L-force

Decentralised drive technology

Efficient and consistently decentralised

Lenze

This is what we stand for.
You want to implement your machine and plant concepts efficiently and easily or optimise existing concepts to reduce costs? Then, Lenze is the partner you are looking for. For more than 60 years, drive and automation systems have been our core competence.

Drive and automation technology from Lenze keep things moving – for example in the areas of materials handling, robotics and component handling as well as in packaging facilities for the intralogistics and automotive sectors and the food and beverage industries.

Lenze | about us

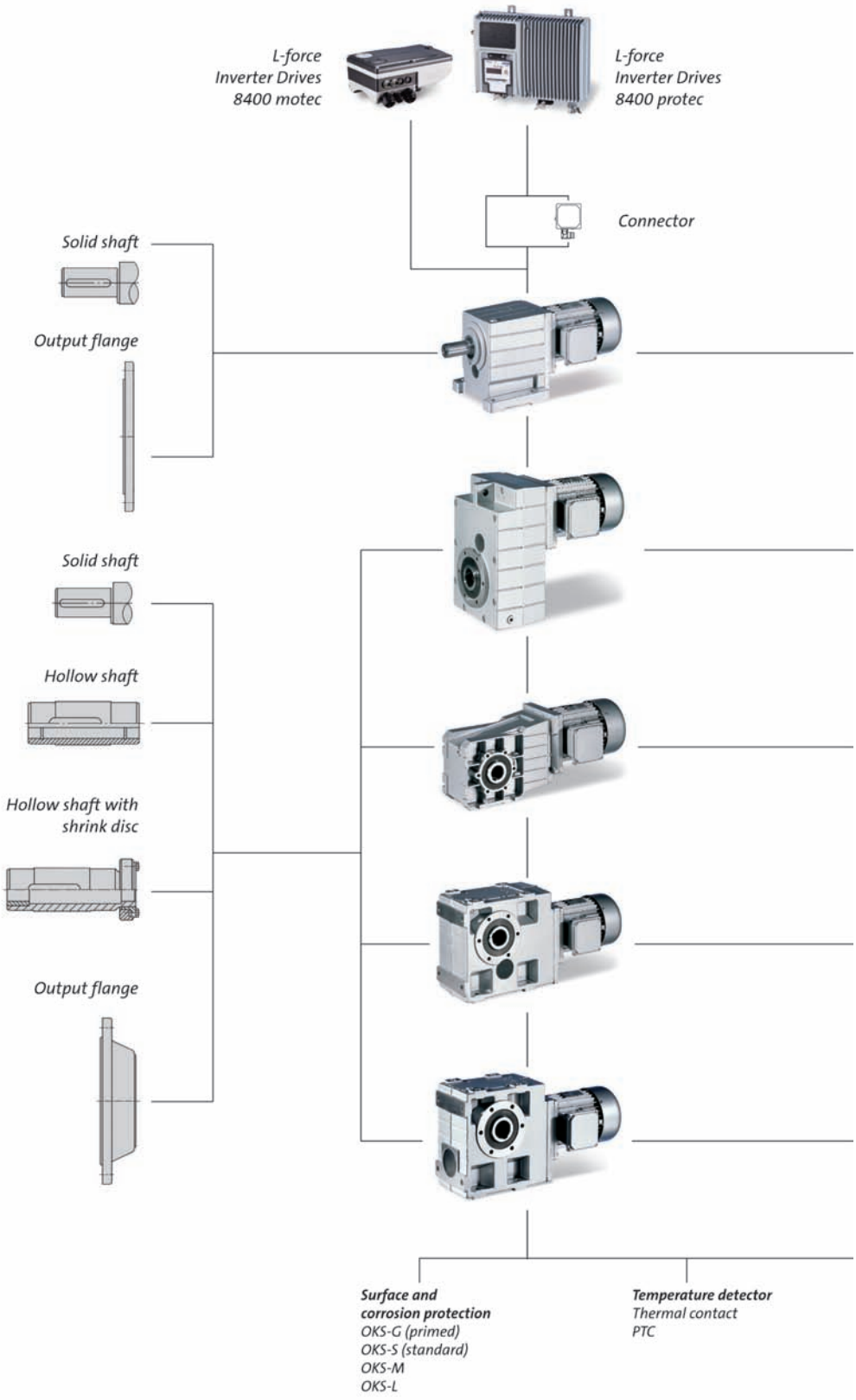
We can offer you automation solutions including control, visualisation and drive technology from a single source. Our drive systems will improve the performance of your machines. From project planning to commissioning, we have the know-how, whilst our international sales and service network can provide you with expert help and advice at any time.

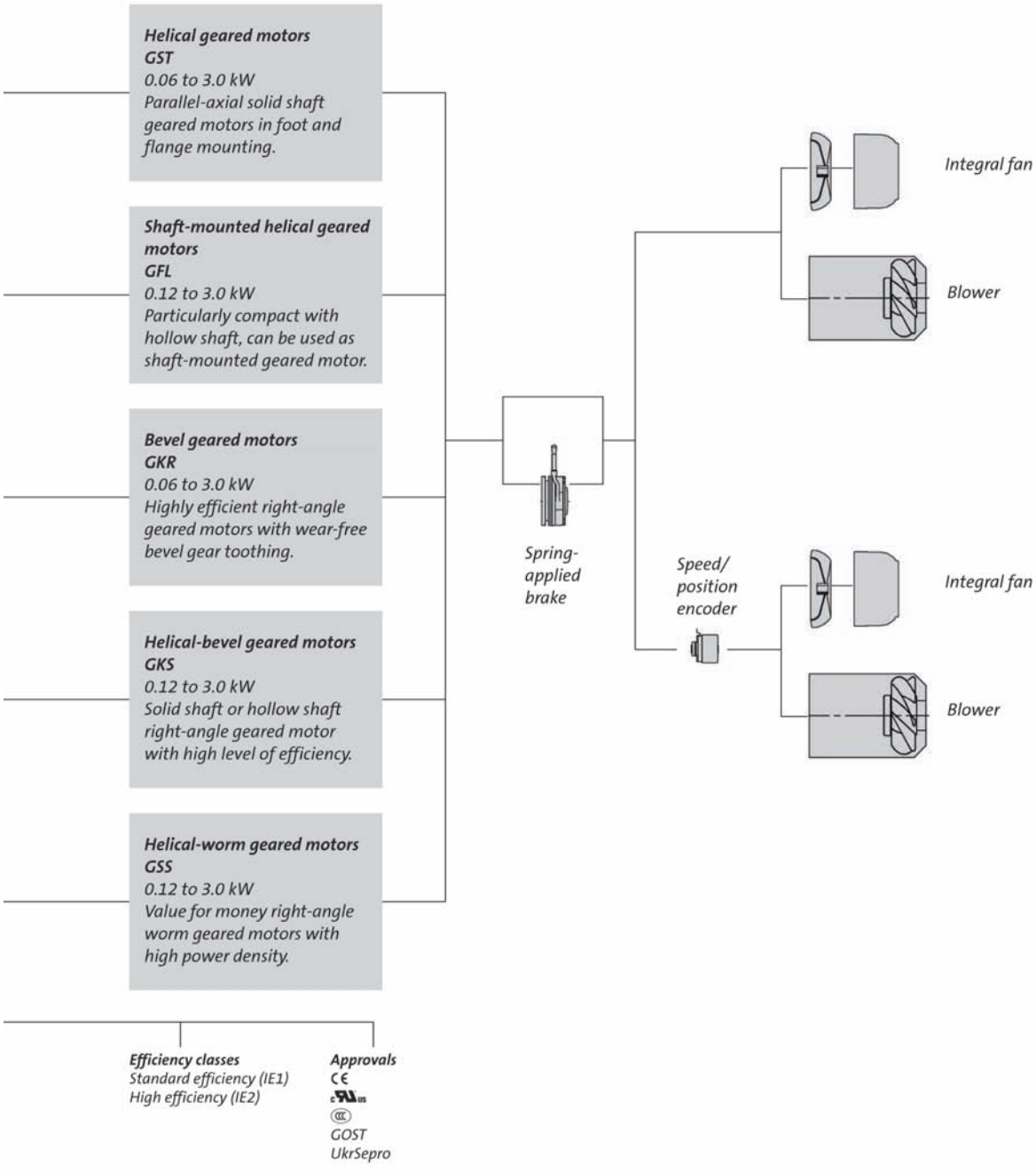
Cut your process costs and increase your ability to compete. Let us analyse your drive technology tasks and support you with made-to-measure solutions. We can take an integrated approach to projects thanks to the scalability of our products and the scope of the overall portfolio. We can get the best from your machines and systems.

At your side all over the world – with thorough and professional support from our motivated team.

System overview

Decentralised drives

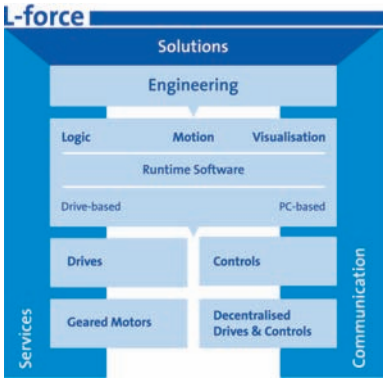



Helical geared motors
GST
0.06 to 3.0 kW
Parallel-axial solid shaft geared motors in foot and flange mounting.
Shaft-mounted helical geared motors
GFL
0.12 to 3.0 kW
Particularly compact with hollow shaft, can be used as shaft-mounted geared motor.
Bevel geared motors
GKR
0.06 to 3.0 kW
Highly efficient right-angle geared motors with wear-free bevel gear toothing.
Helical-bevel geared motors
GKS
0.12 to 3.0 kW
Solid shaft or hollow shaft right-angle geared motor with high level of efficiency.
Helical-worm geared motors
GSS
0.12 to 3.0 kW
Value for money right-angle worm geared motors with high power density.
Spring-applied brake
Integral fan
Blower
Speed/ position encoder
Integral fan
Blower
Efficiency classes
Standard efficiency (IE1)
High efficiency (IE2)
Approvals
CE
GOST
UkrSepro

L-force | Your future is our drive

Cost-efficiency, time-saving and quality enhancement are the prime challenges of the future. Lenze is meeting these challenges with L-force – the drives and automation family with a holistic solutions portfolio and with matching interfaces and components. For faster project planning and commissioning and for more performance and greater flexibility in production.

The latest new products are the decentralised 8400 motec and protec inverters from the Inverter Drives 8400 family. They provide you with numerous advantages and cost-cutting potential, especially in the case of widely spread-out installations. Here, functions are used where they are actually needed. The new decentralised Inverter Drives 8400 keep motor cables short, lower the cost of cooling, reduce the space needed in the control cabinet or make it completely superfluous and make complex system structures clear and comprehensible.



8400 motec Drive Package
In combination with our L-force motors and L-force geared motors, the 8400 motec forms a holistic and efficient "Drive Package".

Inverter Drives 8400 motec
This compact motor inverter excels as an attractive alternative, especially for simple applications, and ensures high efficiency in every respect. The 8400 motec version for fitting to the geared motor or the wall is now available in the power range from 0.37 to 3.0 kW. Further power ranges are to follow in stages.

Inverter Drives 8400 protec
The inverter for highly dynamic and more complex applications. Its special advantages are its positioning functionality and integrated safety engineering. The device is available in the power range 0.75 to 4 kW.

You always profit from the advantages of the new decentralised Inverter Drives 8400 such as user-friendliness and efficiency.

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Lenze world-wide

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$\eta_{100\,\%}$	[%]	Efficiency
$\eta_{75\,\%}$	[%]	Efficiency
η_a		Efficiency
$\eta_{c=1}$		Efficiency
$\eta_{c=1}$		Efficiency
c		Load capacity
C_{th}	[KWs]	Thermal capacity
cos φ		Power factor
$F_{ax,+}$	[N]	Max. axial force
$F_{ax,-}$	[N]	Min. axial force
$f_{in,max}$	[Hz]	Max. input frequency
f_{max}	[kHz]	Limit frequency
f_{max}	[kHz]	Max. switching frequency
f_N	[Hz]	Rated frequency
$F_{rad,max}$	[N]	Max. radial force
H	[m]	Site altitude
H_{max}	[m]	Site altitude
i		Ratio
$I_{in,max}$	[A]	Max. input current
I_{max}	[A]	Max. short-time DC-bus current
I_{max}	[A]	Max. current
I_{max}	[A]	Max. current consumption
I_{max}	[A]	Max. current
I_N	[A]	Rated current
$I_{N, DC}$	[A]	Rated DC-bus current
$I_{N, \Delta}$	[A]	Rated current
$I_{N, out}$	[A]	Rated output current
$I_{N, Y}$	[A]	Rated current
I_a / I_N		Starting current
J	[kgcm²]	Moment of inertia
l_{max}	[m]	Max. cable length
m	[kg]	Mass
M_2	[Nm]	Output torque
M_{22}	[Nm]	Output torque
M_a	[Nm]	Starting torque
M_B	[Nm]	Braking torque
M_b	[Nm]	Stalling torque
M_k	[Nm]	Rated torque
M_{max}	[Nm]	Max. torque
M_N	[Nm]	Rated torque
n_2	[r/min]	Output speed
n_{21}	[r/min]	Output speed
n_{22}	[r/min]	Output speed

n_N	[r/min]	Rated speed
P	[kW]	Coil power
P	[kW]	Typical motor power
P_{max}	[kW]	Max. power input
P_N	[kW]	Rated power
Q_{BW}	[MJ]	Friction energy
Q_E	[KJ]	Maximum switching energy
R	[Ω]	Insulation resistance
R	[Ω]	Min. insulation resistance
R_N	[Ω]	Rated resistance
$S_{hü}$	[1/h]	Transition operating frequency
T	[°C]	Operating temperature
T	[°C]	Rated temperature
T	[°C]	Max. ambient temperature of bearing
T	[°C]	Max. surface temperature
T	[°C]	Max. ambient temperature for transport
T	[°C]	Min. ambient storage temperature
T	[°C]	Min. ambient temperature for transport
T	[°C]	Ambient temperature
t	[ms]	Min. rest time
t_1	[ms]	Engagement time
t_{11}	[ms]	Delay time
t_{11}	[ms]	Delay time with motec 8400
t_{12}	[ms]	Rise time
t_{12}	[ms]	Rise time with motec 8400
t_2	[ms]	Disengagement time
T_{max}	[°C]	Max. reset temperature
T_{min}	[°C]	Min. reset temperature
$T_{opr,max}$	[°C]	Max. ambient operating temperature
$T_{opr,min}$	[°C]	Min. ambient operating temperature
$t_ü$	[ms]	Overexcitation time
U_{AC}	[V]	Insulation voltage to reference earth/PE
U_{AC}	[V]	Mains voltage
U_{AC}	[V]	Mains voltage range
$U_{in,max}$	[V]	Max. input voltage
U_{max}	[V]	Max. input voltage
U_{max}	[V]	Max. mains voltage
U_{max}	[V]	Min. input voltage
U_{min}	[V]	Min. mains voltage
$U_{N, \Delta}$	[V]	Rated voltage
$U_{N, DC}$	[V]	Rated voltage
$U_{N, Y}$	[V]	Rated voltage
Z_{ro}	[Ω]	Rotor impedance
Z_{rs}	[Ω]	Impedance
Z_{so}	[Ω]	Stator impedance

CE	Communauté Européenne
CSA	Canadian Standards Association
DIN	Deutsches Institut für Normung e.V.
EMC	Electromagnetic compatibility
EN	European standard
IEC	International Electrotechnical Commission
IM	International Mounting Code
IP	International Protection Code
NEMA	National Electrical Manufacturers Association
UL	Underwriters Laboratory Listed Product
UR	Underwriters Laboratory Recognized Product
VDE	Verband deutscher Elektrotechniker (Association of German Electrical Engineers)
CCC	China Compulsory Certificate
GOST	Certificate for Russian Federation
cURus	Combined certification marks of UL for the USA and Canada
UkrSEPRO	Certificate for Ukraine

This catalogue contains all the components for decentralised drive solutions. The catalogue can be used to select and order products. Extensive configuring notes are provided in the operating instructions and system manuals of the products.
The electronic catalogue (DSC) also contains the same products and information. The electronic catalogue is available on CD or in the Internet at:
www.Lenze.de/dsc

In the Internet, you can also download additional information (e.g. ratings) for some components. For this additional information, the components are accompanied by the following arrow system with a code printed in bold.

You only need to enter this code (e.g. DS_8400_0001) as the search word in order to obtain the information in PDF format.

Inverters and accessories

All components of the 8400 Inverter Drive range can be selected easily and quickly via a uniform product key.
To improve the clarity, wild cards are used to represent similar designs.

- The symbol□ stands for all designs carrying the represented designation. The □ is, for instance, used to summarise the different variants: in E94AS84DV□E152 the □ could be a wildcard for H (HighLine) or S (StateLine).
- In the type designations of mains/RFI filters (accessory components) the wild cards stand for the different rated currents.

Geared motors

Powers, torques and speeds
The powers, torques and speeds specified in this catalogue are rounded values and are valid under the following conditions:

- Operating time/day = 8 h (100% OT)
- Duty class I for up to 10 switching operations/h
- Mounting positions and designs in this catalogue
- Standard lubricant
- T_{amb} = 20 °C for gearboxes,
  T_{amb} = 40 °C for motors (in accordance with EN 60034)
- Site altitude < = 1000 m amsl
- The selection tables provide the permissible mechanical powers and torques. For notes on the thermal power limit, see chapter drive dimensioning.
- The rated power specified for motors and geared motors applies to operating mode S1 (in accordance with EN 60034).

Under different operating conditions, the values obtained may vary from those listed here.
In the case of extreme operating conditions, please consult your Lenze sales office.

Load capacity c of gearbox
Rated value for the load capacity of Lenze geared motors.

- c is the ratio of the permissible rated torque of the gearbox to the rated torque supplied by the drive component (e.g. the built-in Lenze motor).
- The value of c must always be greater than the value of the application factor k calculated for the application.

Application factor k (according to DIN 3990)
Takes into account the influence of temporally variable loads which are actually present during the anticipated operating time of gearboxes and geared motors.
k is determined by:

- The type of load
- The load intensity
- Temporal influences

The decentralised drive solutions in this catalogue are dimensioned for three speed setting ranges 1:10, 1:17.4 and 1:24. The following chapters dealing with Drive Packages with different geared motors contain selection tables where drives can be selected in a cost-effective manner.

Gearbox type
Helical gearbox GST
Shaft-mounted GFL
Bevel gearbox GKR
Helical-bevel gearbox GKS
Helical-worm gearbox GSS

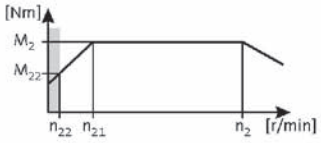
MD□MA (IE1) : Standard efficiency
MH□MA (IE2) : High efficiency
MF□MA : frequency inverter optimised

GST
GST [Nm] - MD□MA (IE1)

Rated power P_N of the drive motor in relation to the rated frequency → 50 Hz: P_N = 0.37 kW

Speed setting range → n_{22} / n_2 = 1 ... 10.0

Speed range of the drive motor → n_1 = 141.0 ... 1410 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
8.5	36	-	85	31	41	1.0	16.660	GST03-2M □□□071C32	E84DVB□3714N□1N2G	115
8.1	34	-	81	33	43	1.5	17.500	GST04-2M □□□071C32	E84DVB□3714N□1N2G	115
7.4	32	-	74	36	46	0.9	19.013	GST03-2M □□□071C32	E84DVB□3714N□1N2G	115

Product key of geared motor

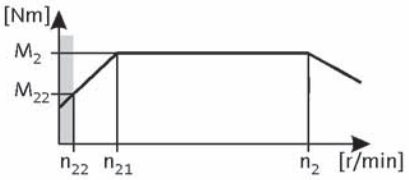
Product key of inverter

Ratio i

Page number for dimensions

Speed and torque information

The speed and torque information applies to self-ventilated and forced-ventilated drives. Externally cooled drives can always output the torque M_2 in all the setting ranges. In the case of self-ventilated drives, a reduction to M_{22} is necessary in the lower speed range.



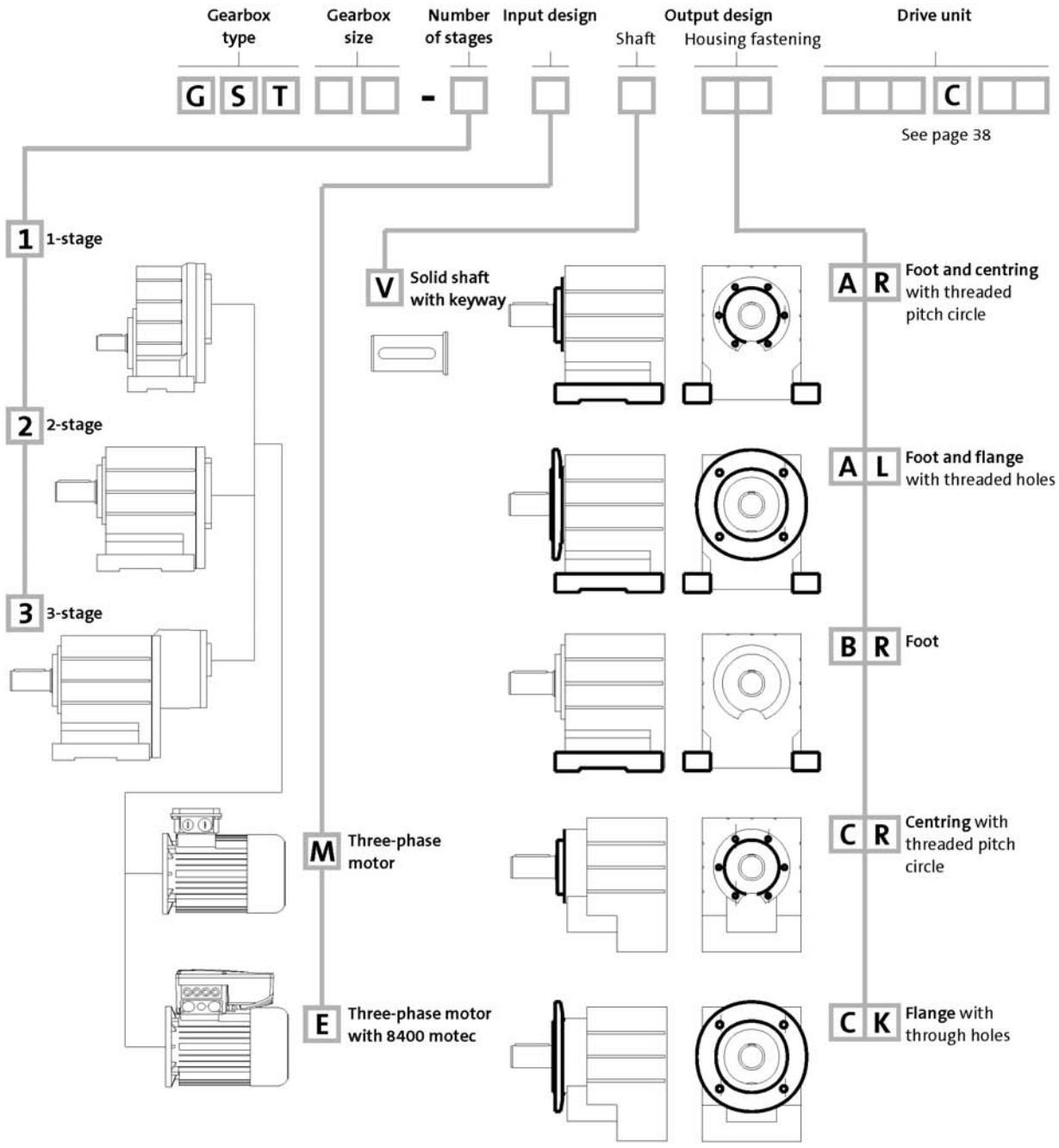
The following applies to self-ventilated geared motors: n_{22} is the minimum speed at which the torque M_{22} is permissible. From n_{21} to n_2, the maximum torque is M_2. The following applies to forced-ventilated geared motors: From the minimum speed n_{22} to n_2, the maximum torque is M_2

The load capacity c of the gearbox c is the ratio of the gearbox's rated torque to the rated torque of the three-phase motor (calculated in respect of its application to the output shaft). c must always be greater than the application factor k determined for the application.

$$c = \frac{M_{2,zul}}{M_{1N} \cdot i \cdot \eta_{Getr}} > k$$

1

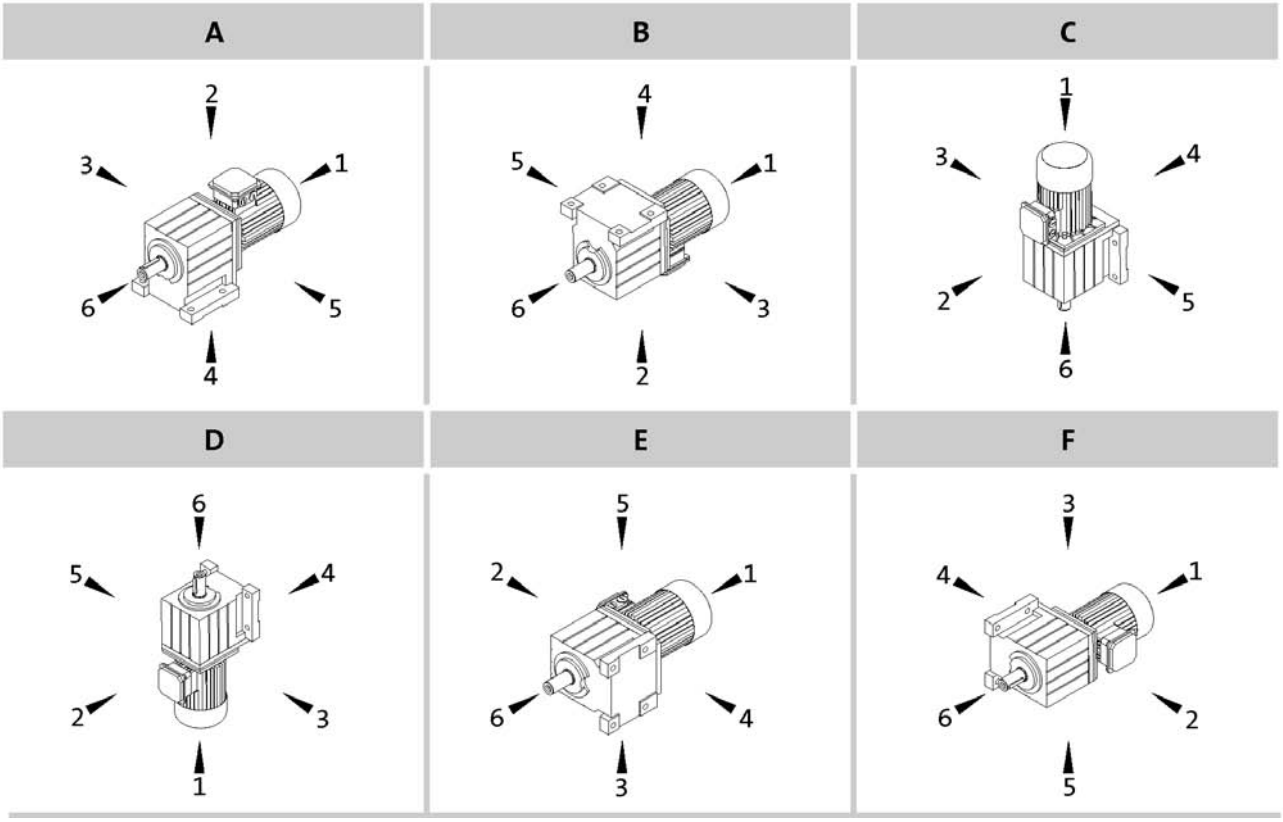
Helical geared motors



	Output design		
	V	K	L
	d x l [mm]	Øa2 [mm]	Øa2 [mm]
GST03-2	14x28	120/140/160	
	20x40	120/140/160	
GST04-1	16x32	120/140/160	
GST04-2	20x40	120/140/160	120/140
GST05-1	20x40	120/140/160/200	
GST05-2/3	25x50	120/140/160/200	120/140/160
GST06-1	25x50	160/200	

	Output design		
	V	K	L
	d x l [mm]	Øa2 [mm]	Øa2 [mm]
GST06-2/3	30x60	160/200	160/200
GST07-1	30x60	200/250	
GST07-2/3	40x80	200/250	200/250
GST09-1	40x80	250/300	
GST09-2/3	50x100	250/300	250/300
GST11-2/3	60x120	300/350	300/350
GST14-2/3	80x160	350/400	350/400

Mounting position (A...F) and position of system blocks (1...6)



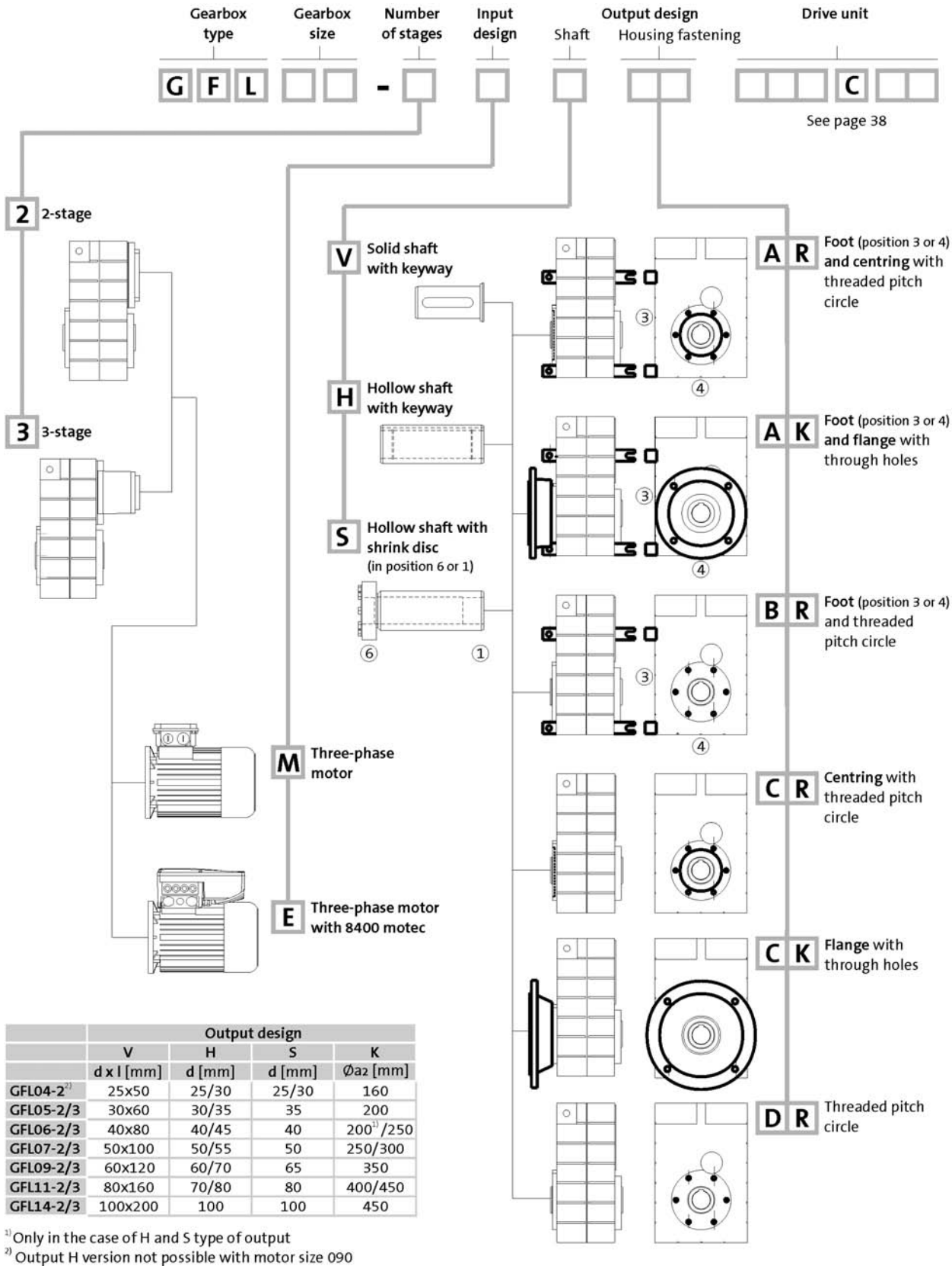
Terminal box / motec: 2, 3, 4, 5

Gearbox designs

Basic versions	
Motor efficiency	Standard efficiency Increased efficiency (IE2)
Surface and corrosion protection	No OKS (unpainted, aluminium housing) for GST03 OKS-G (primer: grey) OKS-S (paint: RAL 7012)
Lubricant	CLP 460 (mineral)
Ventilation	Oil control plugs for GST05 ... 14 Breather elements for GST06 ... 14

Options	
Surface and corrosion protection	OKS-G (primer: grey) for GST03-2 OKS-S (special paint according to RAL) OKS-M (special paint according to RAL) OKS-L (special paint according to RAL)
Lubricant	CLP HC 320 (synthetic) CLP HC 220 USDA H1 (synthetic)
Shaft sealing rings	Driven shaft: Viton
Bearings	Driven shaft: reinforced for GST04 ... 09-2/3
Ventilation	Breather elements for GST05 Compensation reservoir for GST09 ... 14-2 in mounting position C
Nameplate	Metal nameplate (supplied loose) Adhesive nameplate (supplied loose)

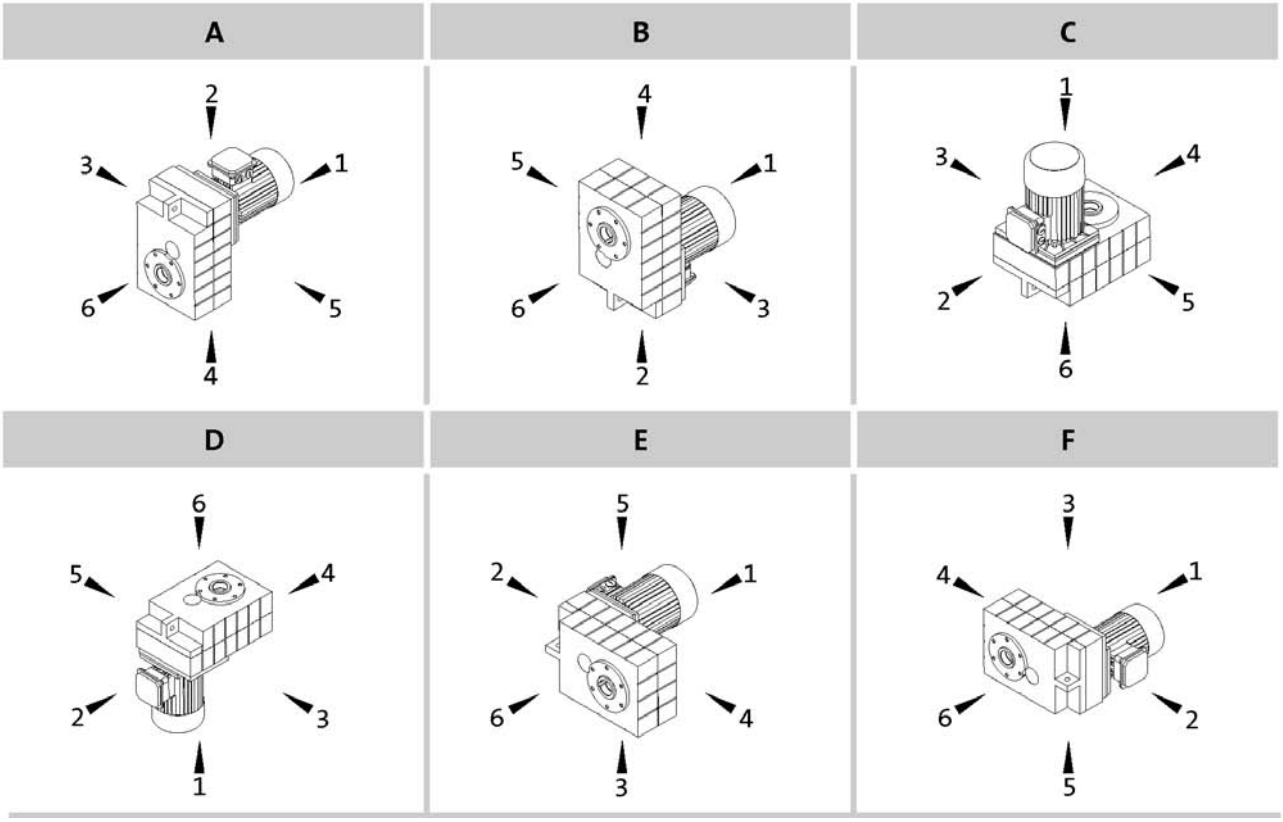
Shaft-mounted helical geared motors



	Output design			
	V	H	S	K
	d x l [mm]	d [mm]	d [mm]	Øa2 [mm]
GFL04-2[2]	25x50	25/30	25/30	160
GFL05-2/3	30x60	30/35	35	200
GFL06-2/3	40x80	40/45	40	200[1]/250
GFL07-2/3	50x100	50/55	50	250/300
GFL09-2/3	60x120	60/70	65	350
GFL11-2/3	80x160	70/80	80	400/450
GFL14-2/3	100x200	100	100	450

[1] Only in the case of H and S type of output
[2] Output H version not possible with motor size 090

Mounting position (A...F) and position of system blocks (1...6)



Hollow shaft: 0
Solid shaft: 6
Hollow shaft with shrink disc: 1, 6

Without foot: 0
Foot: 3, 4
Terminal box / motec: 2, 3, 4, 5

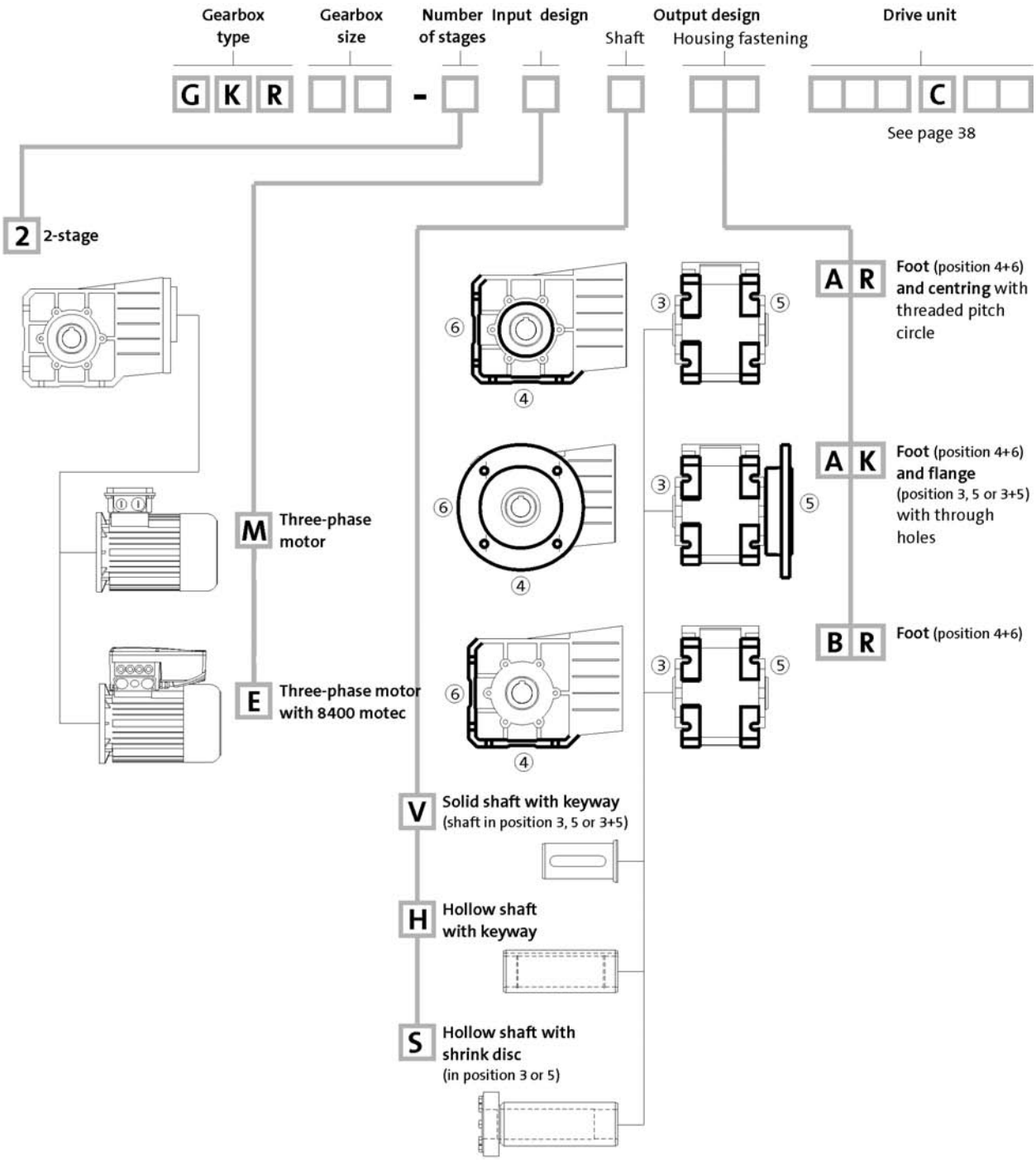
Gearbox designs

Basic versions	
Motor efficiency	Standard efficiency Increased efficiency (IE2)
Surface and corrosion protection	OKS-G (primer: grey) OKS-S (paint: RAL 7012)
Lubricant	CLP 460 (mineral)
Ventilation	Oil control plugs for GFL05 ... 14 Breather elements for GFL06 ... 14

Options	
Surface and corrosion protection	OKS-S (special paint according to RAL) OKS-M (special paint according to RAL) OKS-L (special paint according to RAL)
Lubricant	CLP HC 320 (synthetic) CLP HC 220 USDA H1 (synthetic)
Shaft sealing rings	Driven shaft: Viton
Ventilation	Breather elements for GFL05 Compensation reservoir for GFL09 ... 14-2 in mounting position C
Accessories	Rubber buffer for torque plate Shrink disc cover Mounting set for hollow shaft circlip
Nameplate	Metal nameplate (supplied loose) Adhesive nameplate (supplied loose)

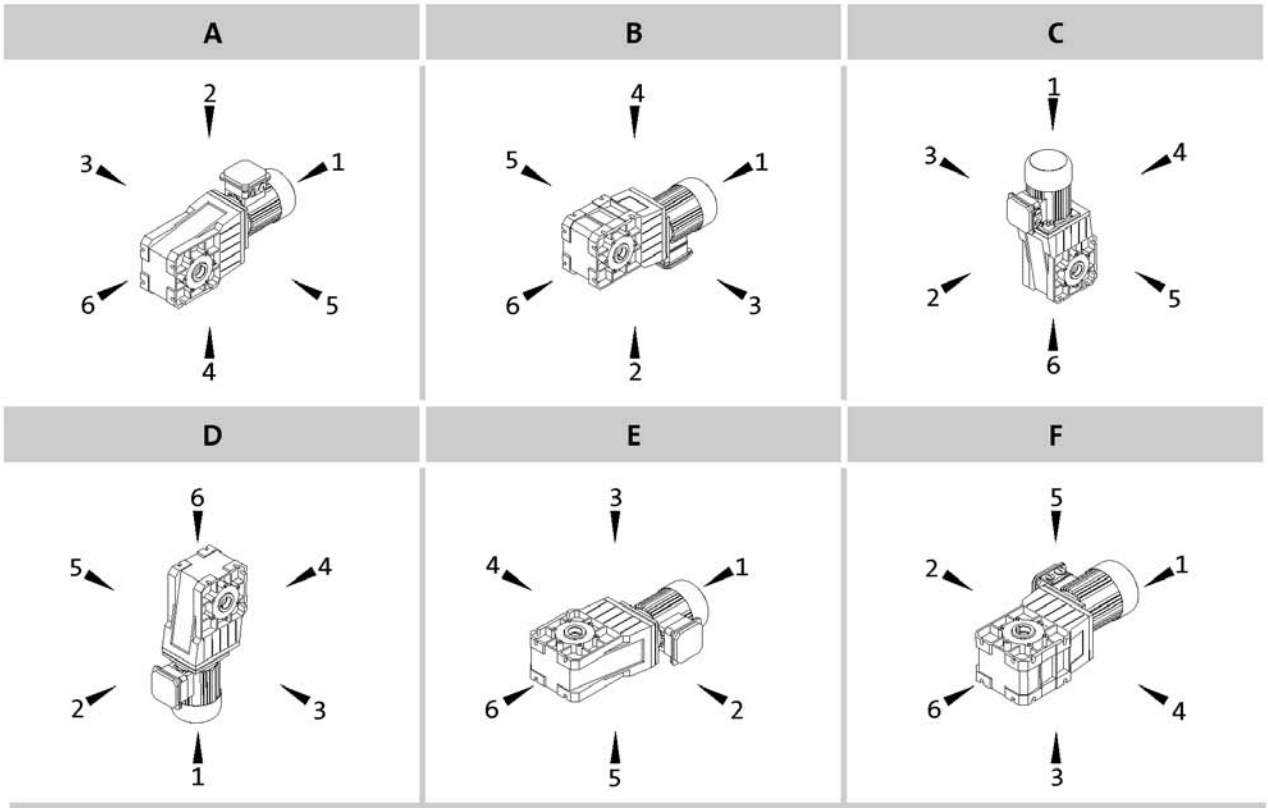
1

Bevel geared motors



	Output design			
	V	H	S	K
	d x l [mm]	d [mm]	d [mm]	Ød_{a2} [mm]
GKR03-2	20x40	18/20	20	110/120
GKR04-2	20x40	20/25	20	120/160
GKR05-2	30x60	30/35	30/35	160/200
GKR06-2	35x70	40/45	40	200/250

Mounting position (A...F) and position of system blocks (1...6)



Hollow shaft: 0
Solid shaft: 3, 5, 8 (3+5)
Hollow shaft with shrink disc: 3, 5

Without flange: 0
Flange: 3, 5, 8 (3+5)
Terminal box / motec: 2, 3, 4, 5

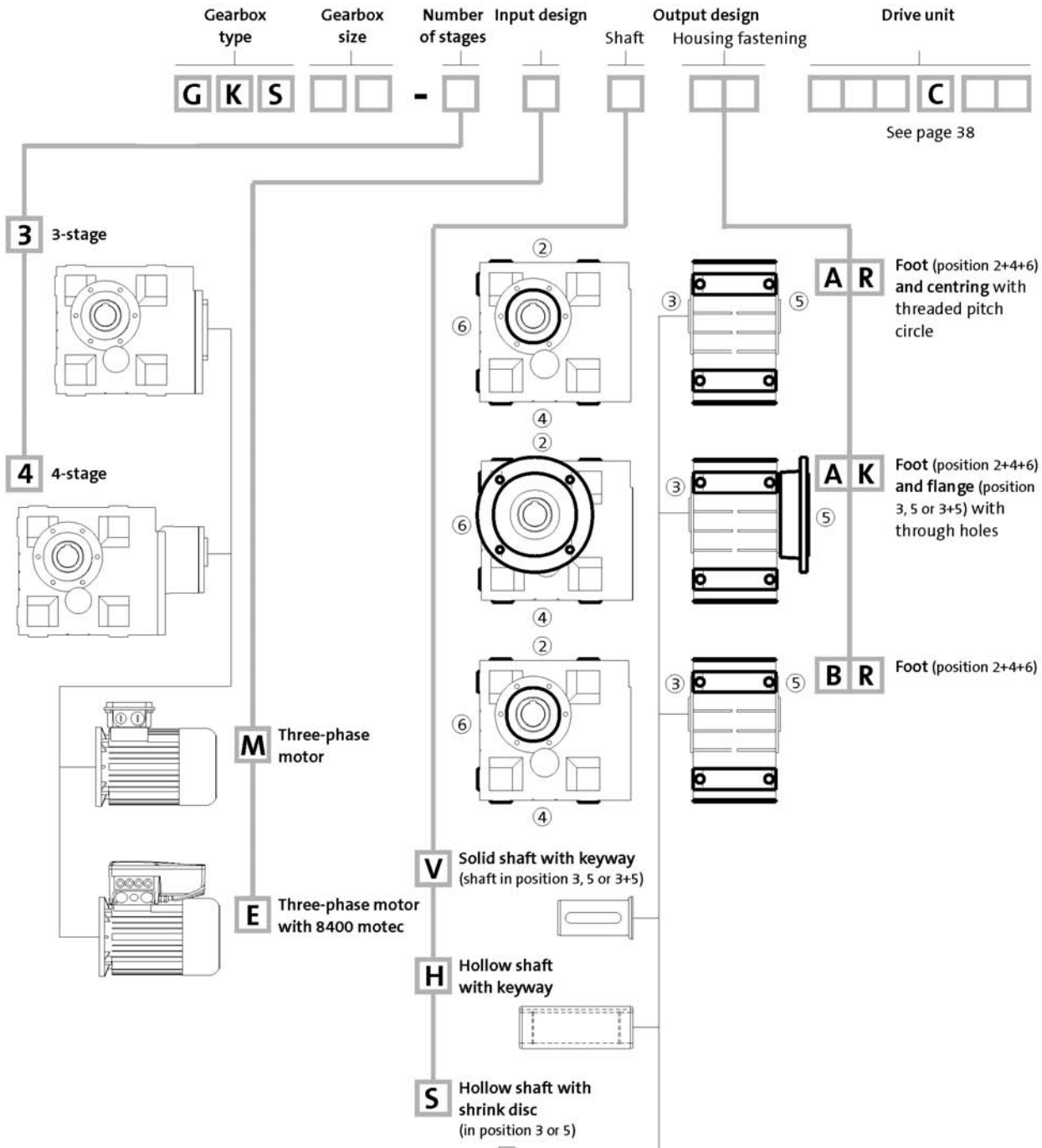
Gearbox designs

Basic versions	
Motor efficiency	Standard efficiency Increased efficiency (IE2)
Surface and corrosion protection	No OKS (unpainted, aluminium housing) OKS-S (paint: RAL 7012)
Lubricant	CLP 460 (mineral)
Ventilation	Breather elements for GKR06

Options	
Surface and corrosion protection	OKS-G (primer: grey) OKS-S (special paint according to RAL) OKS-M (special paint according to RAL) OKS-L (special paint according to RAL)
Lubricant	CLP HC 320 (synthetic) CLP HC 220 USDA H1 (synthetic)
Shaft sealing rings	Driven shaft: Viton
Accessories	Rubber buffer for torque plate (GKR 03/04 only) Torque plate on threaded pitch circle Housing foot torque plate (GKR05/06 only) 2nd output shaft end Shrink disc cover Hoseproof hollow shaft cover Mounting set for hollow shaft circlip
Nameplate	Metal nameplate (supplied loose) Adhesive nameplate (supplied loose)

1

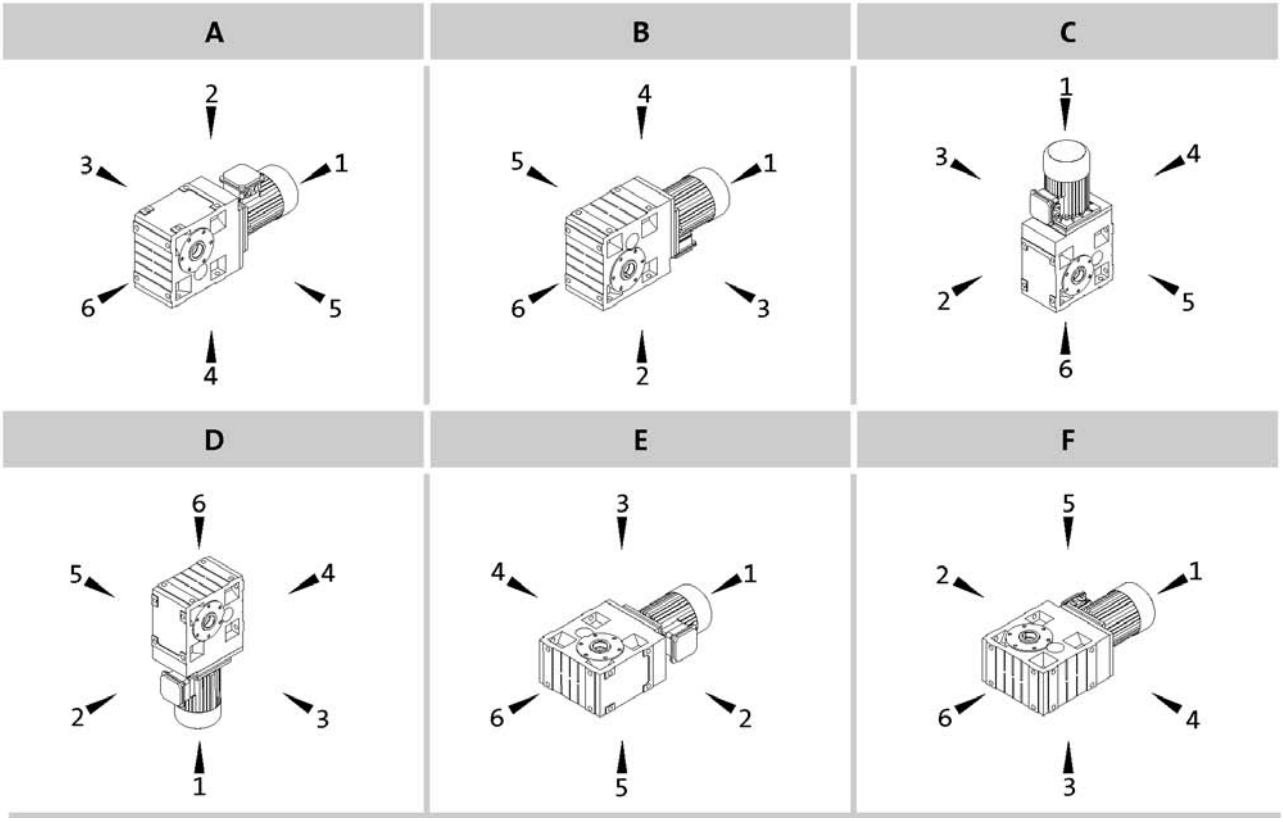
Helical-bevel geared motors



	Output design			
	V	H	S	K
	d x l [mm]	d [mm]	d [mm]	Øa2 [mm]
GKS04-3	25x50	25/30	25/30	160
GKS05-3/4	30x60	30/35	35	200
GKS06-3/4	40x80	40/45	40	200[1] /250
GKS07-3/4	50x100	50/55	50	250/300
GKS09-3/4	60x120	60/70	65	350
GKS11-3/4	80x160	70/80	80	400/450
GKS14-3/4	100x200	100	100	450

[1] Only in the case of H and S type of output

Mounting position (A...F) and position of system blocks (1...6)



Hollow shaft: 0
Solid shaft: 3, 5, 8 (3+5)
Hollow shaft with shrink disc: 3, 5

Without flange: 0
Flange: 3, 5, 8 (3+5)
Terminal box / motec: 2, 3, 4, 5

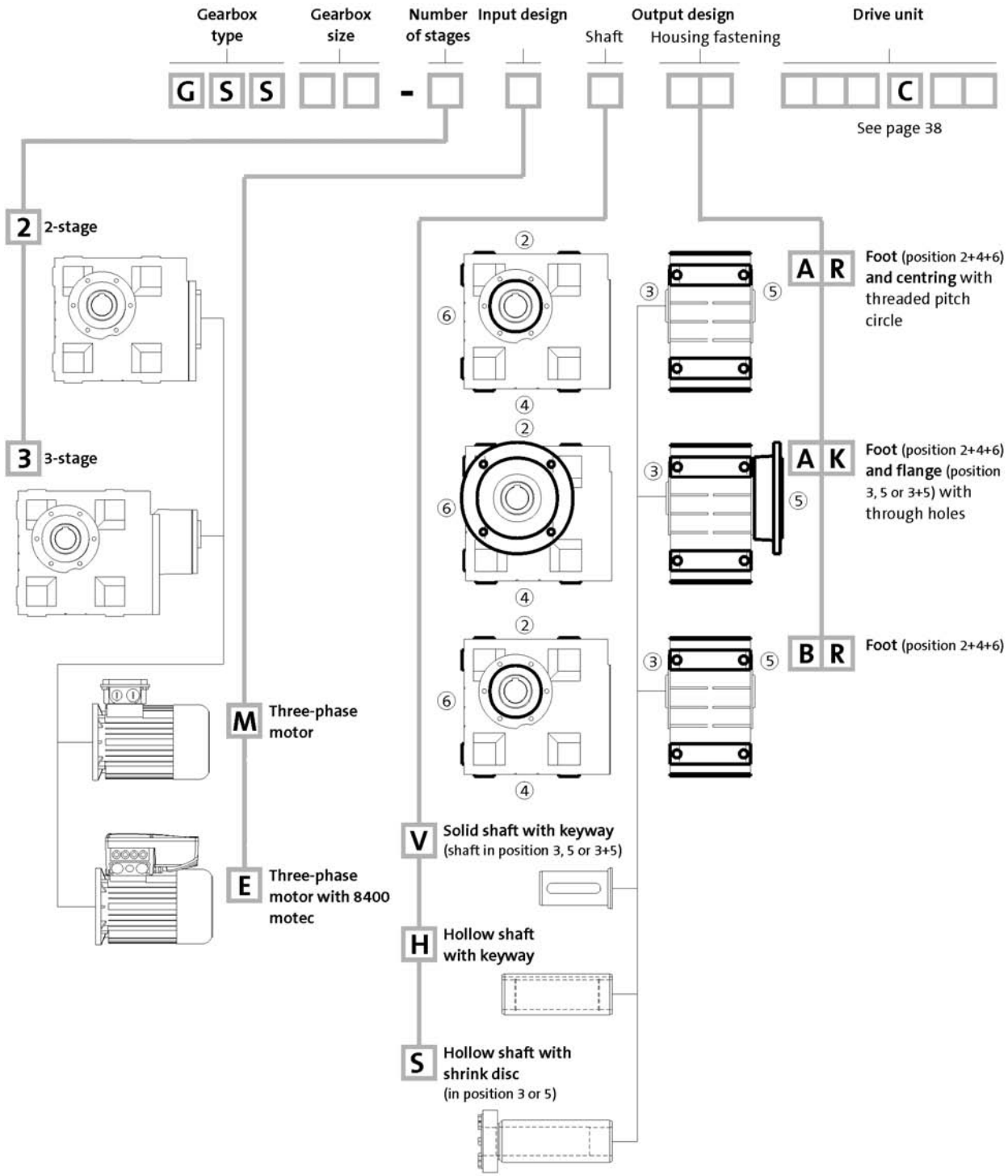
Gearbox designs

Basic versions	
Motor efficiency	Standard efficiency Increased efficiency (IE2)
Surface and corrosion protection	OKS-G (primer: grey) OKS-S (paint: RAL 7012)
Lubricant	CLP 460 (mineral)
Ventilation	Oil control plugs for GKS05 ... 14 Breather elements for GKS06 ... 14

Options	
Surface and corrosion protection	OKS-S (special paint according to RAL) OKS-M (special paint according to RAL) OKS-L (special paint according to RAL)
Lubricant	CLP HC 320 (synthetic) CLP HC 220 USDA H1 (synthetic)
Shaft sealing rings	Driven shaft: Viton
Ventilation	Breather elements for GKS05 Compensation reservoir for GKS09 ... 14-3 in mounting position C
Accessories	Torque plate on threaded pitch circle Housing foot torque plate 2nd output shaft end Shrink disc cover Hoseproof hollow shaft cover Mounting set for hollow shaft circlip
Nameplate	Metal nameplate (supplied loose) Adhesive nameplate (supplied loose)

1

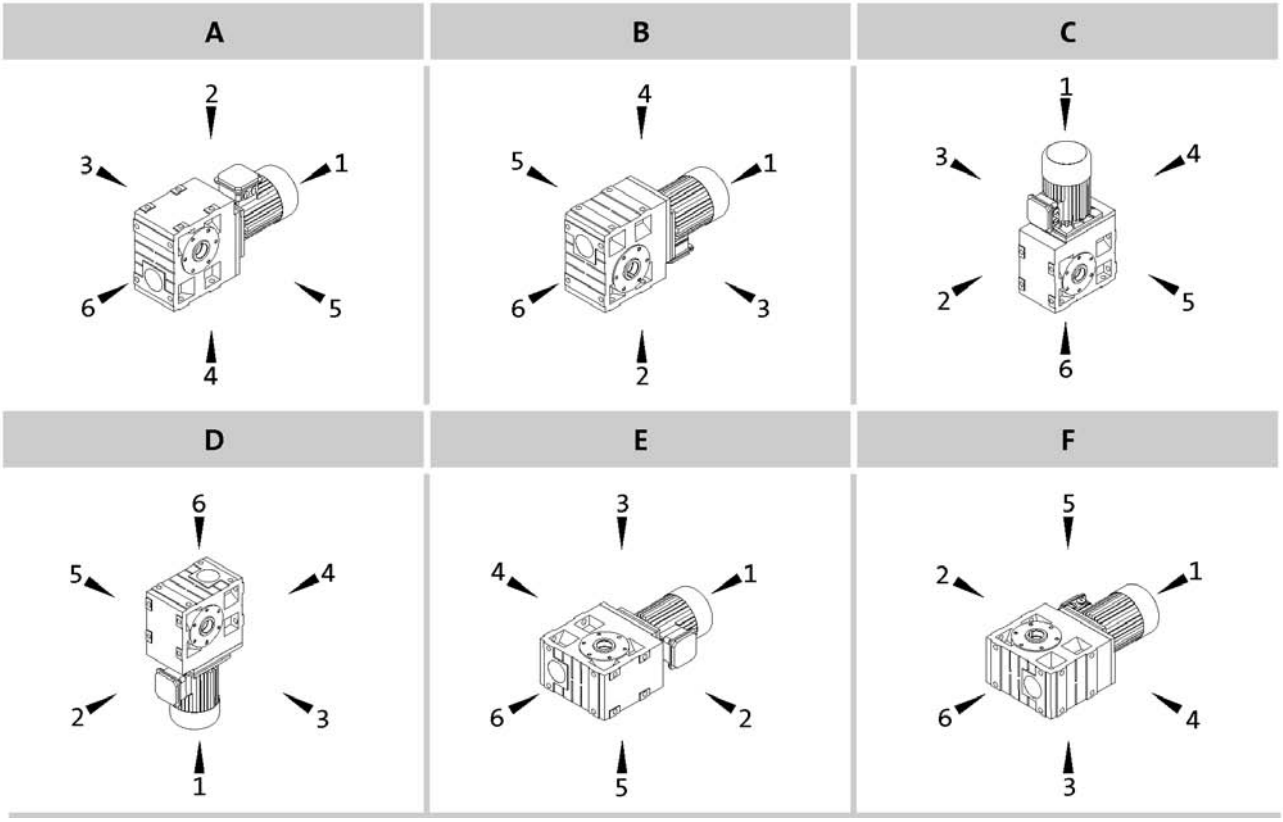
Helical-worm geared motors



	Output design			
	V	H	S	K
	d x l [mm]	d [mm]	d [mm]	Øa2 [mm]
GSS04-2	25x50	25/30	25/30	160
GSS05-2/3	30x60	30/35	35	200
GSS06-2/3	40x80	40/45	40	200[1]/250
GSS07-2/3	50x100	50/55	50	250/300

[1] Only in the case of H and S type of output

Mounting position (A...F) and position of system blocks (1...6)



Hollow shaft: 0
Solid shaft: 3, 5, 8 (3+5)
Hollow shaft with shrink disc: 3, 5

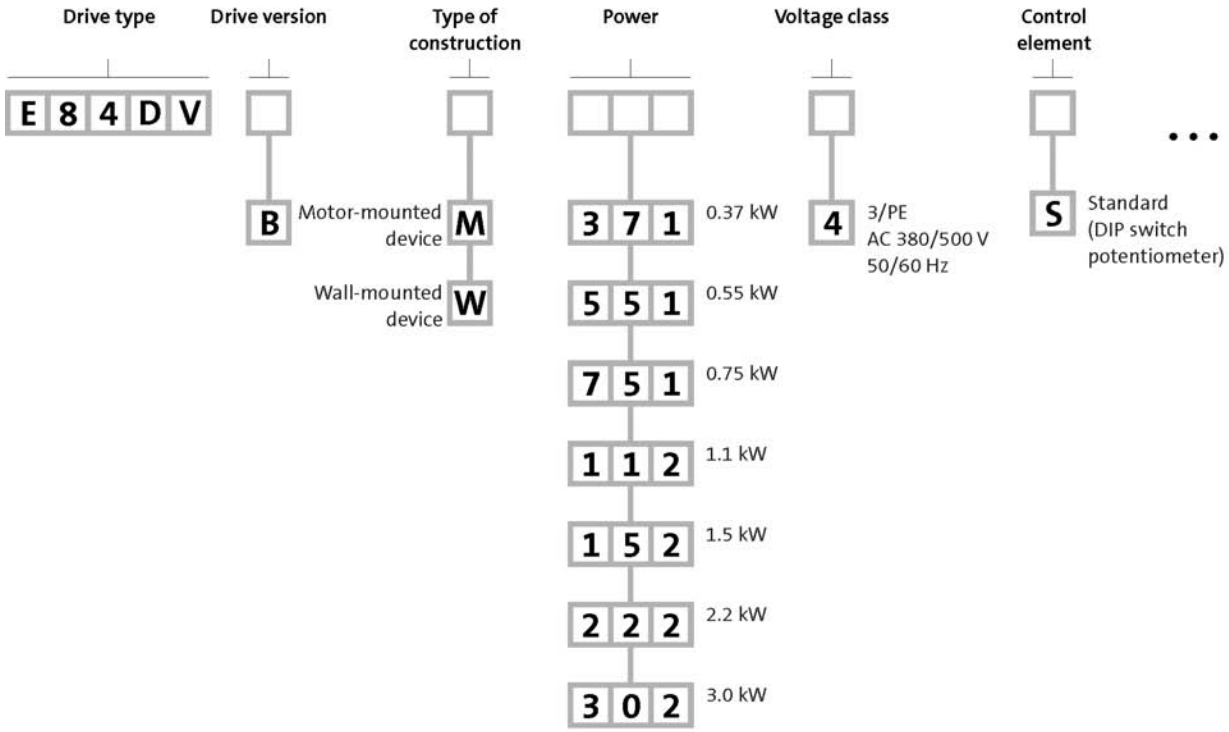
Without flange: 0
Flange: 3, 5, 8 (3+5)
Terminal box / motec: 2, 3, 4, 5

Gearbox designs

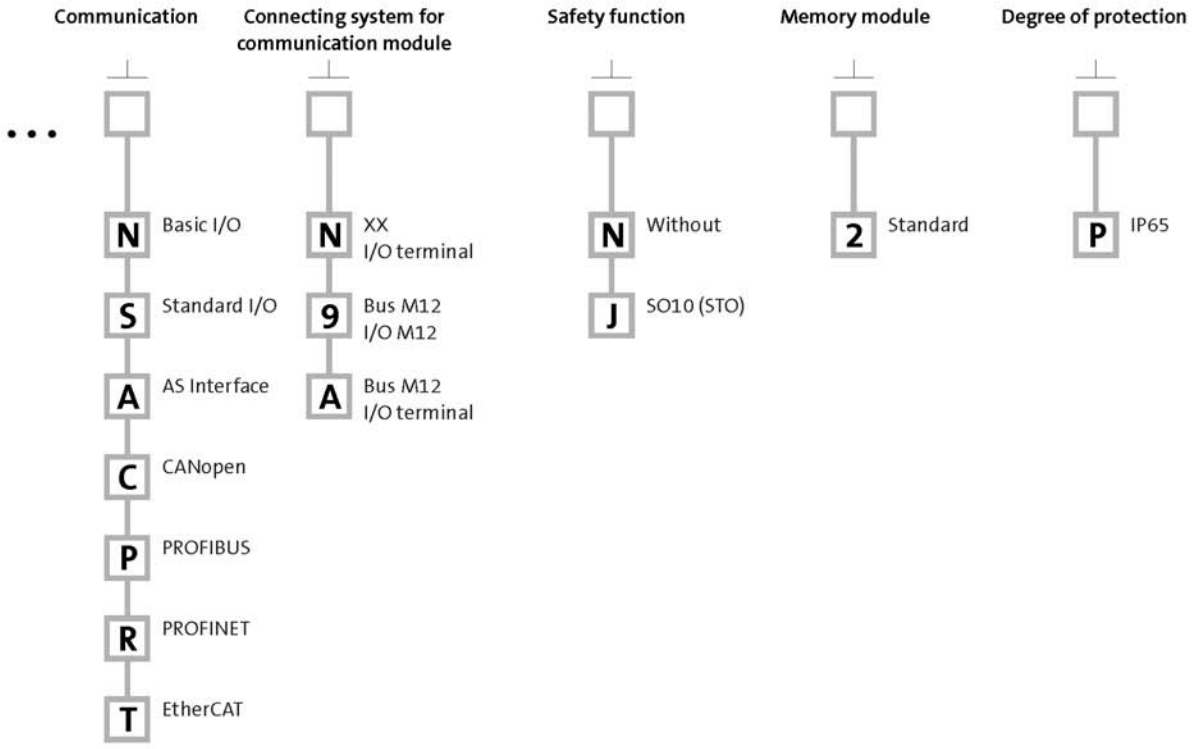
Basic versions	
Motor efficiency	Standard efficiency Increased efficiency (IE2)
Surface and corrosion protection	OKS-G (primer: grey) OKS-S (paint: RAL 7012)
Lubricant	CLP PG 460 (synthetic)
Ventilation	Oil control plugs for GSS05 ... 07 Breather elements for GSS05 ... 07

Options	
Surface and corrosion protection	OKS-S (special paint according to RAL) OKS-M (special paint according to RAL) OKS-L (special paint according to RAL)
Lubricant	CLP HC 220 USDA H1 (synthetic)
Shaft sealing rings	Driven shaft: Viton
Accessories	Torque plate on threaded pitch circle Housing foot torque plate 2nd output shaft end Shrink disc cover Hoseproof hollow shaft cover Mounting set for hollow shaft circlip
Nameplate	Metal nameplate (supplied loose) Adhesive nameplate (supplied loose)

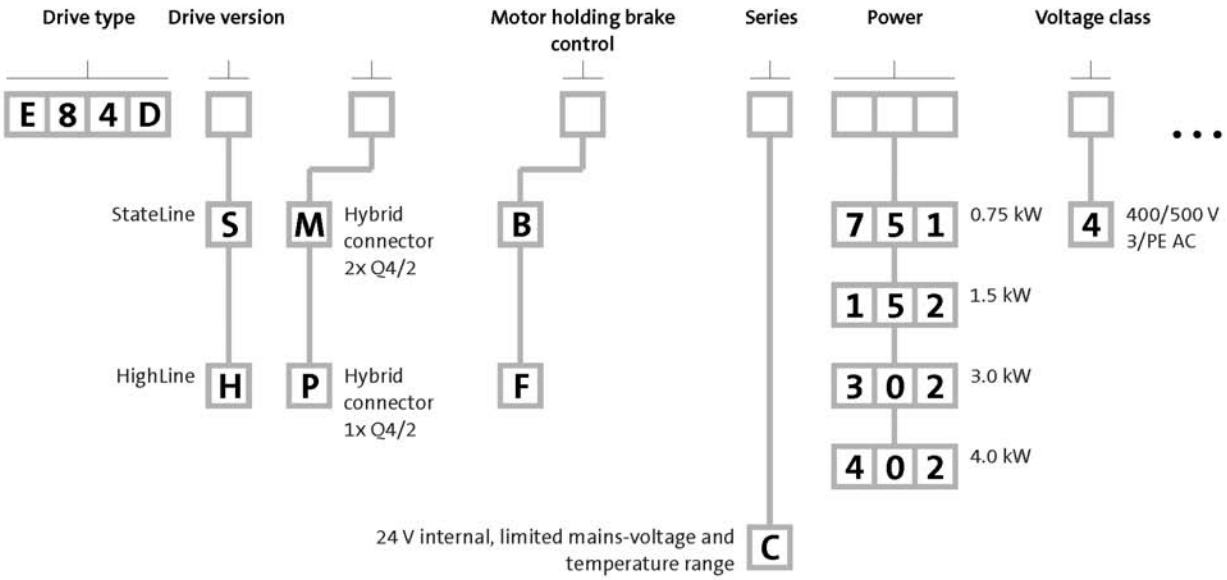
Inverter Drives 8400 motec



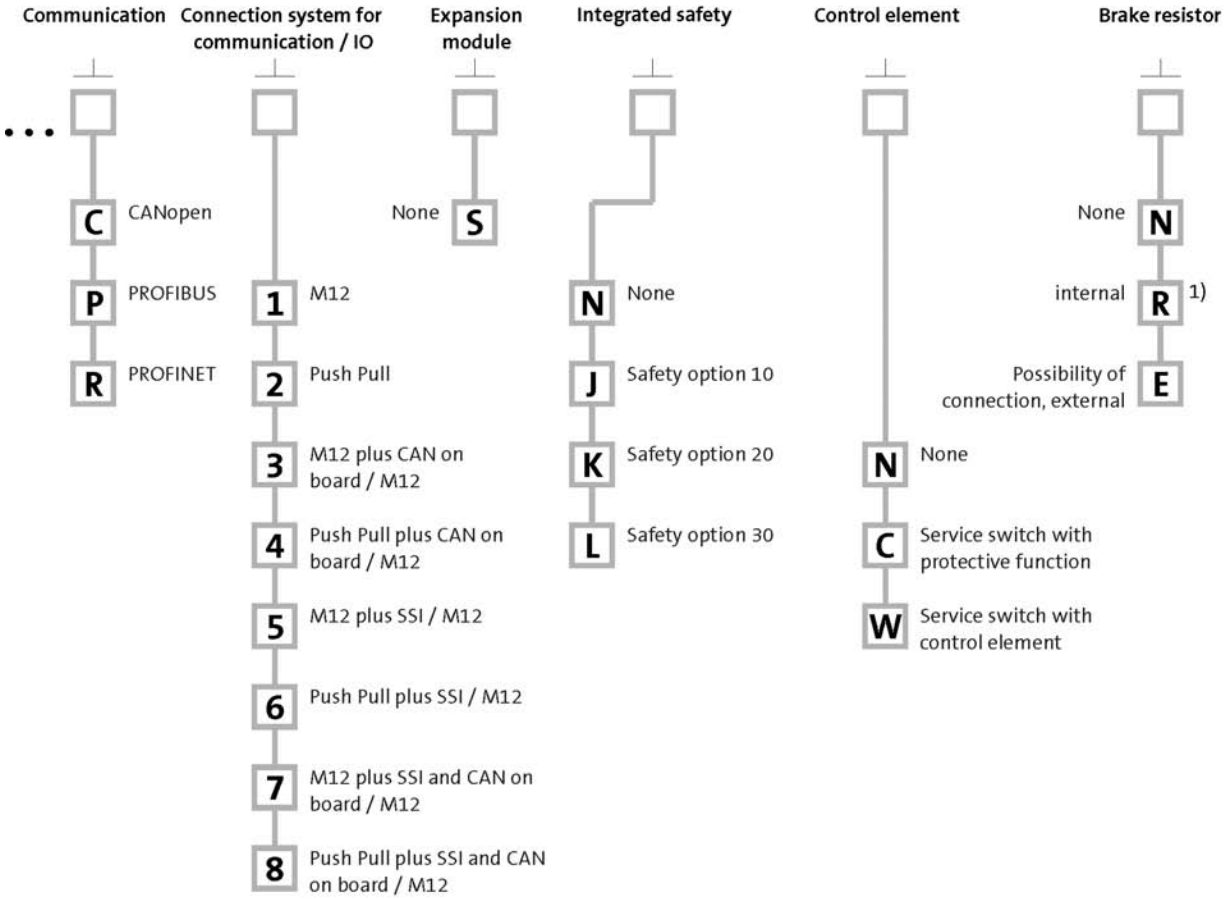
Inverter Drives 8400 motec



Inverter Drives 8400 protec



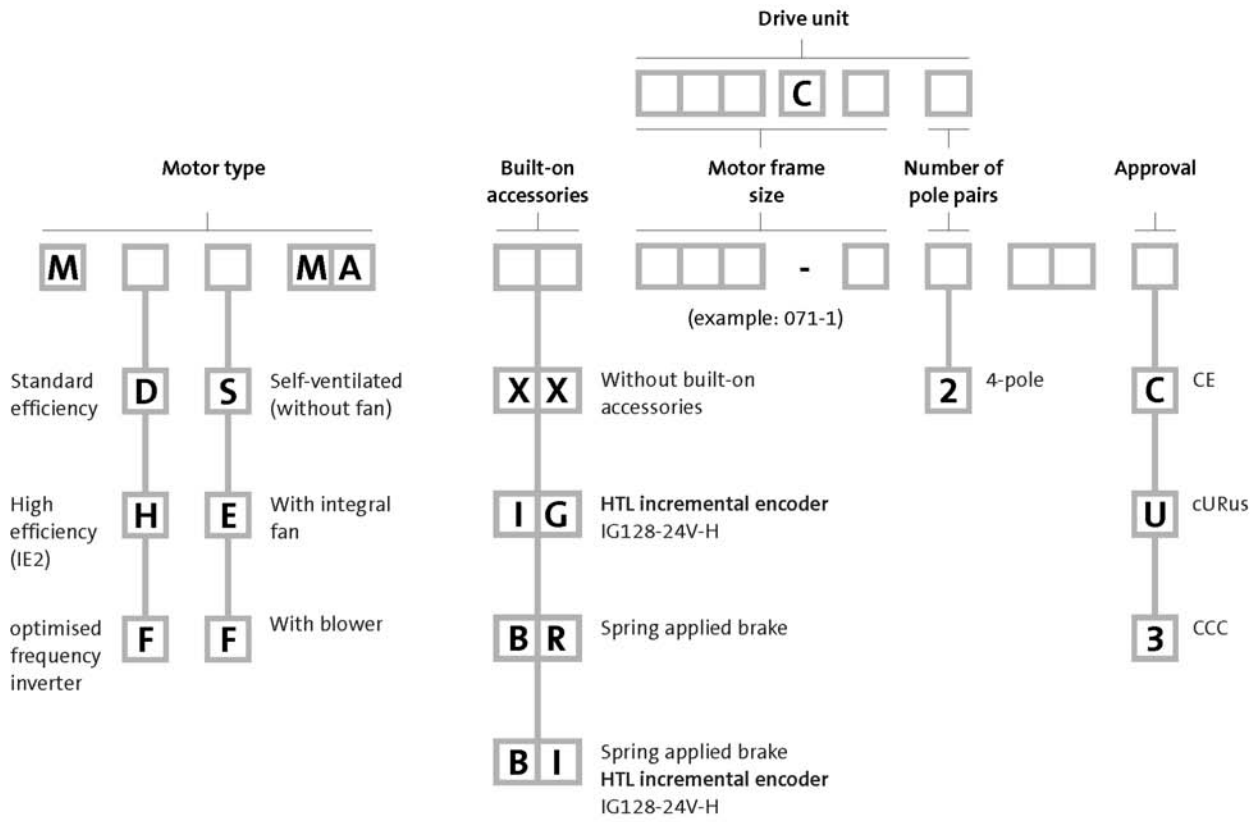
Inverter Drives 8400 protec



1) Only for power ratings of 0.75 kW and 1.5 kW

1

Three-phase AC motors



Drive package

In the Drive Package, gearbox, motor and motor inverter are ideally matched to each other. The convincing aspect of the package is its optimum cost-to-kilowatt ratio.

The motor inverter with VFC eco
Using the Voltage Frequency Control economic (VFC eco) standard function, the 8400 motec can automatically adjust the magnetising current of the motor to the operating conditions. This increases the efficiency during partial load operation and reduces the energy demand by up to 30 percent. VFC eco is especially suitable for applications with low dynamics.

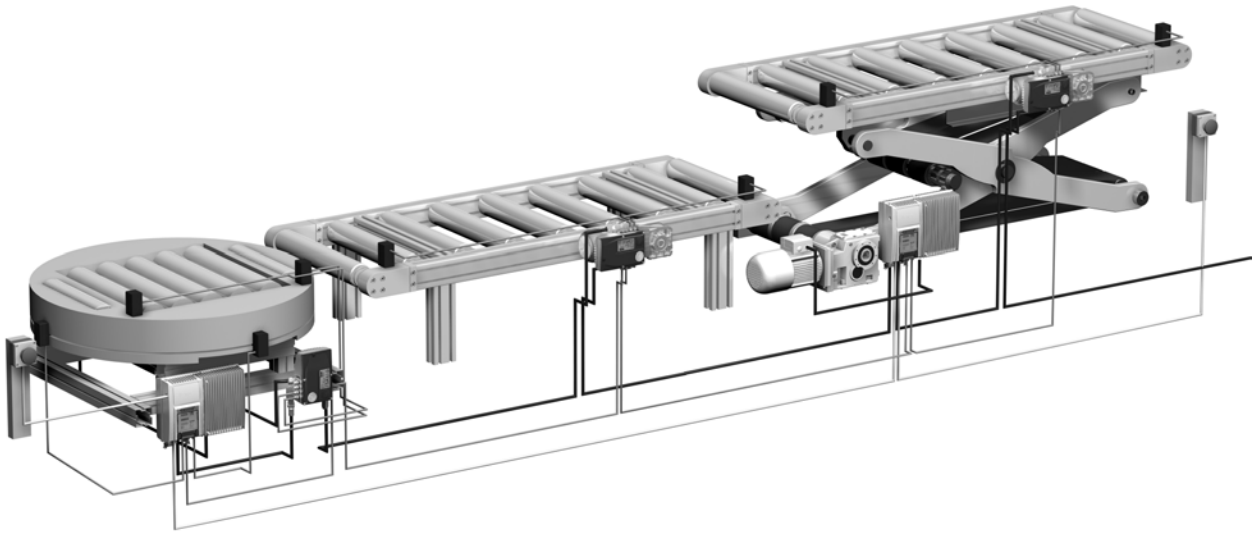
New concept three-phase AC motors
Alongside the L-force MD and MH three-phase AC motors (IE2), a drive package tailored specifically for the MF motor series is now available for the first time.

The L-force three-phase motors of the type MF make consistent use of the potential of inverter operation, thus taking the strain off the budget at the same time:
- Compact: Up to 2 sizes smaller than a conventional three-phase motor
- Energy efficient: surpasses the minimum efficiency levels of efficiency class IE2
- Dynamic: Moments of inertia the same as those of a servo motor
- Variable: large speed range (1:24)

L-force gearboxes with extremely high efficiency
The efficiency levels of the right-angle and axial gearboxes of the L-force series ensure that energy is output to the application with almost no losses at all. The modular underlying concept and the high power density enable especially compact drive packages.

Decentralised drive technology

Lenze supplies decentralised drive solutions based on a highly effective concept and, as a result, is able to cut down your costs. Whether during installation, commissioning or when servicing has to be carried out, decentralised drive solutions save time in all phases of the value-added chain.
Shorter motor cables with lower losses, local cabling of sensors, integrated EMC filter, flexible installation directly in the process, reduced costs for the control cabinet and less cooling required. The advantages that decentralised drive technology is known to possess have been consistently improved upon in drive solutions with the decentralised 8400 motec and 8400 protec inverters.



Plug-in power supply
The inverters can be directly integrated into an existing energy bus by means of the existing connection techniques (screw connections or plug-in connections). It is also easy to loop-through the mains connection.

Communication
8400 motec and protec decentralised inverters support communication via CANopen, PROFIBUS or PROFINET.
In addition, the 8400 motec allows communication via AS interface and EtherCAT.
The communication connections are designed to be pluggable so that the inverter can be reliably integrated into the overall machine concept.

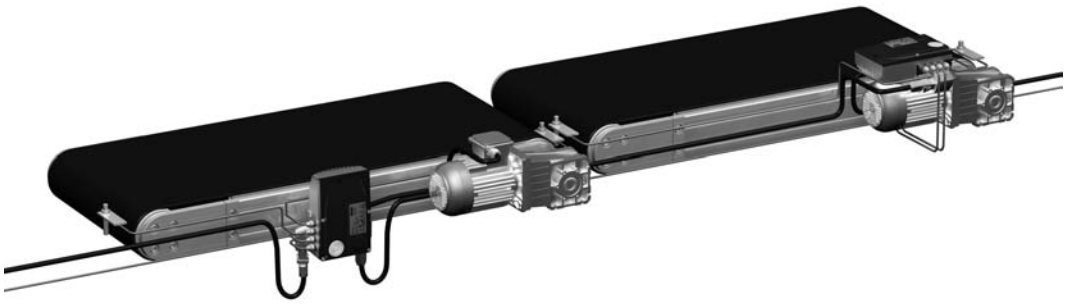
Memory Module
The Memory Module functions as a central memory unit for all the inverter's parameters. The module is parameterised before inverter commissioning and is then simply plugged in. If the event of service, it is only necessary to replace the device.

Safety engineering
Safety functions in the inverter are available as an option. Frequently used functions such as STO (Safe Torque Off) can therefore by used via the inverter directly.

Solutions with decentralised inverters 8400 motec

Solutions involving the 8400 motec are characterised by their compact design, flexibility and straighforwardness.

- L-force MF motors enable you to create innovative solutions in cases where the inverter has to be separate from the motor for reasons of space.
- Thanks to the high degree of flexibility that stems from the optional connection modules and support for various types of fieldbus, you can easily integrate these products into your preferred system technology. There is no need whatsoever for any additional field distributors and cables.
- The commissioning options, which even allow commissioning without tools, are tailored to the application. In conjunction with the plug-in design, this ensures quick and easy commissioning with little opportunity for errors.



Solutions with decentralised inverters 8400 protec

The 8400 protec is really able to show off its strengths in the context of solutions that call for integrated safety or high levels of availability or that demand more in terms of functionality.

- As well as allowing the connection of local safety elements and safe communication via PROFIsafe, the 8400 protec also offers a series of safety functions.
- The large display, detailed status information and local control elements all help to keep standstill times to an absolute minimum.
- Whether in relation to positioning, torque control or function block programming, the 8400 protec supports the same functions as the tried-and-tested 8400 product platform.

Our quality standards in terms of development, material selection, production and assembly satisfy the very high requirements that a durable drive system entails.

The striking design – cubic and compact – integrates seamlessly into a modern industrial landscape.**Geared motor power range**
Lenze geared motors with the 8400 motec are available in a power range from 0.37 to 3.0 kW.
In the power range from 0.75 to 3.0 kW, the geared motors are also available with the increased motor efficiency of efficiency class IE2.

Operational reliability for use in industrial applications
Even under harsh operating conditions, the reliability of the motors is ensured by
- Insulation class F
- IP55
- Scaled measures for surface and corrosion protection

Motor options
- Spring-applied brake
- Blower
- Thermal contact
- Connectors
- UL/CSA approval: cURus
- CCC approval

Drive controller compatibility
The double-enamelled wire winding with additional phase insulation provides extremely high dielectric strength and has excellent mechanical resistance.

Compact
The modular concept and the high power density due to ground gears with optimised teeth profiles make extremely compact designs possible.

Adaptable and compatible
Lenze geared motors can be adapted to almost any drive task, thanks to the variety of input- and output-end designs that are available.

Easy to integrate
Highly functional housings enable Lenze gearboxes to be integrated into the machine environment easily.

Quiet
Optimised geometry of the gear teeth minimises noise generation.

Closely stepped output speed
The large ratio ranges of the gearboxes combined with the small ratio step φ = 1.12 enable the required output speed to be selected with precision.

Reduced backlash
The two-stage basic concept (three-stage helical-bevel gearboxes), low-backlash connections and the high quality of the teeth (due to precision manufacturing) result in reduced output backlash in comparison with similar gearboxes.

Efficient
The comparatively high efficiency of the gearboxes, in conjunction with the efficient three-phase motors of efficiency class IE2, ensure a uniformly efficient drive system. In this way, all the energy saving potential is exploited.

Gearbox type	GST	GFL	GKR	GKS	GSS
Housing					
Design	Cuboid				
Material	Aluminium / cast iron				
Solid shaft					
Design	with keyway to DIN 6885				
Tolerance	k6 (d ≤ 50 mm) m6 (d > 50 mm)				
Material	Tempered steel C45 or 42CrMo4				
Hollow shaft					
Design		H: with keyway S: smooth			
Tolerance		Bore H7			
Material		Tempered steel C45			
Toothed parts					
Design	Optimised tooth flanks and profile geometry Ground tooth flanks				
Material	Case-hardened steel				Case-hardened steel, bronze (worm gear only)
Shaft-hub joint	1st stage/prestage/helical (bevel) gearbox: Friction-type connection Output stage (= 2nd, 3rd or 4th stage): Friction-type or positive-fit connection				
Shaft sealing rings					
Design	With dust lip				
Material	NB / FP				
Bearing					
Design	Ball bearing / tapered-roller bearing depending on size and design				
Lubricants					
Standard	DIN 51502				
Quantities	corresponding to mounting position (see operating instructions)				
Mechanical efficiency					
1-stage gearboxes [$\eta_{c=1}$]	0.98				
2-stage gearboxes [$\eta_{c=1}$]		0.97	0.96		0.62 ... 0.92 [1]
3-stage gearboxes [$\eta_{c=1}$]		0.95		0.95	0.64 ... 0.92 [1]
4-stage gearboxes [$\eta_{c=1}$]				0.93	
Notes					▶ Dependent on transmission ratio ▶ Housing at operating temperature and teeth run in

[1] → 615 - Efficiencies depending on ratio

Rated power	P_N	[kW]	0.37	0.55	0.75	1.10	1.50	2.20	3.00
Mains voltage range	U_{AC}	[V]	3/PE AC 304 V-0 % ... 524 V+0 %, 45 Hz-0 % ... 65 Hz+0 %						
Enclosure EN 60529			IP55						
Approval Class			CCC cURus [2] GOST-R [1] UkrSepro						
Min. ambient operating temperature	$T_{opr,min}$	[°C]	-20						
Max. ambient temperature for operation	$T_{opr,max}$	[°C]	40						
With power reduction	$T_{opr,max}$	[°C]	60						

[1] On request
[2] In preparation.

2

The thermal power limit, defined by the heat balance, limits the permissible gearbox continuous power. It may be less than the mechanical power ratings listed in the selection tables.

The thermal power limit is affected by:

- The churning losses in the lubricant. These are determined by the mounting position and the circumferential speed of the wheels
- The load and the speed
- The ambient conditions: temperature, air circulation, input or dissipation via shafts and the foundation

Please consult your Lenze subsidiary

- if the following input speeds n_1 are exceeded on a continuous basis (continuous is defined as more than 8 h/day):

Motor frame size	Mounting position A, B, E, F	Mounting position C, D
063 ... 100	3000 r/min	3000 r/min

- if the following input speeds n_1 are exceeded:

Motor frame size	Mounting position A, B, E, F	Mounting position C, D
063 ... 100	4000 r/min	3000 r/min

- or if you are using the following gearbox type, size and ratio combinations at an input speed of $n_1 > 1500$ r/min:

Gearbox type	Gearbox size	Ratio i
GST helical gearbox	07, 09, 11, 14	≤ 10
GFL shaft-mounted helical gearbox	07, 09, 11, 14	≤ 16
GKS helical-bevel gearbox	07, 09, 11, 14	≤ 25

Possible ways of extending the application area

- Synthetic lubricant (option)
- Shaft sealing rings made from FP material/Viton (option)
- Reduction in lubricant quantity
- Cooling of the geared motor by means of air convection on the machine/system

Gearboxes without ventilation
No ventilation measures are required for the following gearboxes:

- GST03 / 04
- GFL04
- GKR03...05
- GKS04
- GSS04

Gearboxes that may optionally be equipped with ventilation
Special measures are not usually required when using these gearboxes. In borderline cases, e.g. at input speeds > 2000 r/min, we recommend the use of breather elements which we can supply if required.

- GST05
- GFL05
- GKS05

Gearboxes with ventilation
The following gearboxes are supplied with breather elements as standard:

- GST06...14
- GFL06...14
- GKR06
- GKS06...14
- GSS05...07

Special measures for mounting position C (motor on top)
We recommend that an oil compensation reservoir is always used with gearbox sizes G□□09...14 in this mounting position. This reservoir can be purchased as an option. For illustrations and measures according to gearbox type see under Ventilation G□□ [⊗].

It is not required at higher ratios or low input speeds. Please contact Lenze in this event.

Lenze gearboxes and geared motors are ready for operation on delivery and are filled with lubricants that are specific to both the drive and the design. The mounting position and design specified in the order are decisive factors in choosing the volume of lubricant.

The lubricants listed in the lubricant table are approved for use in Lenze drives.

Lubricant table

Designation	CLP 460	CLP PG 460	CLP HC 320	CLP HC 220 USDA H1
Gearbox type	GST / GFL / GKR / GKS	GSS	GST / GFL / GKR / GKS	GST / GFL / GKR / GKS / GSS
Ambient temperature [°C]	0 ... +40	-20 ... +40	-25 ... +50	-20 ... +40
Specification	Mineral based oil with additives	Synthetic-based oil (polyglycol)	Synthetic-based oil (synthetic hydrocarbon / poly-alpha-olefin oil)	
Note		Cannot be mixed with other oil types.		For food processing industry
Changing interval	16000 operating hours not later than after three years (oil temperature 70...80 °C)	25000 operating hours not later than after three years (oil temperature 70...80 °C)		16000 operating hours not later than after three years (oil temperature 70...80 °C)
Fuchs	Fuchs Renolin CLP 460		Fuchs Renolin Unisyn CLP 320	
Klüber	Klüberoil GEM1-460 N	Klübersynth GH 6-460	Klübersynth GEM4-320 N	Klüberoil 4 UH1-220 N
Shell	Shell Omala 460	Shell Tivela S 460	Shell Omala Oil HD 320	Shell Cassida Fluid GL 220

- Please contact your Lenze office if you are operating in areas with < -20 °C or >ambient temperatures +40°C.
- Caution: when using the lubricant CLP HC 220 on the GSS helical-worm gearbox, the torque M_2 must be reduced to 80 % of the values stated in the catalogue!

For optimum protection of geared motors against ambient conditions, the surface and corrosion protection system (OKS) offers tailor-made solutions.

Various surface coatings combined with other protective measures ensure that the geared motors operate reliably even at high air humidity, in outdoor installation or in the presence of atmospheric impurities. Any colour from the RAL Classic collection can be chosen for the top coat. The geared motors are also available unpainted (no surface and corrosion protection).

OKS-G (primed)

Applications
- Dependent on subsequent top coat applied

Measures
- 1K primer (grey)
- Screws zinc-coated
- Stainless breather elements

Optional measures
- Stainless steel rating plate

OKS-S

Applications
- Standard applications
- Indoor installation in heated buildings
- Air humidity up to 90%

Measures
- Surface coating in accordance with corrosivity category C1 (in accordance with EN 12944-2)
- Screws zinc-coated
- Stainless breather elements

Optional measures
- Stainless steel rating plate

OKS-M

Applications
- Indoor installation in unheated buildings
- Outdoor installation in covered, protected area
- Air humidity up to 95 %

Measures
- Surface coating in accordance with corrosivity category C2 (in accordance with EN 12944-2)
- Screws zinc-coated
- Stainless breather elements

Optional measures
- Stainless steel shaft
- Stainless steel rating plate
- Rust-free shrink disc (on request)

OKS-L

Applications
- Outdoor installation
- Air humidity over 95%
- Chemical industrial plants
- Food industry

Measures
- Surface coating in accordance with corrosivity category C3 (in accordance with EN 12944-2)
- Fan cover and B end shield additionally primed
- Cable glands with gaskets
- Corrosion-resistant brake with cover ring, stainless friction plate, and chrome-plated armature plate (on request)
- All screws/screw plugs zinc-coated
- Stainless breather elements
- Threaded holes that are not used are closed by means of plastic plugs

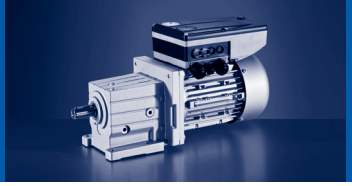
Optional measures
- Sealed recesses on motor (on request)
- Stainless steel shaft
- Stainless steel rating plate
- Rust-free shrink disc (on request)
- Additional priming coat on cast iron fan
- Oil expansion tank and torque plates painted separately and supplied loose

A blower cannot be used in combination with OKS-L.

Structure of surface coating

Surface and corrosion protection system	Without	OKS-G	OKS-S	OKS-M	OKS-L
Corrosivity category according to DIN EN ISO 12944-2			C1	C2	C3
Structure of the surface coating					
Dipping primer					
1K primer					
2K-EP primer					
2K-PUR top coat					
Colour		Grey	Standard: RAL 7012 Optional: According to RAL Classic		

- The gearboxes GST 03 and GKR 03 ... 06 have an aluminium housing, therefore a dipping primer is dispensed with in the case of these gearboxes.

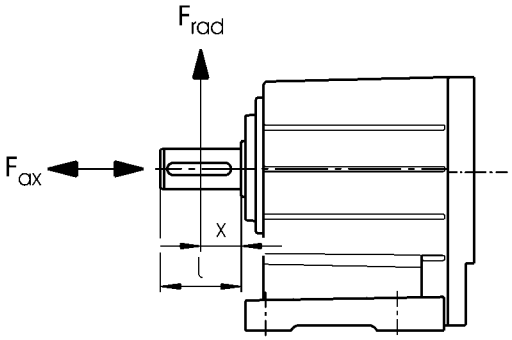


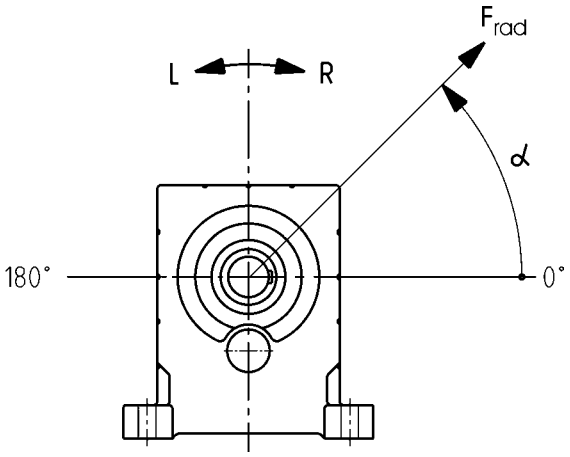
Permissible radial and axial forces at output

Permissible radial force
$F_{rad,per} = \min(f_w \times f_\alpha \times F_{rad,max}\ ;\ f_w \times F_{rad,max}$ at $n_2 \leq 50$ r/min)

Permissible axial force
$F_{ax,per} = F_{ax,max}$ if $F_{rad} = 0$

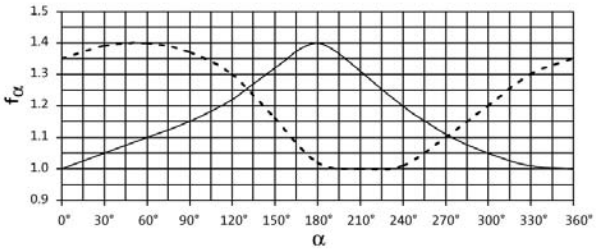
If F_{rad} **and** $F_{ax} \neq 0$, please contact Lenze.



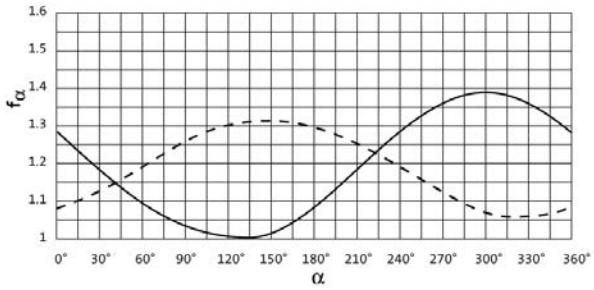


Effective direction factor f_α at output shaft

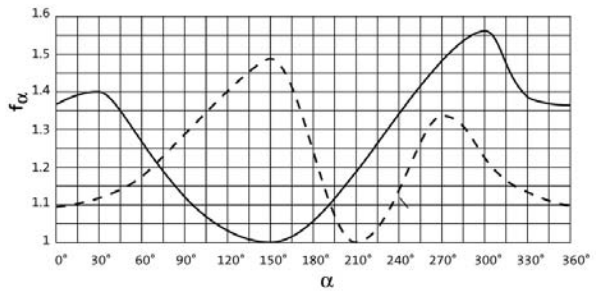
GST03-2



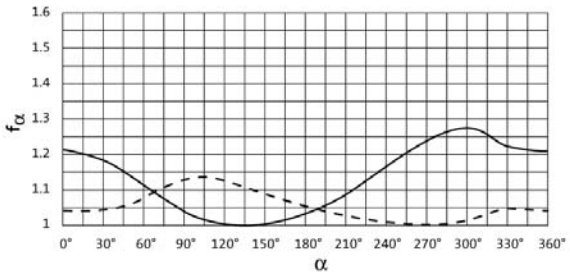
GST04...09-1



GST04...09-2, 3

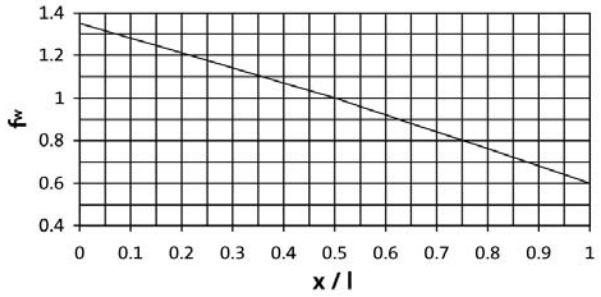
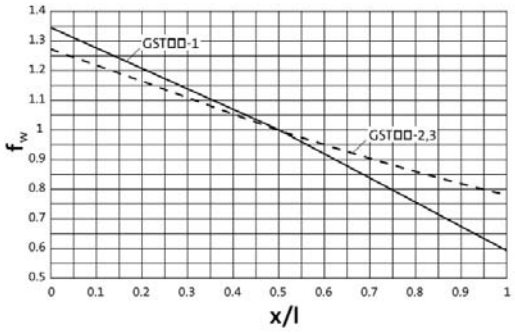


GST11...14-2, 3



——— Direction of rotation R
— — — Direction of rotation L

Additional load factor f_w at output shaft

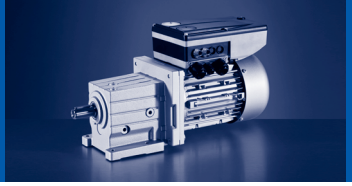
GST03-2	GST04...09-1, 2, 3
	

3

GST□□-1

Size	n_2 [r/min]								
Gearbox	2500	1600	1000	600	400	200	125	80	≤50
	Max. radial force, Solid shaft								
	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$
	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]
GST04	100	180	440	600	850	1050	1050	1050	1050
GST05	100	250	550	750	1400	2000	2300	2300	2300
GST06	200	600	800	800	1100	2200	2900	3500	3500
GST07	700	1000	1200	1300	1900	3000	3900	4700	5300
GST09	1750	2200	2500	2500	3500	6200	7900	9000	9500
	Max. axial force, Solid shaft								
	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$
	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]
GST04	600	800	1000	1300	1400	1400	1400	1400	1400
GST05	800	1100	1400	2000	2000	2000	2000	2000	2000
GST06	900	1200	1500	2000	2500	2500	2500	2500	2500
GST07	1200	1600	2000	2700	3300	3700	3700	3700	3700
GST09	2500	3400	4300	5700	6800	7000	7000	7000	7000

- Application of force F_{rad}: centre of shaft journal (x = l/2)
- $F_{ax,max}$ only valid with F_{rad} = 0



GST□□-2 / 3 with standard bearings

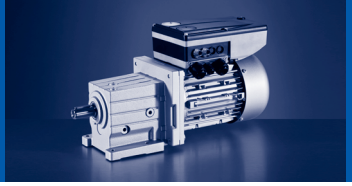
Size	n_2 [r/min]									
Gearbox	1000	630	400	250	160	100	63	40	25	≤16
	Max. radial force, Solid shaft									
	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$
	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]
GST03	100	300	630	710	800	920	1100	1400	1500	1500
GST04	730	950	1250	1450	1700	2100	2500	2650	2650	2650
GST05	1150	1500	1950	2200	2600	3000	3500	3800	3900	3900
GST06	140	750	2350	2600	3100	3600	4300	4350	4350	4350
GST07	140	2050	3400	3800	4500	5400	6400	7600	9100	9500
GST09	1500	1950	6800	7600	9400	11500	11500	11500	11500	11500
GST11	11500	14400	17000	19000	21000	21000	21000	21000	21000	21000
GST14	16600	20700	24000	27000	31000	36000	39000	40000	40000	40000
	Max. axial force, Solid shaft									
	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$
	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]
GST03	300	400	600	700	800	900	1000	1000	1000	1000
GST04	600	800	1100	1300	1650	2000	2000	2000	2000	2000
GST05	1200	1600	2000	2300	2650	3100	3600	3600	3600	3600
GST06	500	600	850	900	1250	1800	2600	3600	4800	4800
GST07	1100	1500	1900	2200	2900	3900	5300	7000	7000	7000
GST09	1300	1800	2300	2800	4000	5600	8100	11000	12000	12000
GST11	5700	7600	9500	10000	11000	14000	16000	16000	16000	16000
GST14	9000	12000	15000	16000	18000	20000	20000	20000	20000	20000

- Application of force F_{rad}: centre of shaft journal (x = l/2)
- $F_{ax,max}$ only valid with F_{rad} = 0

GST□□-2 / 3 with reinforced bearing

Size	n_2 [r/min]									
Gearbox	1000	630	400	250	160	100	63	40	25	≤16
	Max. radial force, Solid shaft (reinforced bearings))									
	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$
	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]
GST04	1900	2350	2850	3150	3550	3750	3750	3750	3750	3750
GST05	3350	3950	4900	5400	5400	5400	5400	5400	5400	5400
GST06	4250	5100	6300	7000	7700	7700	7700	7700	7700	7700
GST07	5650	6850	8500	9500	10500	12500	13000	13000	13000	13000
GST09	11300	14000	16500	17000	17000	17000	17000	17000	17000	17000
	Max. axial force, Solid shaft (reinforced bearings))									
	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$
	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]
GST04	1000	1300	1700	1900	2200	2500	2500	2500	2500	2500
GST05	2100	2800	3600	3900	4300	4500	4500	4500	4500	4500
GST06	2100	2800	3500	3600	4200	4900	5700	5700	5700	5700
GST07	3300	4400	5500	6100	7100	8300	9000	9000	9000	9000
GST09	4800	6400	8000	9000	10500	12500	14000	14000	14000	14000

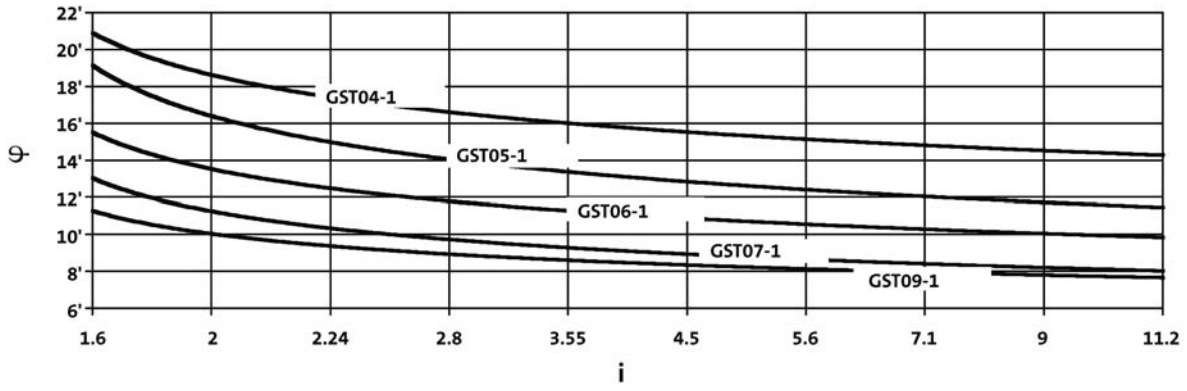
- Application of force F_{rad}: centre of shaft journal (x = l/2)
- $F_{ax,max}$ only valid with F_{rad} = 0



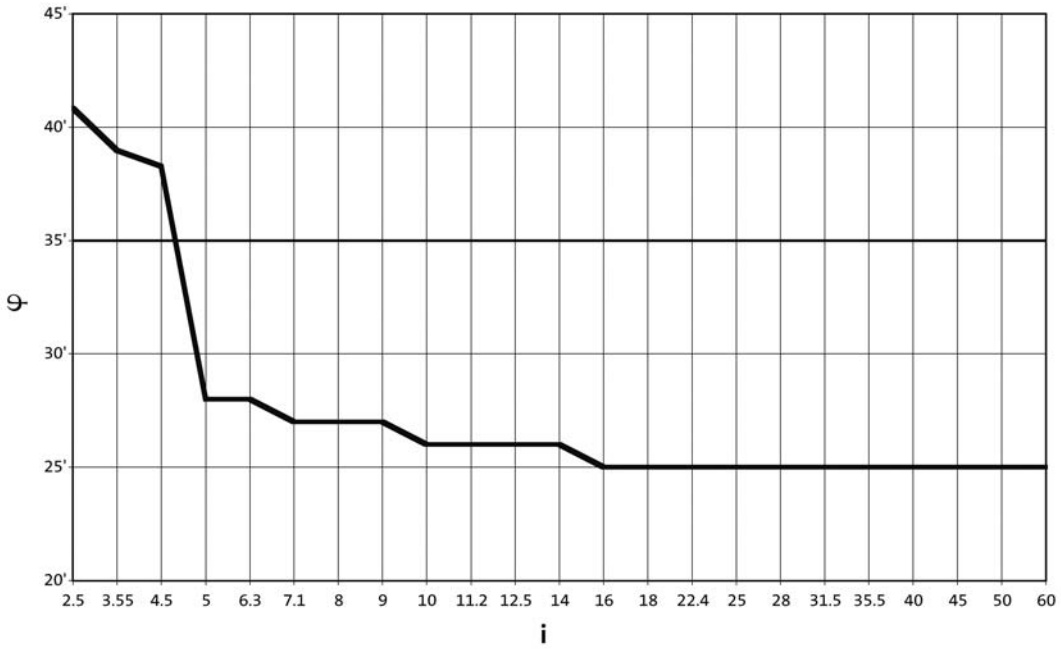
Output backlash in angular minutes

► Backlash φ depending on ratio i

GST04...09-1

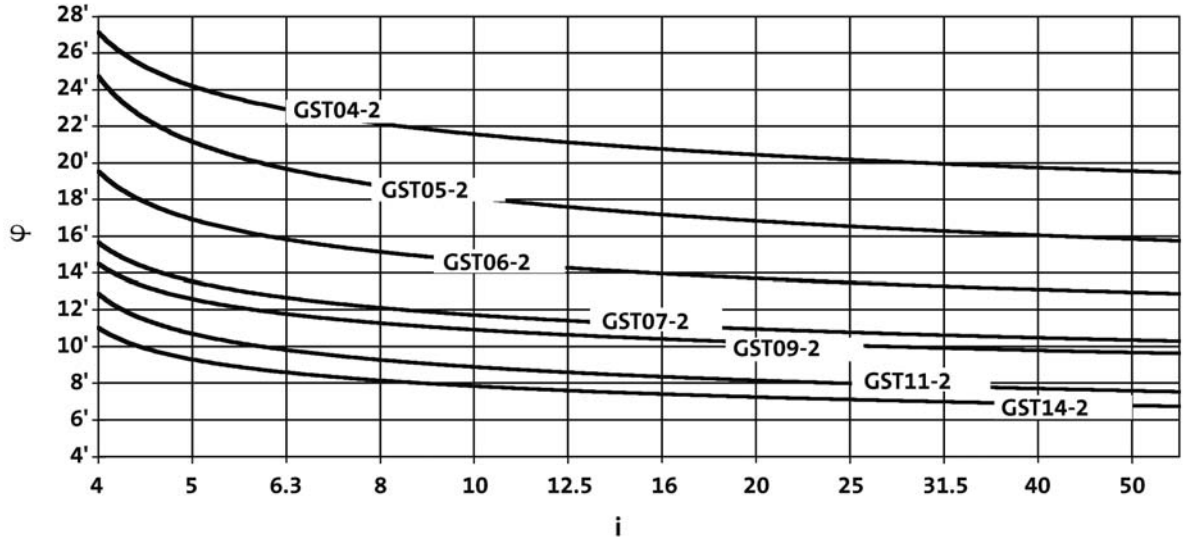


GST03-2

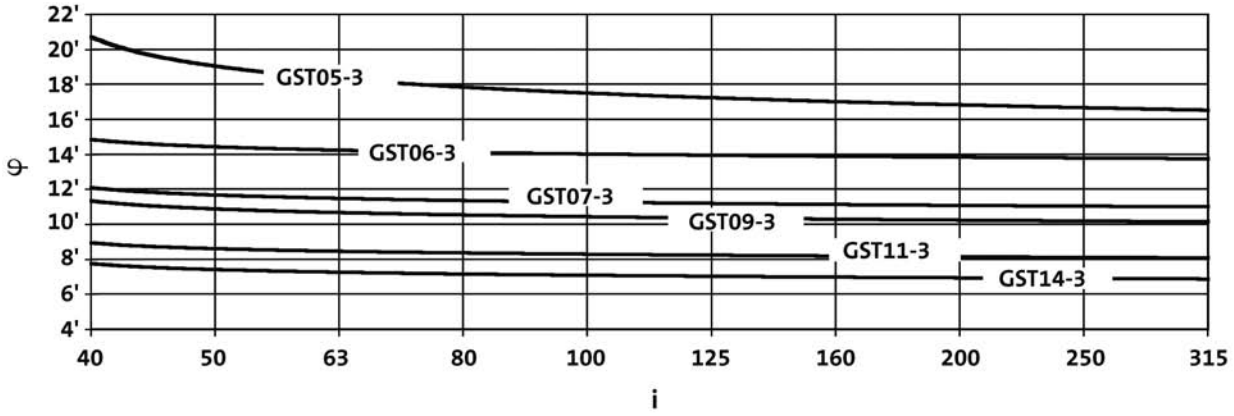


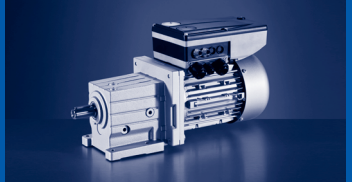
► Backlash φ depending on ratio i

GST04...14-2



GST05...14-3





GST□□-1

- Moment of inertia (J) depending on ratio i

Gearbox			GST04
1.600	J	[kgcm²]	0.267
2.048	J	[kgcm²]	0.194
2.240	J	[kgcm²]	0.172
2.857	J	[kgcm²]	0.126
3.500	J	[kgcm²]	0.099
4.400	J	[kgcm²]	0.067
5.667	J	[kgcm²]	0.047
7.182	J	[kgcm²]	0.031
9.000	J	[kgcm²]	0.022
11.857	J	[kgcm²]	0.013

Gearbox			GST05
1.600	J	[kgcm²]	0.760
2.048	J	[kgcm²]	0.549
2.240	J	[kgcm²]	0.480
2.857	J	[kgcm²]	0.354
3.500	J	[kgcm²]	0.272
4.556	J	[kgcm²]	0.175
5.667	J	[kgcm²]	0.129
7.333	J	[kgcm²]	0.062
8.900	J	[kgcm²]	0.060
11.375	J	[kgcm²]	0.039

Gearbox			GST06
1.600	J	[kgcm²]	2.010
2.048	J	[kgcm²]	1.460
2.240	J	[kgcm²]	1.270
2.857	J	[kgcm²]	0.969
3.500	J	[kgcm²]	0.736
4.556	J	[kgcm²]	0.481
5.667	J	[kgcm²]	0.359
7.333	J	[kgcm²]	0.226
8.900	J	[kgcm²]	0.167
11.250	J	[kgcm²]	0.109

Gearbox			GST07
1.625	J	[kgcm²]	6.120
2.000	J	[kgcm²]	4.780
2.240	J	[kgcm²]	4.020
2.857	J	[kgcm²]	2.690
3.500	J	[kgcm²]	2.150
4.556	J	[kgcm²]	1.370
5.583	J	[kgcm²]	1.050
7.333	J	[kgcm²]	0.664
8.900	J	[kgcm²]	0.494
11.250	J	[kgcm²]	0.320

Gearbox			GST09
1.560	J	[kgcm²]	22.200
2.048	J	[kgcm²]	15.600
2.333	J	[kgcm²]	12.200
2.810	J	[kgcm²]	9.580
3.444	J	[kgcm²]	7.300
4.667	J	[kgcm²]	4.600
5.667	J	[kgcm²]	3.510
7.333	J	[kgcm²]	2.260
8.900	J	[kgcm²]	1.660
11.250	J	[kgcm²]	1.110

- The moments of inertia relate to the drive shaft of the gearbox.
- The total moment of inertia is calculated by adding the values of gearbox, motor and accessories.

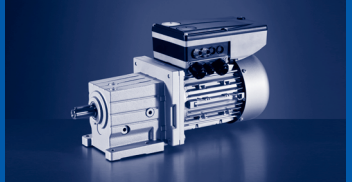
GST□□-2

- Moment of inertia (J) depending on ratio i

Gearbox			GST03
2.597	J	[kgcm²]	0.260
3.413	J	[kgcm²]	0.169
4.368	J	[kgcm²]	0.117
5.312	J	[kgcm²]	0.179
5.965	J	[kgcm²]	0.173
6.982	J	[kgcm²]	0.122
7.840	J	[kgcm²]	0.119
8.935	J	[kgcm²]	0.089
10.033	J	[kgcm²]	0.086
11.429	J	[kgcm²]	0.059
12.833	J	[kgcm²]	0.057
14.836	J	[kgcm²]	0.041
16.660	J	[kgcm²]	0.040
19.013	J	[kgcm²]	0.028
21.350	J	[kgcm²]	0.027
24.595	J	[kgcm²]	0.019
27.618	J	[kgcm²]	0.019
32.000	J	[kgcm²]	0.012
35.933	J	[kgcm²]	0.012
41.455	J	[kgcm²]	0.008
46.550	J	[kgcm²]	0.008
52.909	J	[kgcm²]	0.005
59.413	J	[kgcm²]	0.005

Gearbox			GST04
2.956	J	[kgcm²]	0.337
3.333	J	[kgcm²]	0.324
4.053	J	[kgcm²]	0.312
4.571	J	[kgcm²]	0.300
5.187	J	[kgcm²]	0.222
5.850	J	[kgcm²]	0.215
6.400	J	[kgcm²]	0.189
7.040	J	[kgcm²]	0.264
8.000	J	[kgcm²]	0.257
9.010	J	[kgcm²]	0.193
9.856	J	[kgcm²]	0.170
11.200	J	[kgcm²]	0.166
12.571	J	[kgcm²]	0.126
14.286	J	[kgcm²]	0.123
15.400	J	[kgcm²]	0.098
17.500	J	[kgcm²]	0.097
19.360	J	[kgcm²]	0.063
22.000	J	[kgcm²]	0.062
24.933	J	[kgcm²]	0.044
28.333	J	[kgcm²]	0.043
31.600	J	[kgcm²]	0.030
35.909	J	[kgcm²]	0.030
39.600	J	[kgcm²]	0.021
45.000	J	[kgcm²]	0.021
52.171	J	[kgcm²]	0.013
59.286	J	[kgcm²]	0.013

- The moments of inertia relate to the drive shaft of the gearbox.
- The total moment of inertia is calculated by adding the values of gearbox, motor and accessories.

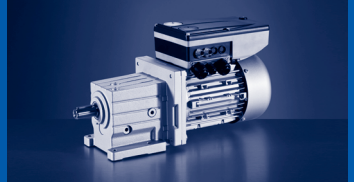


- Moment of inertia (J) depending on ratio i

Gearbox			GST05
2.956	J	[kgcm²]	0.986
3.333	J	[kgcm²]	0.944
4.053	J	[kgcm²]	0.903
4.571	J	[kgcm²]	0.864
5.187	J	[kgcm²]	0.637
5.850	J	[kgcm²]	0.613
6.400	J	[kgcm²]	0.533
7.238	J	[kgcm²]	0.400
8.163	J	[kgcm²]	0.388
9.010	J	[kgcm²]	0.543
10.000	J	[kgcm²]	0.300
11.200	J	[kgcm²]	0.462
13.016	J	[kgcm²]	0.178
14.356	J	[kgcm²]	0.131
16.190	J	[kgcm²]	0.128
17.500	J	[kgcm²]	0.271
20.044	J	[kgcm²]	0.164
22.778	J	[kgcm²]	0.161
24.933	J	[kgcm²]	0.119
28.333	J	[kgcm²]	0.117
32.267	J	[kgcm²]	0.079
36.667	J	[kgcm²]	0.078
39.160	J	[kgcm²]	0.058
44.500	J	[kgcm²]	0.057
50.050	J	[kgcm²]	0.039
56.875	J	[kgcm²]	0.038

Gearbox			GST06
3.033	J	[kgcm²]	2.720
3.333	J	[kgcm²]	2.610
4.160	J	[kgcm²]	2.510
4.571	J	[kgcm²]	2.410
5.324	J	[kgcm²]	1.760
5.850	J	[kgcm²]	1.710
6.400	J	[kgcm²]	1.470
7.040	J	[kgcm²]	2.070
8.163	J	[kgcm²]	1.060
9.010	J	[kgcm²]	1.500
10.000	J	[kgcm²]	0.820
11.200	J	[kgcm²]	1.260
12.571	J	[kgcm²]	0.955
14.286	J	[kgcm²]	0.932
15.400	J	[kgcm²]	0.748
17.500	J	[kgcm²]	0.733
20.044	J	[kgcm²]	0.457
22.778	J	[kgcm²]	0.450
24.933	J	[kgcm²]	0.332
28.333	J	[kgcm²]	0.326
32.267	J	[kgcm²]	0.221
36.667	J	[kgcm²]	0.218
39.160	J	[kgcm²]	0.162
44.500	J	[kgcm²]	0.160
49.500	J	[kgcm²]	0.110
56.250	J	[kgcm²]	0.108

- The moments of inertia relate to the drive shaft of the gearbox.
- The total moment of inertia is calculated by adding the values of gearbox, motor and accessories.

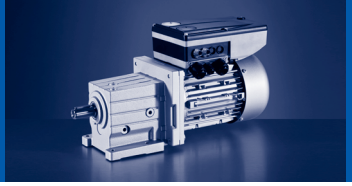


► Moment of inertia (J) depending on ratio i

Gearbox			GST07
3.048	J	[kgcm²]	8.200
3.350	J	[kgcm²]	7.920
4.225	J	[kgcm²]	7.650
4.643	J	[kgcm²]	7.390
5.200	J	[kgcm²]	5.640
5.714	J	[kgcm²]	5.460
6.400	J	[kgcm²]	4.490
7.150	J	[kgcm²]	6.270
8.125	J	[kgcm²]	6.040
8.800	J	[kgcm²]	4.730
9.856	J	[kgcm²]	3.900
11.200	J	[kgcm²]	3.780
12.571	J	[kgcm²]	2.860
14.286	J	[kgcm²]	2.790
15.400	J	[kgcm²]	2.260
17.500	J	[kgcm²]	2.210
20.044	J	[kgcm²]	1.380
22.778	J	[kgcm²]	1.350
24.567	J	[kgcm²]	1.020
27.917	J	[kgcm²]	1.010
32.267	J	[kgcm²]	0.664
36.667	J	[kgcm²]	0.653
39.160	J	[kgcm²]	0.487
44.500	J	[kgcm²]	0.479
49.500	J	[kgcm²]	0.330
56.250	J	[kgcm²]	0.325

Gearbox			GST09
4.056	J	[kgcm²]	27.000
4.457	J	[kgcm²]	25.900
5.324	J	[kgcm²]	18.100
5.850	J	[kgcm²]	17.500
6.667	J	[kgcm²]	14.200
7.305	J	[kgcm²]	11.300
8.027	J	[kgcm²]	11.000
9.010	J	[kgcm²]	15.200
10.267	J	[kgcm²]	12.400
11.667	J	[kgcm²]	12.100
12.362	J	[kgcm²]	9.790
14.048	J	[kgcm²]	9.530
15.156	J	[kgcm²]	7.650
17.222	J	[kgcm²]	7.490
20.533	J	[kgcm²]	4.500
23.333	J	[kgcm²]	4.410
24.933	J	[kgcm²]	3.380
28.333	J	[kgcm²]	3.320
32.267	J	[kgcm²]	2.250
36.667	J	[kgcm²]	2.210
39.160	J	[kgcm²]	1.640
44.500	J	[kgcm²]	1.620
49.500	J	[kgcm²]	1.120
56.250	J	[kgcm²]	1.100

► The moments of inertia relate to the drive shaft of the gearbox.
► The total moment of inertia is calculated by adding the values of gearbox, motor and accessories.



GST□□-3

- Moment of inertia (J) depending on ratio i

Gearbox			GST05
36.267	J	[kgcm²]	0.195
46.259	J	[kgcm²]	0.141
56.667	J	[kgcm²]	0.108
63.467	J	[kgcm²]	0.192
71.238	J	[kgcm²]	0.073
80.952	J	[kgcm²]	0.139
91.746	J	[kgcm²]	0.050
99.167	J	[kgcm²]	0.107
116.277	J	[kgcm²]	0.033
124.667	J	[kgcm²]	0.072
145.714	J	[kgcm²]	0.023
160.556	J	[kgcm²]	0.050
179.067	J	[kgcm²]	0.033
191.973	J	[kgcm²]	0.014
224.400	J	[kgcm²]	0.023
255.000	J	[kgcm²]	0.023
295.638	J	[kgcm²]	0.014
335.952	J	[kgcm²]	0.014

Gearbox			GST06
39.200	J	[kgcm²]	0.362
44.000	J	[kgcm²]	0.195
51.022	J	[kgcm²]	0.320
53.900	J	[kgcm²]	0.178
67.760	J	[kgcm²]	0.114
70.156	J	[kgcm²]	0.160
80.952	J	[kgcm²]	0.203
87.267	J	[kgcm²]	0.150
99.167	J	[kgcm²]	0.150
109.707	J	[kgcm²]	0.096
124.667	J	[kgcm²]	0.096
141.289	J	[kgcm²]	0.063
160.556	J	[kgcm²]	0.063
179.067	J	[kgcm²]	0.043
203.485	J	[kgcm²]	0.042
231.733	J	[kgcm²]	0.040
255.000	J	[kgcm²]	0.029
290.400	J	[kgcm²]	0.027
330.000	J	[kgcm²]	0.027
382.590	J	[kgcm²]	0.026
434.762	J	[kgcm²]	0.025

Gearbox			GST07
39.200	J	[kgcm²]	0.974
44.000	J	[kgcm²]	0.534
51.022	J	[kgcm²]	0.843
53.900	J	[kgcm²]	0.484
65.079	J	[kgcm²]	0.313
70.156	J	[kgcm²]	0.431
79.762	J	[kgcm²]	0.536
85.983	J	[kgcm²]	0.400
97.708	J	[kgcm²]	0.399
111.915	J	[kgcm²]	0.238
127.176	J	[kgcm²]	0.237
139.211	J	[kgcm²]	0.166
158.194	J	[kgcm²]	0.166
180.156	J	[kgcm²]	0.108
204.722	J	[kgcm²]	0.107
236.622	J	[kgcm²]	0.101
248.458	J	[kgcm²]	0.077
268.889	J	[kgcm²]	0.101
326.333	J	[kgcm²]	0.073
367.033	J	[kgcm²]	0.094
417.083	J	[kgcm²]	0.067

Gearbox			GST09
40.136	J	[kgcm²]	2.140
43.267	J	[kgcm²]	1.550
49.167	J	[kgcm²]	1.530
53.044	J	[kgcm²]	1.380
60.278	J	[kgcm²]	1.370
71.867	J	[kgcm²]	1.170
81.667	J	[kgcm²]	1.160
93.541	J	[kgcm²]	0.706
99.167	J	[kgcm²]	1.070
113.585	J	[kgcm²]	0.652
129.074	J	[kgcm²]	0.649
141.289	J	[kgcm²]	0.458
160.556	J	[kgcm²]	0.456
182.844	J	[kgcm²]	0.297
207.778	J	[kgcm²]	0.295
236.622	J	[kgcm²]	0.275
252.167	J	[kgcm²]	0.212
268.889	J	[kgcm²]	0.275
326.333	J	[kgcm²]	0.198
363.000	J	[kgcm²]	0.255
412.500	J	[kgcm²]	0.183

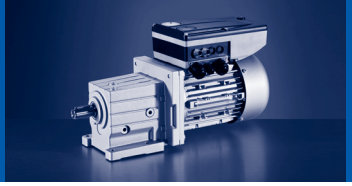
- The moments of inertia relate to the drive shaft of the gearbox.
- The total moment of inertia is calculated by adding the values of gearbox, motor and accessories.

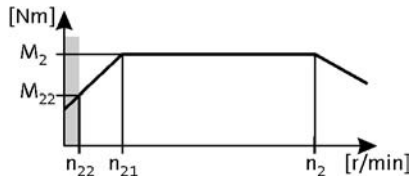
► Moment of inertia (J) depending on ratio i

Gearbox			GST11
40.816	J	[kgcm²]	6.360
44.000	J	[kgcm²]	5.660
50.000	J	[kgcm²]	5.600
57.968	J	[kgcm²]	4.770
61.250	J	[kgcm²]	4.080
71.011	J	[kgcm²]	3.520
80.694	J	[kgcm²]	3.500
87.267	J	[kgcm²]	3.220
99.167	J	[kgcm²]	3.200
112.933	J	[kgcm²]	2.930
129.074	J	[kgcm²]	1.940
146.993	J	[kgcm²]	1.770
158.194	J	[kgcm²]	1.400
180.156	J	[kgcm²]	1.290
207.778	J	[kgcm²]	0.880
236.622	J	[kgcm²]	0.818
252.167	J	[kgcm²]	0.633
268.889	J	[kgcm²]	0.816
326.333	J	[kgcm²]	0.589
363.000	J	[kgcm²]	0.756
412.500	J	[kgcm²]	0.545

Gearbox			GST14
40.185	J	[kgcm²]	24.400
42.580	J	[kgcm²]	18.300
48.386	J	[kgcm²]	18.100
53.148	J	[kgcm²]	20.500
59.321	J	[kgcm²]	13.200
69.042	J	[kgcm²]	11.500
78.457	J	[kgcm²]	11.400
93.541	J	[kgcm²]	6.570
96.157	J	[kgcm²]	10.400
106.296	J	[kgcm²]	6.520
130.278	J	[kgcm²]	6.000
139.211	J	[kgcm²]	4.420
158.194	J	[kgcm²]	4.400
171.111	J	[kgcm²]	5.490
204.722	J	[kgcm²]	2.860
236.622	J	[kgcm²]	2.650
248.458	J	[kgcm²]	2.060
268.889	J	[kgcm²]	2.650
326.333	J	[kgcm²]	1.920
363.000	J	[kgcm²]	2.450
412.500	J	[kgcm²]	1.780

► The moments of inertia relate to the drive shaft of the gearbox.
► The total moment of inertia is calculated by adding the values of gearbox, motor and accessories.





50 Hz: P_N = 0.37 kW

n_{22} / n_2 = 1 ... 10.0

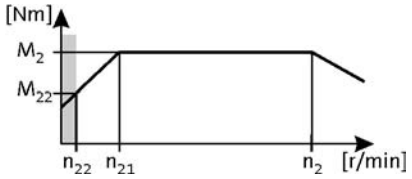
n_1 = 141.0 ... 1410 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
88	375	-	881	3.0	4.0	4.0	1.600	GST04-1M □□□071C32	E84DVB□3714S□1N2G	144
69	293	-	689	3.9	5.0	4.5	2.048	GST04-1M □□□071C32	E84DVB□3714S□1N2G	144
63	268	-	630	4.3	6.0	4.0	2.240	GST05-1M □□□071C32	E84DVB□3714S□1N2G	144
54	231	-	543	4.9	6.0	2.9	2.597	GST03-2M □□□071C32	E84DVB□3714S□1N2G	150
49	210	-	494	5.4	7.0	3.6	2.857	GST04-1M □□□071C32	E84DVB□3714S□1N2G	144
48	203	-	477	5.5	7.0	4.0	2.956	GST04-2M □□□071C32	E84DVB□3714S□1N2G	150
41	176	-	413	6.4	8.0	2.3	3.413	GST03-2M □□□071C32	E84DVB□3714S□1N2G	150
40	171	-	403	6.7	9.0	2.9	3.500	GST04-1M □□□071C32	E84DVB□3714S□1N2G	144
35	148	-	348	7.6	10	4.0	4.053	GST04-2M □□□071C32	E84DVB□3714S□1N2G	150
32	137	-	323	8.2	11	2.0	4.368	GST03-2M □□□071C32	E84DVB□3714S□1N2G	150
32	136	-	321	8.4	11	2.3	4.400	GST04-1M □□□071C32	E84DVB□3714S□1N2G	144
27	116	-	272	9.7	13	4.0	5.187	GST04-2M □□□071C32	E84DVB□3714S□1N2G	150
27	113	-	265	9.9	13	2.1	5.312	GST03-2M □□□071C32	E84DVB□3714S□1N2G	150
25	106	-	249	11	14	1.8	5.667	GST04-1M □□□071C32	E84DVB□3714S□1N2G	144
25	106	-	249	11	14	3.2	5.667	GST05-1M □□□071C32	E84DVB□3714S□1N2G	144
24	101	-	236	11	15	2.0	5.965	GST03-2M □□□071C32	E84DVB□3714S□1N2G	150
22	94	-	220	12	16	3.5	6.400	GST04-2M □□□071C32	E84DVB□3714S□1N2G	150
20	86	-	202	13	17	1.8	6.982	GST03-2M □□□071C32	E84DVB□3714S□1N2G	150
20	84	-	196	14	18	1.4	7.182	GST04-1M □□□071C32	E84DVB□3714S□1N2G	144
19	82	-	192	14	18	2.6	7.333	GST05-1M □□□071C32	E84DVB□3714S□1N2G	144
19	82	-	192	14	18	3.2	7.333	GST06-1M □□□071C32	E84DVB□3714S□1N2G	144
18	77	-	180	15	19	1.7	7.840	GST03-2M □□□071C32	E84DVB□3714S□1N2G	150
18	75	-	176	15	19	3.0	8.000	GST04-2M □□□071C32	E84DVB□3714S□1N2G	150
16	67	-	158	17	22	1.5	8.935	GST03-2M □□□071C32	E84DVB□3714S□1N2G	150
16	67	-	158	17	22	1.9	8.900	GST05-1M □□□071C32	E84DVB□3714S□1N2G	144
16	67	-	158	17	22	2.8	8.900	GST06-1M □□□071C32	E84DVB□3714S□1N2G	144
16	67	-	157	17	22	1.1	9.000	GST04-1M □□□071C32	E84DVB□3714S□1N2G	144
16	67	-	157	17	22	2.9	9.010	GST04-2M □□□071C32	E84DVB□3714S□1N2G	150
14	61	-	143	19	24	2.7	9.856	GST04-2M □□□071C32	E84DVB□3714S□1N2G	150
14	60	-	141	19	24	1.4	10.033	GST03-2M □□□071C32	E84DVB□3714S□1N2G	150
13	54	-	126	21	27	2.2	11.200	GST04-2M □□□071C32	E84DVB□3714S□1N2G	150
13	53	-	125	21	28	2.2	11.250	GST06-1M □□□071C32	E84DVB□3714S□1N2G	144
12	53	-	124	22	28	1.1	11.375	GST05-1M □□□071C32	E84DVB□3714S□1N2G	144
12	53	-	123	21	28	1.3	11.429	GST03-2M □□□071C32	E84DVB□3714S□1N2G	150
11	48	-	112	24	31	2.3	12.571	GST04-2M □□□071C32	E84DVB□3714S□1N2G	150
11	47	-	110	24	31	1.2	12.833	GST03-2M □□□071C32	E84DVB□3714S□1N2G	150
9.9	42	-	99	27	35	1.8	14.286	GST04-2M □□□071C32	E84DVB□3714S□1N2G	150
9.8	42	-	98	27	35	3.2	14.356	GST05-2M □□□071C32	E84DVB□3714S□1N2G	150
9.5	40	-	95	28	36	1.1	14.836	GST03-2M □□□071C32	E84DVB□3714S□1N2G	150
9.2	39	-	92	29	37	1.9	15.400	GST04-2M □□□071C32	E84DVB□3714S□1N2G	150
8.7	37	-	87	30	39	3.2	16.190	GST05-2M □□□071C32	E84DVB□3714S□1N2G	150

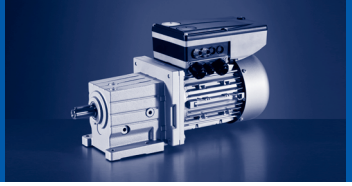
50 Hz: P_N = 0.37 kW

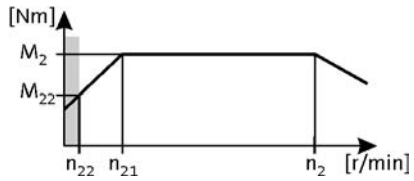
n_{22} / n_2 = 1 ... 10.0

n_1 = 141.0 ... 1410 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
8.5	36	-	85	31	41	1.0	16.660	GST03-2M □□□071C32	E84DVB□3714S□1N2G	150
8.1	34	-	81	33	43	1.5	17.500	GST04-2M □□□071C32	E84DVB□3714S□1N2G	150
7.4	32	-	74	36	46	0.9	19.013	GST03-2M □□□071C32	E84DVB□3714S□1N2G	150
7.3	31	-	73	36	47	1.5	19.360	GST04-2M □□□071C32	E84DVB□3714S□1N2G	150
6.6	28	-	66	40	52	0.9	21.350	GST03-2M □□□071C32	E84DVB□3714S□1N2G	150
6.4	27	-	64	41	54	1.2	22.000	GST04-2M □□□071C32	E84DVB□3714S□1N2G	150
6.2	26	-	62	43	55	2.6	22.778	GST05-2M □□□071C32	E84DVB□3714S□1N2G	150
5.7	24	-	57	47	61	1.2	24.933	GST04-2M □□□071C32	E84DVB□3714S□1N2G	150
5.7	24	-	57	47	61	2.7	24.933	GST05-2M □□□071C32	E84DVB□3714S□1N2G	150
5.0	21	-	50	53	69	0.9	28.333	GST04-2M □□□071C32	E84DVB□3714S□1N2G	150
5.0	21	-	50	53	69	2.1	28.333	GST05-2M □□□071C32	E84DVB□3714S□1N2G	150
4.5	19	-	45	59	77	0.9	31.600	GST04-2M □□□071C32	E84DVB□3714S□1N2G	150
4.4	19	-	44	60	78	2.1	32.267	GST05-2M □□□071C32	E84DVB□3714S□1N2G	150
4.4	19	-	44	60	78	3.2	32.267	GST06-2M □□□071C32	E84DVB□3714S□1N2G	150
3.9	17	-	39	67	87	1.6	36.267	GST05-3M □□□071C32	E84DVB□3714S□1N2G	156
3.9	16	-	39	69	89	1.7	36.667	GST05-2M □□□071C32	E84DVB□3714S□1N2G	150
3.9	16	-	39	69	89	3.2	36.667	GST06-2M □□□071C32	E84DVB□3714S□1N2G	150
3.6	15	-	36	73	95	1.7	39.160	GST05-2M □□□071C32	E84DVB□3714S□1N2G	150
3.6	15	-	36	73	95	2.8	39.160	GST06-2M □□□071C32	E84DVB□3714S□1N2G	150
3.2	14	-	32	83	108	1.4	44.500	GST05-2M □□□071C32	E84DVB□3714S□1N2G	150
3.2	14	-	32	83	108	2.8	44.500	GST06-2M □□□071C32	E84DVB□3714S□1N2G	150
3.2	14	-	32	81	105	3.2	44.000	GST06-3M □□□071C32	E84DVB□3714S□1N2G	156
3.1	13	-	31	85	111	1.3	46.259	GST05-3M □□□071C32	E84DVB□3714S□1N2G	156
2.9	12	-	29	93	120	2.2	49.500	GST06-2M □□□071C32	E84DVB□3714S□1N2G	150
2.8	12	-	28	94	122	1.1	50.050	GST05-2M □□□071C32	E84DVB□3714S□1N2G	150
2.8	12	-	28	94	122	2.7	51.022	GST06-3M □□□071C32	E84DVB□3714S□1N2G	156
2.6	11	-	26	99	129	2.7	53.900	GST06-3M □□□071C32	E84DVB□3714S□1N2G	156
2.5	11	-	25	105	136	1.1	56.667	GST05-3M □□□071C32	E84DVB□3714S□1N2G	156
2.5	11	-	25	107	138	1.1	56.875	GST05-2M □□□071C32	E84DVB□3714S□1N2G	150
2.5	11	-	25	105	137	2.2	56.250	GST06-2M □□□071C32	E84DVB□3714S□1N2G	150
2.2	9.5	-	22	117	152	1.0	63.467	GST05-3M □□□071C32	E84DVB□3714S□1N2G	156
2.1	8.9	-	21	125	162	2.3	67.760	GST06-3M □□□071C32	E84DVB□3714S□1N2G	156
2.0	8.4	-	20	131	171	1.0	71.238	GST05-3M □□□071C32	E84DVB□3714S□1N2G	156
2.0	8.6	-	20	129	168	2.1	70.156	GST06-3M □□□071C32	E84DVB□3714S□1N2G	156
1.7	7.4	-	17	149	194	1.7	80.952	GST06-3M □□□071C32	E84DVB□3714S□1N2G	156
1.6	6.9	-	16	161	209	1.8	87.267	GST06-3M □□□071C32	E84DVB□3714S□1N2G	156
1.4	6.1	-	14	183	238	1.4	99.167	GST06-3M □□□071C32	E84DVB□3714S□1N2G	156
1.3	5.5	-	13	202	263	1.4	109.707	GST06-3M □□□071C32	E84DVB□3714S□1N2G	156
1.3	5.4	-	13	206	268	2.6	111.915	GST07-3M □□□071C32	E84DVB□3714S□1N2G	156
1.1	4.8	-	11	230	299	1.1	124.667	GST06-3M □□□071C32	E84DVB□3714S□1N2G	156
1.1	4.7	-	11	235	305	2.3	127.176	GST07-3M □□□071C32	E84DVB□3714S□1N2G	156





50 Hz: P_N = 0.37 kW

n_{22} / n_2 = 1 ... 10.0

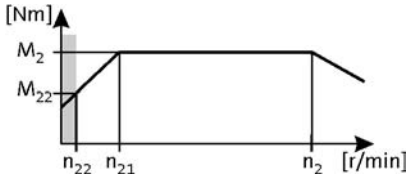
n_1 = 141.0 ... 1410 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
1.0	4.3	-	10	261	338	1.1	141.289	GST06-3M □□□071C32	E84DVB□3714S□1N2G	156
1.0	4.3	-	10	257	333	2.1	139.211	GST07-3M □□□071C32	E84DVB□3714S□1N2G	156
0.9	3.8	-	8.9	292	379	1.9	158.194	GST07-3M □□□071C32	E84DVB□3714S□1N2G	156
0.9	3.7	-	8.8	296	385	0.9	160.556	GST06-3M □□□071C32	E84DVB□3714S□1N2G	156
0.8	3.4	-	7.9	330	429	0.9	179.067	GST06-3M □□□071C32	E84DVB□3714S□1N2G	156
0.8	3.3	-	7.8	332	431	1.6	180.156	GST07-3M □□□071C32	E84DVB□3714S□1N2G	156
0.8	3.3	-	7.7	337	438	3.2	182.844	GST09-3M □□□071C32	E84DVB□3714S□1N2G	156
0.7	2.9	-	6.9	378	490	1.5	204.722	GST07-3M □□□071C32	E84DVB□3714S□1N2G	156
0.7	2.9	-	6.8	383	498	3.2	207.778	GST09-3M □□□071C32	E84DVB□3714S□1N2G	156
0.6	2.5	-	6.0	436	567	1.3	236.622	GST07-3M □□□071C32	E84DVB□3714S□1N2G	156
0.6	2.5	-	6.0	436	567	2.9	236.622	GST09-3M □□□071C32	E84DVB□3714S□1N2G	156
0.6	2.4	-	5.7	458	595	1.2	248.458	GST07-3M □□□071C32	E84DVB□3714S□1N2G	156
0.6	2.4	-	5.6	465	604	2.7	252.167	GST09-3M □□□071C32	E84DVB□3714S□1N2G	156
0.5	2.2	-	5.2	496	644	1.1	268.889	GST07-3M □□□071C32	E84DVB□3714S□1N2G	156
0.5	2.2	-	5.2	496	644	2.5	268.889	GST09-3M □□□071C32	E84DVB□3714S□1N2G	156
0.4	1.8	-	4.3	602	782	0.9	326.333	GST07-3M □□□071C32	E84DVB□3714S□1N2G	156
0.4	1.8	-	4.3	602	782	2.1	326.333	GST09-3M □□□071C32	E84DVB□3714S□1N2G	156
0.4	1.7	-	3.9	669	869	1.9	363.000	GST09-3M □□□071C32	E84DVB□3714S□1N2G	156
0.4	1.6	-	3.8	677	879	0.8	367.033	GST07-3M □□□071C32	E84DVB□3714S□1N2G	156
0.3	1.5	-	3.4	761	988	1.6	412.500	GST09-3M □□□071C32	E84DVB□3714S□1N2G	156

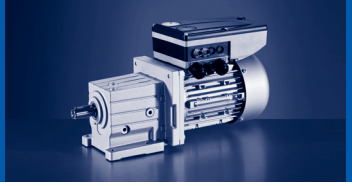
50 Hz: P_N = 0.55 kW

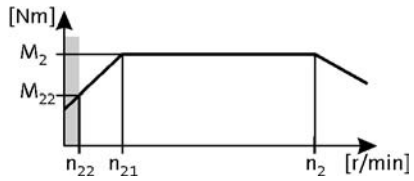
n_{22} / n_2 = 1 ... 10.0

n_1 = 140.5 ... 1405 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
88	375	-	878	4.5	6.0	3.3	1.600	GST04-1M □□□071C42	E84DVB□5514S□1N2G	144
69	293	-	686	5.8	8.0	3.0	2.048	GST04-1M □□□071C42	E84DVB□5514S□1N2G	144
63	268	-	627	6.4	8.0	3.0	2.240	GST04-1M □□□071C42	E84DVB□5514S□1N2G	144
54	231	-	541	7.3	9.0	1.9	2.597	GST03-2M □□□071C42	E84DVB□5514S□1N2G	150
49	210	-	492	8.1	11	2.4	2.857	GST04-1M □□□071C42	E84DVB□5514S□1N2G	144
48	203	-	475	8.3	11	3.7	2.956	GST04-2M □□□071C42	E84DVB□5514S□1N2G	150
41	176	-	412	9.5	12	1.6	3.413	GST03-2M □□□071C42	E84DVB□5514S□1N2G	150
40	171	-	401	9.9	13	1.9	3.500	GST04-1M □□□071C42	E84DVB□5514S□1N2G	144
35	148	-	347	11	15	3.1	4.053	GST04-2M □□□071C42	E84DVB□5514S□1N2G	150
32	137	-	322	12	16	1.3	4.368	GST03-2M □□□071C42	E84DVB□5514S□1N2G	150
32	136	-	319	13	16	1.5	4.400	GST04-1M □□□071C42	E84DVB□5514S□1N2G	144
31	132	-	308	13	17	3.2	4.556	GST05-1M □□□071C42	E84DVB□5514S□1N2G	144
31	131	-	307	13	17	2.9	4.571	GST04-2M □□□071C42	E84DVB□5514S□1N2G	150
27	116	-	271	15	19	2.7	5.187	GST04-2M □□□071C42	E84DVB□5514S□1N2G	150
26	113	-	265	15	19	1.4	5.312	GST03-2M □□□071C42	E84DVB□5514S□1N2G	150
25	106	-	248	16	21	1.2	5.667	GST04-1M □□□071C42	E84DVB□5514S□1N2G	144
25	106	-	248	16	21	2.6	5.667	GST05-1M □□□071C42	E84DVB□5514S□1N2G	144
25	106	-	248	16	21	3.2	5.667	GST06-1M □□□071C42	E84DVB□5514S□1N2G	144
24	103	-	240	16	21	2.5	5.850	GST04-2M □□□071C42	E84DVB□5514S□1N2G	150
24	101	-	236	17	22	1.3	5.965	GST03-2M □□□071C42	E84DVB□5514S□1N2G	150
22	94	-	220	18	23	2.4	6.400	GST04-2M □□□071C42	E84DVB□5514S□1N2G	150
20	86	-	201	20	25	1.2	6.982	GST03-2M □□□071C42	E84DVB□5514S□1N2G	150
20	85	-	200	20	26	2.2	7.040	GST04-2M □□□071C42	E84DVB□5514S□1N2G	150
19	82	-	192	21	27	1.7	7.333	GST05-1M □□□071C42	E84DVB□5514S□1N2G	144
19	82	-	192	21	27	2.9	7.333	GST06-1M □□□071C42	E84DVB□5514S□1N2G	144
18	77	-	179	22	28	1.1	7.840	GST03-2M □□□071C42	E84DVB□5514S□1N2G	150
18	75	-	176	22	29	2.0	8.000	GST04-2M □□□071C42	E84DVB□5514S□1N2G	150
16	67	-	158	25	33	1.3	8.900	GST05-1M □□□071C42	E84DVB□5514S□1N2G	144
16	67	-	158	25	33	2.4	8.900	GST06-1M □□□071C42	E84DVB□5514S□1N2G	144
16	67	-	157	25	32	1.0	8.935	GST03-2M □□□071C42	E84DVB□5514S□1N2G	150
16	67	-	156	25	33	1.9	9.010	GST04-2M □□□071C42	E84DVB□5514S□1N2G	150
14	61	-	143	28	36	1.8	9.856	GST04-2M □□□071C42	E84DVB□5514S□1N2G	150
14	60	-	140	28	36	1.0	10.033	GST03-2M □□□071C42	E84DVB□5514S□1N2G	150
13	53	-	125	32	41	1.4	11.250	GST06-1M □□□071C42	E84DVB□5514S□1N2G	144
13	54	-	125	31	41	1.5	11.200	GST04-2M □□□071C42	E84DVB□5514S□1N2G	150
13	54	-	125	31	41	3.1	11.200	GST05-2M □□□071C42	E84DVB□5514S□1N2G	150
12	53	-	123	32	41	0.9	11.429	GST03-2M □□□071C42	E84DVB□5514S□1N2G	150
11	48	-	112	35	46	1.5	12.571	GST04-2M □□□071C42	E84DVB□5514S□1N2G	150
11	47	-	110	36	47	0.8	12.833	GST03-2M □□□071C42	E84DVB□5514S□1N2G	150
11	46	-	108	36	47	2.9	13.016	GST05-2M □□□071C42	E84DVB□5514S□1N2G	150
9.8	42	-	98	40	52	1.2	14.286	GST04-2M □□□071C42	E84DVB□5514S□1N2G	150





50 Hz: P_N = 0.55 kW

n_{22} / n_2 = 1 ... 10.0

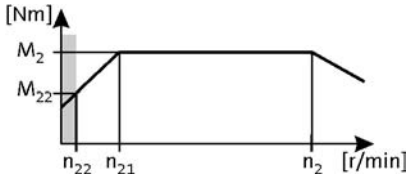
n_1 = 140.5 ... 1405 r/min

n_{22}	n_{21}		n_2	M_{22}	M_2	c	i			
[r/min]	[r/min]		[r/min]	[Nm]	[Nm]					
9.8	42	-	98	40	52	2.7	14.356	GST05-2M □□□071C42	E84DVB□5514S□1N2G	150
9.1	39	-	91	43	56	1.3	15.400	GST04-2M □□□071C42	E84DVB□5514S□1N2G	150
8.7	37	-	87	45	59	2.5	16.190	GST05-2M □□□071C42	E84DVB□5514S□1N2G	150
8.0	34	-	80	49	64	1.0	17.500	GST04-2M □□□071C42	E84DVB□5514S□1N2G	150
8.0	34	-	80	49	64	2.2	17.500	GST05-2M □□□071C42	E84DVB□5514S□1N2G	150
7.3	31	-	73	54	70	1.0	19.360	GST04-2M □□□071C42	E84DVB□5514S□1N2G	150
7.0	30	-	70	56	73	2.2	20.044	GST05-2M □□□071C42	E84DVB□5514S□1N2G	150
6.2	26	-	62	64	83	1.7	22.778	GST05-2M □□□071C42	E84DVB□5514S□1N2G	150
5.6	24	-	56	70	90	1.8	24.933	GST05-2M □□□071C42	E84DVB□5514S□1N2G	150
5.6	24	-	56	70	90	3.2	24.933	GST06-2M □□□071C42	E84DVB□5514S□1N2G	150
5.0	21	-	50	79	103	1.4	28.333	GST05-2M □□□071C42	E84DVB□5514S□1N2G	150
5.0	21	-	50	79	103	3.1	28.333	GST06-2M □□□071C42	E84DVB□5514S□1N2G	150
4.4	19	-	44	90	117	1.4	32.267	GST05-2M □□□071C42	E84DVB□5514S□1N2G	150
4.4	19	-	44	90	117	2.9	32.267	GST06-2M □□□071C42	E84DVB□5514S□1N2G	150
3.9	17	-	39	100	130	1.0	36.267	GST05-3M □□□071C42	E84DVB□5514S□1N2G	156
3.8	16	-	38	102	133	1.1	36.667	GST05-2M □□□071C42	E84DVB□5514S□1N2G	150
3.8	16	-	38	102	133	2.4	36.667	GST06-2M □□□071C42	E84DVB□5514S□1N2G	150
3.6	15	-	36	109	142	1.2	39.160	GST05-2M □□□071C42	E84DVB□5514S□1N2G	150
3.6	15	-	36	108	140	2.3	39.200	GST06-3M □□□071C42	E84DVB□5514S□1N2G	156
3.6	15	-	36	109	142	2.4	39.160	GST06-2M □□□071C42	E84DVB□5514S□1N2G	150
3.2	14	-	32	124	161	0.9	44.500	GST05-2M □□□071C42	E84DVB□5514S□1N2G	150
3.2	14	-	32	124	161	2.0	44.500	GST06-2M □□□071C42	E84DVB□5514S□1N2G	150
3.2	14	-	32	121	157	2.1	44.000	GST06-3M □□□071C42	E84DVB□5514S□1N2G	156
3.0	13	-	30	127	165	0.9	46.259	GST05-3M □□□071C42	E84DVB□5514S□1N2G	156
2.8	12	-	28	138	180	1.4	49.500	GST06-2M □□□071C42	E84DVB□5514S□1N2G	150
2.8	12	-	28	140	182	1.8	51.022	GST06-3M □□□071C42	E84DVB□5514S□1N2G	156
2.6	11	-	26	148	193	1.8	53.900	GST06-3M □□□071C42	E84DVB□5514S□1N2G	156
2.5	11	-	25	157	204	1.4	56.250	GST06-2M □□□071C42	E84DVB□5514S□1N2G	150
2.2	9.2	-	22	179	233	3.0	65.079	GST07-3M □□□071C42	E84DVB□5514S□1N2G	156
2.1	8.9	-	21	186	242	1.5	67.760	GST06-3M □□□071C42	E84DVB□5514S□1N2G	156
2.0	8.6	-	20	193	251	1.4	70.156	GST06-3M □□□071C42	E84DVB□5514S□1N2G	156
2.0	8.6	-	20	193	251	2.8	70.156	GST07-3M □□□071C42	E84DVB□5514S□1N2G	156
1.8	7.5	-	18	219	285	2.5	79.762	GST07-3M □□□071C42	E84DVB□5514S□1N2G	156
1.7	7.4	-	17	223	289	1.2	80.952	GST06-3M □□□071C42	E84DVB□5514S□1N2G	156
1.6	6.9	-	16	240	312	1.2	87.267	GST06-3M □□□071C42	E84DVB□5514S□1N2G	156
1.6	7.0	-	16	237	307	2.3	85.983	GST07-3M □□□071C42	E84DVB□5514S□1N2G	156
1.4	6.1	-	14	273	354	1.0	99.167	GST06-3M □□□071C42	E84DVB□5514S□1N2G	156
1.4	6.1	-	14	269	349	2.0	97.708	GST07-3M □□□071C42	E84DVB□5514S□1N2G	156
1.3	5.5	-	13	302	392	1.0	109.707	GST06-3M □□□071C42	E84DVB□5514S□1N2G	156
1.3	5.4	-	13	308	400	1.8	111.915	GST07-3M □□□071C42	E84DVB□5514S□1N2G	156
1.1	4.7	-	11	350	454	1.6	127.176	GST07-3M □□□071C42	E84DVB□5514S□1N2G	156

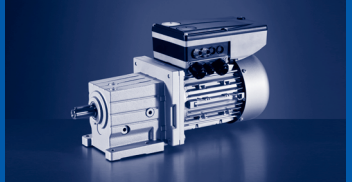
50 Hz: P_N = 0.55 kW

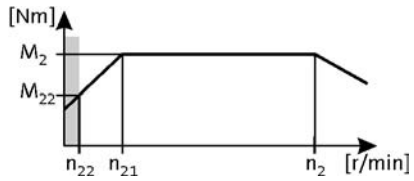
n_{22} / n_2 = 1 ... 10.0

n_1 = 140.5 ... 1405 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
1.0	4.3	-	10	383	497	1.4	139.211	GST07-3M □□□071C42	E84DVB□5514S□1N2G	156
1.0	4.3	-	9.9	389	505	3.2	141.289	GST09-3M □□□071C42	E84DVB□5514S□1N2G	156
0.9	3.8	-	8.9	435	565	1.3	158.194	GST07-3M □□□071C42	E84DVB□5514S□1N2G	156
0.9	3.7	-	8.8	442	574	2.8	160.556	GST09-3M □□□071C42	E84DVB□5514S□1N2G	156
0.8	3.3	-	7.8	496	644	1.1	180.156	GST07-3M □□□071C42	E84DVB□5514S□1N2G	156
0.8	3.3	-	7.7	503	653	2.5	182.844	GST09-3M □□□071C42	E84DVB□5514S□1N2G	156
0.7	2.9	-	6.9	563	731	1.0	204.722	GST07-3M □□□071C42	E84DVB□5514S□1N2G	156
0.7	2.9	-	6.8	572	742	2.2	207.778	GST09-3M □□□071C42	E84DVB□5514S□1N2G	156
0.6	2.5	-	5.9	651	845	0.8	236.622	GST07-3M □□□071C42	E84DVB□5514S□1N2G	156
0.6	2.5	-	5.9	651	845	1.9	236.622	GST09-3M □□□071C42	E84DVB□5514S□1N2G	156
0.6	2.4	-	5.6	694	901	1.8	252.167	GST09-3M □□□071C42	E84DVB□5514S□1N2G	156
0.5	2.2	-	5.2	740	961	1.7	268.889	GST09-3M □□□071C42	E84DVB□5514S□1N2G	156
0.4	1.8	-	4.3	898	1166	1.4	326.333	GST09-3M □□□071C42	E84DVB□5514S□1N2G	156
0.4	1.7	-	3.9	999	1297	1.2	363.000	GST09-3M □□□071C42	E84DVB□5514S□1N2G	156
0.3	1.5	-	3.4	1135	1474	1.1	412.500	GST09-3M □□□071C42	E84DVB□5514S□1N2G	156





50 Hz: P_N = 0.75 kW

n_{22} / n_2 = 1 ... 10.0

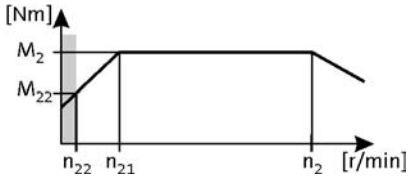
n_1 = 141.0 ... 1410 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
48	203	-	477	11	15	2.7	2.956	GST04-2M □□□080C32	E84DVB□7514S□1N2G	150
42	180	-	423	13	16	2.5	3.333	GST04-2M □□□080C32	E84DVB□7514S□1N2G	150
35	148	-	348	15	20	2.3	4.053	GST04-2M □□□080C32	E84DVB□7514S□1N2G	150
31	131	-	308	17	23	2.1	4.571	GST04-2M □□□080C32	E84DVB□7514S□1N2G	150
27	116	-	272	20	26	2.0	5.187	GST04-2M □□□080C32	E84DVB□7514S□1N2G	150
24	103	-	241	22	29	1.9	5.850	GST04-2M □□□080C32	E84DVB□7514S□1N2G	150
22	94	-	220	24	32	1.8	6.400	GST04-2M □□□080C32	E84DVB□7514S□1N2G	150
20	85	-	200	27	35	1.6	7.040	GST04-2M □□□080C32	E84DVB□7514S□1N2G	150
20	83	-	195	28	36	3.0	7.238	GST05-2M □□□080C32	E84DVB□7514S□1N2G	150
18	75	-	176	31	39	1.5	8.000	GST04-2M □□□080C32	E84DVB□7514S□1N2G	150
17	74	-	173	31	40	2.9	8.163	GST05-2M □□□080C32	E84DVB□7514S□1N2G	150
16	67	-	157	34	44	1.4	9.010	GST04-2M □□□080C32	E84DVB□7514S□1N2G	150
16	67	-	157	34	44	2.7	9.010	GST05-2M □□□080C32	E84DVB□7514S□1N2G	150
14	61	-	143	38	49	1.3	9.856	GST04-2M □□□080C32	E84DVB□7514S□1N2G	150
14	60	-	141	38	49	2.5	10.000	GST05-2M □□□080C32	E84DVB□7514S□1N2G	150
13	54	-	126	43	55	1.1	11.200	GST04-2M □□□080C32	E84DVB□7514S□1N2G	150
13	54	-	126	43	55	2.3	11.200	GST05-2M □□□080C32	E84DVB□7514S□1N2G	150
11	48	-	112	48	62	1.1	12.571	GST04-2M □□□080C32	E84DVB□7514S□1N2G	150
11	46	-	108	50	64	2.1	13.016	GST05-2M □□□080C32	E84DVB□7514S□1N2G	150
9.9	42	-	99	54	70	0.9	14.286	GST04-2M □□□080C32	E84DVB□7514S□1N2G	150
9.8	42	-	98	55	71	2.0	14.356	GST05-2M □□□080C32	E84DVB□7514S□1N2G	150
9.2	39	-	92	59	76	0.9	15.400	GST04-2M □□□080C32	E84DVB□7514S□1N2G	150
8.7	37	-	87	62	80	1.9	16.190	GST05-2M □□□080C32	E84DVB□7514S□1N2G	150
8.1	34	-	81	67	86	1.7	17.500	GST05-2M □□□080C32	E84DVB□7514S□1N2G	150
7.0	30	-	70	76	99	1.6	20.044	GST05-2M □□□080C32	E84DVB□7514S□1N2G	150
6.2	26	-	62	87	112	1.3	22.778	GST05-2M □□□080C32	E84DVB□7514S□1N2G	150
6.2	26	-	62	87	112	2.8	22.778	GST06-2M □□□080C32	E84DVB□7514S□1N2G	150
5.7	24	-	57	95	123	1.3	24.933	GST05-2M □□□080C32	E84DVB□7514S□1N2G	150
5.7	24	-	57	95	123	2.9	24.933	GST06-2M □□□080C32	E84DVB□7514S□1N2G	150
5.0	21	-	50	108	140	1.1	28.333	GST05-2M □□□080C32	E84DVB□7514S□1N2G	150
5.0	21	-	50	108	140	2.3	28.333	GST06-2M □□□080C32	E84DVB□7514S□1N2G	150
4.4	19	-	44	123	159	1.0	32.267	GST05-2M □□□080C32	E84DVB□7514S□1N2G	150
4.4	19	-	44	123	159	2.3	32.267	GST06-2M □□□080C32	E84DVB□7514S□1N2G	150
4.4	19	-	44	123	159	2.9	32.267	GST07-2M □□□080C32	E84DVB□7514S□1N2G	150
3.9	16	-	39	140	181	0.8	36.667	GST05-2M □□□080C32	E84DVB□7514S□1N2G	150
3.9	16	-	39	140	181	1.8	36.667	GST06-2M □□□080C32	E84DVB□7514S□1N2G	150
3.9	16	-	39	140	181	2.9	36.667	GST07-2M □□□080C32	E84DVB□7514S□1N2G	150
3.6	15	-	36	149	193	0.9	39.160	GST05-2M □□□080C32	E84DVB□7514S□1N2G	150
3.6	15	-	36	147	190	1.7	39.200	GST06-3M □□□080C32	E84DVB□7514S□1N2G	156
3.6	15	-	36	149	193	1.9	39.160	GST06-2M □□□080C32	E84DVB□7514S□1N2G	150
3.6	15	-	36	149	193	2.5	39.160	GST07-2M □□□080C32	E84DVB□7514S□1N2G	150

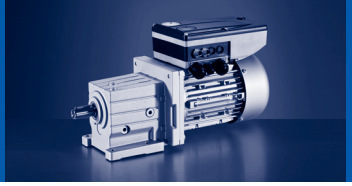
50 Hz: P_N = 0.75 kW

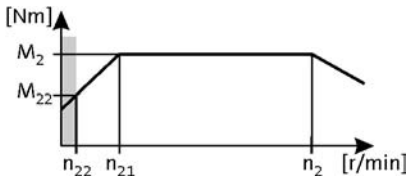
n_{22} / n_2 = 1 ... 10.0

n_1 = 141.0 ... 1410 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
3.2	14	-	32	170	219	1.5	44.500	GST06-2M □□□080C32	E84DVB□7514S□1N2G	150
3.2	14	-	32	165	214	1.6	44.000	GST06-3M □□□080C32	E84DVB□7514S□1N2G	156
3.2	14	-	32	170	219	2.5	44.500	GST07-2M □□□080C32	E84DVB□7514S□1N2G	150
2.9	12	-	29	189	244	1.1	49.500	GST06-2M □□□080C32	E84DVB□7514S□1N2G	150
2.9	12	-	29	189	244	2.0	49.500	GST07-2M □□□080C32	E84DVB□7514S□1N2G	150
2.8	12	-	28	192	248	1.3	51.022	GST06-3M □□□080C32	E84DVB□7514S□1N2G	156
2.8	12	-	28	192	248	2.8	51.022	GST07-3M □□□080C32	E84DVB□7514S□1N2G	156
2.6	11	-	26	202	262	1.3	53.900	GST06-3M □□□080C32	E84DVB□7514S□1N2G	156
2.6	11	-	26	202	262	2.7	53.900	GST07-3M □□□080C32	E84DVB□7514S□1N2G	156
2.5	11	-	25	214	277	1.1	56.250	GST06-2M □□□080C32	E84DVB□7514S□1N2G	150
2.5	11	-	25	214	277	2.0	56.250	GST07-2M □□□080C32	E84DVB□7514S□1N2G	150
2.2	9.2	-	22	244	316	2.2	65.079	GST07-3M □□□080C32	E84DVB□7514S□1N2G	156
2.1	8.9	-	21	254	329	1.1	67.760	GST06-3M □□□080C32	E84DVB□7514S□1N2G	156
2.0	8.6	-	20	263	341	1.1	70.156	GST06-3M □□□080C32	E84DVB□7514S□1N2G	156
2.0	8.6	-	20	263	341	2.1	70.156	GST07-3M □□□080C32	E84DVB□7514S□1N2G	156
1.8	7.5	-	18	299	387	1.8	79.762	GST07-3M □□□080C32	E84DVB□7514S□1N2G	156
1.7	7.4	-	17	304	393	0.9	80.952	GST06-3M □□□080C32	E84DVB□7514S□1N2G	156
1.6	6.9	-	16	328	424	0.9	87.267	GST06-3M □□□080C32	E84DVB□7514S□1N2G	156
1.6	7.0	-	16	323	417	1.7	85.983	GST07-3M □□□080C32	E84DVB□7514S□1N2G	156
1.4	6.1	-	14	367	474	1.5	97.708	GST07-3M □□□080C32	E84DVB□7514S□1N2G	156
1.3	5.4	-	13	420	543	1.3	111.915	GST07-3M □□□080C32	E84DVB□7514S□1N2G	156
1.2	5.3	-	12	426	551	2.9	113.585	GST09-3M □□□080C32	E84DVB□7514S□1N2G	156
1.1	4.7	-	11	477	617	1.2	127.176	GST07-3M □□□080C32	E84DVB□7514S□1N2G	156
1.1	4.7	-	11	484	627	2.6	129.074	GST09-3M □□□080C32	E84DVB□7514S□1N2G	156
1.0	4.3	-	10	522	676	1.0	139.211	GST07-3M □□□080C32	E84DVB□7514S□1N2G	156
1.0	4.3	-	10	530	686	2.4	141.289	GST09-3M □□□080C32	E84DVB□7514S□1N2G	156
0.9	3.8	-	8.9	594	768	0.9	158.194	GST07-3M □□□080C32	E84DVB□7514S□1N2G	156
0.9	3.7	-	8.8	603	779	2.1	160.556	GST09-3M □□□080C32	E84DVB□7514S□1N2G	156
0.8	3.3	-	7.8	676	875	0.8	180.156	GST07-3M □□□080C32	E84DVB□7514S□1N2G	156
0.8	3.3	-	7.7	686	888	1.8	182.844	GST09-3M □□□080C32	E84DVB□7514S□1N2G	156
0.7	2.9	-	6.8	780	1009	1.6	207.778	GST09-3M □□□080C32	E84DVB□7514S□1N2G	156
0.7	2.9	-	6.8	780	1009	2.8	207.778	GST11-3M □□□080C32	E84DVB□7514S□1N2G	156
0.6	2.5	-	6.0	888	1149	1.4	236.622	GST09-3M □□□080C32	E84DVB□7514S□1N2G	156
0.6	2.5	-	6.0	888	1149	2.4	236.622	GST11-3M □□□080C32	E84DVB□7514S□1N2G	156
0.6	2.4	-	5.6	946	1224	1.3	252.167	GST09-3M □□□080C32	E84DVB□7514S□1N2G	156
0.6	2.4	-	5.6	946	1224	2.3	252.167	GST11-3M □□□080C32	E84DVB□7514S□1N2G	156
0.5	2.2	-	5.2	1009	1305	1.2	268.889	GST09-3M □□□080C32	E84DVB□7514S□1N2G	156
0.5	2.2	-	5.2	1009	1305	2.2	268.889	GST11-3M □□□080C32	E84DVB□7514S□1N2G	156
0.4	1.8	-	4.3	1225	1584	1.0	326.333	GST09-3M □□□080C32	E84DVB□7514S□1N2G	156
0.4	1.8	-	4.3	1225	1584	1.8	326.333	GST11-3M □□□080C32	E84DVB□7514S□1N2G	156
0.4	1.7	-	3.9	1362	1762	0.9	363.000	GST09-3M □□□080C32	E84DVB□7514S□1N2G	156





50 Hz: P_N = 0.75 kW

n_{22} / n_2 = 1 ... 10.0

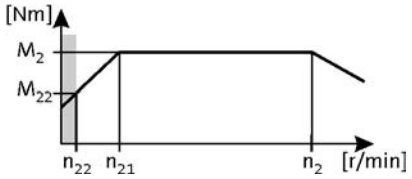
n_1 = 141.0 ... 1410 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
0.4	1.7	-	3.9	1362	1762	1.5	363.000	GST11-3M □□□080C32	E84DVB□7514S□1N2G	156
0.3	1.5	-	3.4	1548	2002	0.8	412.500	GST09-3M □□□080C32	E84DVB□7514S□1N2G	156
0.3	1.5	-	3.4	1548	2002	1.4	412.500	GST11-3M □□□080C32	E84DVB□7514S□1N2G	156

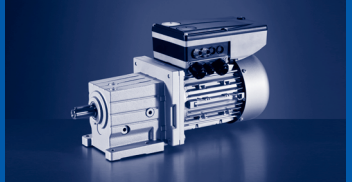
50 Hz: P_N = 1.10 kW

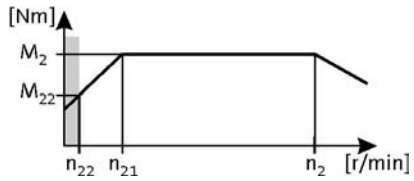
n_{22} / n_2 = 1 ... 10.0

n_1 = 139.0 ... 1390 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
87	563	-	869	6.9	12	1.6	1.600	GST04-1M □□□080C42	E84DVB□1124S□1N2G	144
68	440	-	679	8.8	15	1.5	2.048	GST04-1M □□□080C42	E84DVB□1124S□1N2G	144
62	402	-	621	9.7	17	1.5	2.240	GST04-1M □□□080C42	E84DVB□1124S□1N2G	144
62	402	-	621	9.7	17	3.2	2.240	GST05-1M □□□080C42	E84DVB□1124S□1N2G	144
49	315	-	487	12	21	1.2	2.857	GST04-1M □□□080C42	E84DVB□1124S□1N2G	144
49	315	-	487	12	21	2.5	2.857	GST05-1M □□□080C42	E84DVB□1124S□1N2G	144
47	305	-	470	13	22	1.8	2.956	GST04-2M □□□080C42	E84DVB□1124S□1N2G	150
47	305	-	470	13	22	2.9	2.956	GST05-2M □□□080C42	E84DVB□1124S□1N2G	150
42	270	-	417	14	24	1.7	3.333	GST04-2M □□□080C42	E84DVB□1124S□1N2G	150
42	270	-	417	14	24	3.2	3.333	GST05-2M □□□080C42	E84DVB□1124S□1N2G	150
40	257	-	397	15	26	1.0	3.500	GST04-1M □□□080C42	E84DVB□1124S□1N2G	144
40	257	-	397	15	26	2.1	3.500	GST05-1M □□□080C42	E84DVB□1124S□1N2G	144
34	222	-	343	17	30	1.5	4.053	GST04-2M □□□080C42	E84DVB□1124S□1N2G	150
34	222	-	343	17	30	2.7	4.053	GST05-2M □□□080C42	E84DVB□1124S□1N2G	150
31	198	-	305	20	34	1.6	4.556	GST05-1M □□□080C42	E84DVB□1124S□1N2G	144
31	198	-	305	20	34	3.1	4.556	GST06-1M □□□080C42	E84DVB□1124S□1N2G	144
30	197	-	304	19	34	1.4	4.571	GST04-2M □□□080C42	E84DVB□1124S□1N2G	150
30	197	-	304	19	34	2.7	4.571	GST05-2M □□□080C42	E84DVB□1124S□1N2G	150
27	174	-	268	22	38	1.3	5.187	GST04-2M □□□080C42	E84DVB□1124S□1N2G	150
27	174	-	268	22	38	2.4	5.187	GST05-2M □□□080C42	E84DVB□1124S□1N2G	150
25	161	-	249	24	42	3.1	5.583	GST07-1M □□□080C42	E84DVB□1124S□1N2G	144
25	159	-	245	24	42	1.3	5.667	GST05-1M □□□080C42	E84DVB□1124S□1N2G	144
25	159	-	245	24	42	2.5	5.667	GST06-1M □□□080C42	E84DVB□1124S□1N2G	144
24	154	-	238	25	43	1.2	5.850	GST04-2M □□□080C42	E84DVB□1124S□1N2G	150
24	154	-	238	25	43	2.4	5.850	GST05-2M □□□080C42	E84DVB□1124S□1N2G	150
22	141	-	217	27	47	1.2	6.400	GST04-2M □□□080C42	E84DVB□1124S□1N2G	150
22	141	-	217	27	47	2.2	6.400	GST05-2M □□□080C42	E84DVB□1124S□1N2G	150
20	128	-	197	30	52	1.1	7.040	GST04-2M □□□080C42	E84DVB□1124S□1N2G	150
19	124	-	192	31	53	2.0	7.238	GST05-2M □□□080C42	E84DVB□1124S□1N2G	150
19	123	-	190	32	55	1.8	7.333	GST06-1M □□□080C42	E84DVB□1124S□1N2G	144
19	123	-	190	32	55	2.9	7.333	GST07-1M □□□080C42	E84DVB□1124S□1N2G	144
17	113	-	174	34	59	1.0	8.000	GST04-2M □□□080C42	E84DVB□1124S□1N2G	150
17	110	-	170	35	60	1.9	8.163	GST05-2M □□□080C42	E84DVB□1124S□1N2G	150
16	101	-	156	38	66	1.3	8.900	GST06-1M □□□080C42	E84DVB□1124S□1N2G	144
16	101	-	156	38	66	2.3	8.900	GST07-1M □□□080C42	E84DVB□1124S□1N2G	144
15	100	-	154	38	66	1.0	9.010	GST04-2M □□□080C42	E84DVB□1124S□1N2G	150
15	100	-	154	38	66	1.8	9.010	GST05-2M □□□080C42	E84DVB□1124S□1N2G	150
14	91	-	141	42	72	0.9	9.856	GST04-2M □□□080C42	E84DVB□1124S□1N2G	150
14	90	-	139	42	73	1.7	10.000	GST05-2M □□□080C42	E84DVB□1124S□1N2G	150
12	80	-	124	49	84	1.4	11.250	GST07-1M □□□080C42	E84DVB□1124S□1N2G	144
12	80	-	124	48	82	1.6	11.200	GST05-2M □□□080C42	E84DVB□1124S□1N2G	150





50 Hz: P_N = 1.10 kW

n_{22} / n_2 = 1 ... 10.0

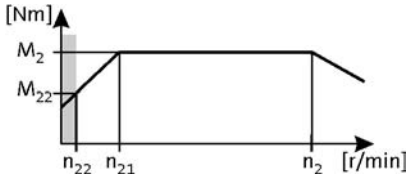
n_1 = 139.0 ... 1390 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
11	72	-	111	53	92	3.2	12.571	GST06-2M □□□080C42	E84DVB□1124S□1N2G	150
11	69	-	107	55	95	1.4	13.016	GST05-2M □□□080C42	E84DVB□1124S□1N2G	150
9.7	63	-	97	61	105	1.3	14.356	GST05-2M □□□080C42	E84DVB□1124S□1N2G	150
9.7	63	-	97	61	105	2.9	14.286	GST06-2M □□□080C42	E84DVB□1124S□1N2G	150
9.0	58	-	90	65	113	2.8	15.400	GST06-2M □□□080C42	E84DVB□1124S□1N2G	150
8.6	56	-	86	69	119	1.3	16.190	GST05-2M □□□080C42	E84DVB□1124S□1N2G	150
7.9	51	-	79	74	128	1.1	17.500	GST05-2M □□□080C42	E84DVB□1124S□1N2G	150
7.9	51	-	79	74	128	2.4	17.500	GST06-2M □□□080C42	E84DVB□1124S□1N2G	150
6.9	45	-	69	85	147	1.1	20.044	GST05-2M □□□080C42	E84DVB□1124S□1N2G	150
6.9	45	-	69	85	147	2.4	20.044	GST06-2M □□□080C42	E84DVB□1124S□1N2G	150
6.1	40	-	61	97	167	0.9	22.778	GST05-2M □□□080C42	E84DVB□1124S□1N2G	150
6.1	40	-	61	97	167	1.9	22.778	GST06-2M □□□080C42	E84DVB□1124S□1N2G	150
5.7	37	-	57	104	180	3.1	24.567	GST07-2M □□□080C42	E84DVB□1124S□1N2G	150
5.6	36	-	56	106	183	0.9	24.933	GST05-2M □□□080C42	E84DVB□1124S□1N2G	150
5.6	36	-	56	106	183	2.0	24.933	GST06-2M □□□080C42	E84DVB□1124S□1N2G	150
5.0	32	-	50	118	205	3.1	27.917	GST07-2M □□□080C42	E84DVB□1124S□1N2G	150
4.9	32	-	49	120	208	1.5	28.333	GST06-2M □□□080C42	E84DVB□1124S□1N2G	150
4.3	28	-	43	137	237	1.5	32.267	GST06-2M □□□080C42	E84DVB□1124S□1N2G	150
4.3	28	-	43	137	237	2.9	32.267	GST07-2M □□□080C42	E84DVB□1124S□1N2G	150
3.8	25	-	38	156	269	1.2	36.667	GST06-2M □□□080C42	E84DVB□1124S□1N2G	150
3.8	25	-	38	156	269	2.6	36.667	GST07-2M □□□080C42	E84DVB□1124S□1N2G	150
3.6	23	-	36	164	283	1.1	39.200	GST06-3M □□□080C42	E84DVB□1124S□1N2G	156
3.6	23	-	36	166	287	1.3	39.160	GST06-2M □□□080C42	E84DVB□1124S□1N2G	150
3.6	23	-	36	166	287	2.3	39.160	GST07-2M □□□080C42	E84DVB□1124S□1N2G	150
3.6	23	-	36	164	283	2.4	39.200	GST07-3M □□□080C42	E84DVB□1124S□1N2G	156
3.2	21	-	32	184	318	1.1	44.000	GST06-3M □□□080C42	E84DVB□1124S□1N2G	156
3.2	21	-	32	184	318	2.2	44.000	GST07-3M □□□080C42	E84DVB□1124S□1N2G	156
3.1	20	-	31	189	326	1.0	44.500	GST06-2M □□□080C42	E84DVB□1124S□1N2G	150
3.1	20	-	31	189	326	2.2	44.500	GST07-2M □□□080C42	E84DVB□1124S□1N2G	150
2.8	18	-	28	210	363	1.4	49.500	GST07-2M □□□080C42	E84DVB□1124S□1N2G	150
2.7	18	-	27	213	369	0.9	51.022	GST06-3M □□□080C42	E84DVB□1124S□1N2G	156
2.7	18	-	27	213	369	1.9	51.022	GST07-3M □□□080C42	E84DVB□1124S□1N2G	156
2.6	17	-	26	225	389	0.9	53.900	GST06-3M □□□080C42	E84DVB□1124S□1N2G	156
2.6	17	-	26	225	389	1.8	53.900	GST07-3M □□□080C42	E84DVB□1124S□1N2G	156
2.5	16	-	25	239	412	1.4	56.250	GST07-2M □□□080C42	E84DVB□1124S□1N2G	150
2.1	14	-	21	272	470	1.5	65.079	GST07-3M □□□080C42	E84DVB□1124S□1N2G	156
2.0	13	-	20	293	507	1.4	70.156	GST07-3M □□□080C42	E84DVB□1124S□1N2G	156
1.9	13	-	19	300	519	2.9	71.867	GST09-3M □□□080C42	E84DVB□1124S□1N2G	156
1.7	11	-	17	333	576	1.2	79.762	GST07-3M □□□080C42	E84DVB□1124S□1N2G	156
1.7	11	-	17	341	590	2.7	81.667	GST09-3M □□□080C42	E84DVB□1124S□1N2G	156
1.6	11	-	16	359	621	1.1	85.983	GST07-3M □□□080C42	E84DVB□1124S□1N2G	156

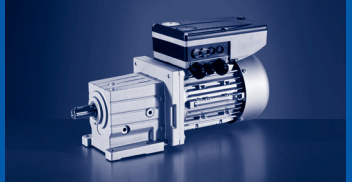
50 Hz: P_N = 1.10 kW

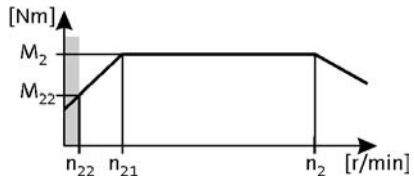
n_{22} / n_2 = 1 ... 10.0

n_1 = 139.0 ... 1390 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
1.5	9.6	-	15	391	676	2.4	93.541	GST09-3M □□□080C42	E84DVB□1124S□1N2G	156
1.4	9.2	-	14	408	706	1.0	97.708	GST07-3M □□□080C42	E84DVB□1124S□1N2G	156
1.4	9.1	-	14	414	716	2.2	99.167	GST09-3M □□□080C42	E84DVB□1124S□1N2G	156
1.2	8.0	-	12	468	808	0.9	111.915	GST07-3M □□□080C42	E84DVB□1124S□1N2G	156
1.2	7.9	-	12	475	820	2.0	113.585	GST09-3M □□□080C42	E84DVB□1124S□1N2G	156
1.1	7.0	-	11	539	932	1.7	129.074	GST09-3M □□□080C42	E84DVB□1124S□1N2G	156
1.1	7.0	-	11	539	932	3.0	129.074	GST11-3M □□□080C42	E84DVB□1124S□1N2G	156
1.0	6.4	-	9.8	590	1020	1.6	141.289	GST09-3M □□□080C42	E84DVB□1124S□1N2G	156
1.0	6.1	-	9.5	614	1062	2.5	146.993	GST11-3M □□□080C42	E84DVB□1124S□1N2G	156
0.9	5.7	-	8.8	661	1143	2.5	158.194	GST11-3M □□□080C42	E84DVB□1124S□1N2G	156
0.9	5.6	-	8.7	671	1160	1.4	160.556	GST09-3M □□□080C42	E84DVB□1124S□1N2G	156
0.8	5.0	-	7.7	753	1301	2.1	180.156	GST11-3M □□□080C42	E84DVB□1124S□1N2G	156
0.8	4.9	-	7.6	764	1321	1.2	182.844	GST09-3M □□□080C42	E84DVB□1124S□1N2G	156
0.7	4.3	-	6.7	868	1501	1.1	207.778	GST09-3M □□□080C42	E84DVB□1124S□1N2G	156
0.7	4.3	-	6.7	868	1501	1.9	207.778	GST11-3M □□□080C42	E84DVB□1124S□1N2G	156
0.6	3.8	-	5.9	989	1709	0.9	236.622	GST09-3M □□□080C42	E84DVB□1124S□1N2G	156
0.6	3.8	-	5.9	989	1709	1.6	236.622	GST11-3M □□□080C42	E84DVB□1124S□1N2G	156
0.6	3.6	-	5.5	1054	1821	0.9	252.167	GST09-3M □□□080C42	E84DVB□1124S□1N2G	156
0.6	3.6	-	5.5	1054	1821	1.5	252.167	GST11-3M □□□080C42	E84DVB□1124S□1N2G	156
0.5	3.4	-	5.2	1124	1942	0.8	268.889	GST09-3M □□□080C42	E84DVB□1124S□1N2G	156
0.5	3.4	-	5.2	1124	1942	1.5	268.889	GST11-3M □□□080C42	E84DVB□1124S□1N2G	156
0.4	2.8	-	4.3	1364	2357	1.2	326.333	GST11-3M □□□080C42	E84DVB□1124S□1N2G	156
0.4	2.5	-	3.8	1517	2622	1.0	363.000	GST11-3M □□□080C42	E84DVB□1124S□1N2G	156
0.3	2.2	-	3.4	1724	2979	1.0	412.500	GST11-3M □□□080C42	E84DVB□1124S□1N2G	156





50 Hz: P_N = 1.50 kW

n_{22} / n_2 = 1 ... 10.0

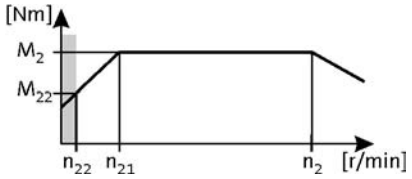
n_1 = 141.0 ... 1410 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
87	375	-	872	11	16	1.2	1.600	GST04-1M □□□090C32	E84DVB□1524S□1N2G	144
87	375	-	872	11	16	2.8	1.600	GST05-1M □□□090C32	E84DVB□1524S□1N2G	144
68	293	-	681	15	21	1.1	2.048	GST04-1M □□□090C32	E84DVB□1524S□1N2G	144
68	293	-	681	15	21	2.5	2.048	GST05-1M □□□090C32	E84DVB□1524S□1N2G	144
62	268	-	623	16	23	1.1	2.240	GST04-1M □□□090C32	E84DVB□1524S□1N2G	144
62	268	-	623	16	23	2.3	2.240	GST05-1M □□□090C32	E84DVB□1524S□1N2G	144
49	210	-	488	20	29	0.9	2.857	GST04-1M □□□090C32	E84DVB□1524S□1N2G	144
49	210	-	488	20	29	1.8	2.857	GST05-1M □□□090C32	E84DVB□1524S□1N2G	144
49	210	-	488	20	29	3.2	2.857	GST06-1M □□□090C32	E84DVB□1524S□1N2G	144
47	203	-	472	21	29	1.3	2.956	GST04-2M □□□090C32	E84DVB□1524S□1N2G	150
47	203	-	472	21	29	2.1	2.956	GST05-2M □□□090C32	E84DVB□1524S□1N2G	150
42	180	-	419	23	33	1.3	3.333	GST04-2M □□□090C32	E84DVB□1524S□1N2G	150
42	180	-	419	23	33	2.4	3.333	GST05-2M □□□090C32	E84DVB□1524S□1N2G	150
40	171	-	399	25	35	1.5	3.500	GST05-1M □□□090C32	E84DVB□1524S□1N2G	144
40	171	-	399	25	35	3.0	3.500	GST06-1M □□□090C32	E84DVB□1524S□1N2G	144
34	148	-	344	28	40	1.1	4.053	GST04-2M □□□090C32	E84DVB□1524S□1N2G	150
34	148	-	344	28	40	2.0	4.053	GST05-2M □□□090C32	E84DVB□1524S□1N2G	150
31	132	-	306	32	46	1.2	4.556	GST05-1M □□□090C32	E84DVB□1524S□1N2G	144
31	132	-	306	32	46	2.3	4.556	GST06-1M □□□090C32	E84DVB□1524S□1N2G	144
31	131	-	305	32	46	1.1	4.571	GST04-2M □□□090C32	E84DVB□1524S□1N2G	150
31	131	-	305	32	46	2.0	4.571	GST05-2M □□□090C32	E84DVB□1524S□1N2G	150
27	116	-	269	36	52	1.0	5.187	GST04-2M □□□090C32	E84DVB□1524S□1N2G	150
27	116	-	269	36	52	1.7	5.187	GST05-2M □□□090C32	E84DVB□1524S□1N2G	150
25	108	-	250	40	57	2.8	5.583	GST07-1M □□□090C32	E84DVB□1524S□1N2G	144
25	106	-	246	40	57	0.9	5.667	GST05-1M □□□090C32	E84DVB□1524S□1N2G	144
25	106	-	246	40	57	1.8	5.667	GST06-1M □□□090C32	E84DVB□1524S□1N2G	144
24	103	-	238	41	58	0.9	5.850	GST04-2M □□□090C32	E84DVB□1524S□1N2G	150
24	103	-	238	41	58	1.7	5.850	GST05-2M □□□090C32	E84DVB□1524S□1N2G	150
22	94	-	218	45	64	0.9	6.400	GST04-2M □□□090C32	E84DVB□1524S□1N2G	150
22	94	-	218	45	64	1.6	6.400	GST05-2M □□□090C32	E84DVB□1524S□1N2G	150
20	85	-	198	49	70	0.8	7.040	GST04-2M □□□090C32	E84DVB□1524S□1N2G	150
19	83	-	193	51	72	1.5	7.238	GST05-2M □□□090C32	E84DVB□1524S□1N2G	150
19	82	-	190	52	74	1.4	7.333	GST06-1M □□□090C32	E84DVB□1524S□1N2G	144
19	82	-	190	52	74	2.4	7.333	GST07-1M □□□090C32	E84DVB□1524S□1N2G	144
19	82	-	190	52	74	2.8	7.333	GST09-1M □□□090C32	E84DVB□1524S□1N2G	144
17	74	-	171	57	81	1.4	8.163	GST05-2M □□□090C32	E84DVB□1524S□1N2G	150
17	74	-	171	57	81	3.1	8.163	GST06-2M □□□090C32	E84DVB□1524S□1N2G	150
16	67	-	157	63	90	1.0	8.900	GST06-1M □□□090C32	E84DVB□1524S□1N2G	144
16	67	-	157	63	90	2.0	8.900	GST07-1M □□□090C32	E84DVB□1524S□1N2G	144
16	67	-	157	63	90	2.5	8.900	GST09-1M □□□090C32	E84DVB□1524S□1N2G	144
16	67	-	155	63	90	1.3	9.010	GST05-2M □□□090C32	E84DVB□1524S□1N2G	150

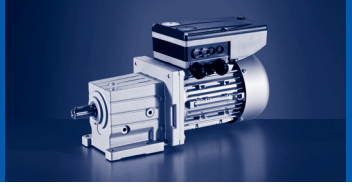
50 Hz: P_N = 1.50 kW

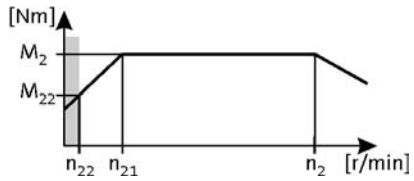
n_{22} / n_2 = 1 ... 10.0

n_1 = 141.0 ... 1410 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
16	67	-	155	63	90	2.9	9.010	GST06-2M □□□090C32	E84DVB□1524S□1N2G	150
14	60	-	140	70	100	1.3	10.000	GST05-2M □□□090C32	E84DVB□1524S□1N2G	150
14	60	-	140	70	100	2.7	10.000	GST06-2M □□□090C32	E84DVB□1524S□1N2G	150
13	54	-	125	78	112	1.1	11.200	GST05-2M □□□090C32	E84DVB□1524S□1N2G	150
13	54	-	125	78	112	2.5	11.200	GST06-2M □□□090C32	E84DVB□1524S□1N2G	150
12	53	-	124	80	114	1.2	11.250	GST07-1M □□□090C32	E84DVB□1524S□1N2G	144
12	53	-	124	80	114	1.9	11.250	GST09-1M □□□090C32	E84DVB□1524S□1N2G	144
11	48	-	111	88	125	2.4	12.571	GST06-2M □□□090C32	E84DVB□1524S□1N2G	150
11	46	-	107	91	130	1.1	13.016	GST05-2M □□□090C32	E84DVB□1524S□1N2G	150
9.8	42	-	98	100	142	2.2	14.286	GST06-2M □□□090C32	E84DVB□1524S□1N2G	150
9.7	42	-	97	100	143	1.0	14.356	GST05-2M □□□090C32	E84DVB□1524S□1N2G	150
9.1	39	-	91	108	153	2.1	15.400	GST06-2M □□□090C32	E84DVB□1524S□1N2G	150
8.6	37	-	86	113	161	0.9	16.190	GST05-2M □□□090C32	E84DVB□1524S□1N2G	150
8.0	34	-	80	122	174	0.8	17.500	GST05-2M □□□090C32	E84DVB□1524S□1N2G	150
8.0	34	-	80	122	174	1.8	17.500	GST06-2M □□□090C32	E84DVB□1524S□1N2G	150
7.0	30	-	70	140	200	1.8	20.044	GST06-2M □□□090C32	E84DVB□1524S□1N2G	150
6.1	26	-	61	159	227	1.4	22.778	GST06-2M □□□090C32	E84DVB□1524S□1N2G	150
6.1	26	-	61	159	227	3.0	22.778	GST07-2M □□□090C32	E84DVB□1524S□1N2G	150
5.7	24	-	57	172	245	2.8	24.567	GST07-2M □□□090C32	E84DVB□1524S□1N2G	150
5.6	24	-	56	174	248	1.5	24.933	GST06-2M □□□090C32	E84DVB□1524S□1N2G	150
5.0	22	-	50	195	278	2.5	27.917	GST07-2M □□□090C32	E84DVB□1524S□1N2G	150
4.9	21	-	49	198	282	1.1	28.333	GST06-2M □□□090C32	E84DVB□1524S□1N2G	150
4.3	19	-	43	226	322	1.1	32.267	GST06-2M □□□090C32	E84DVB□1524S□1N2G	150
4.3	19	-	43	226	322	2.2	32.267	GST07-2M □□□090C32	E84DVB□1524S□1N2G	150
4.3	19	-	43	226	322	2.8	32.267	GST09-2M □□□090C32	E84DVB□1524S□1N2G	150
3.8	16	-	38	257	365	0.9	36.667	GST06-2M □□□090C32	E84DVB□1524S□1N2G	150
3.8	16	-	38	257	365	1.9	36.667	GST07-2M □□□090C32	E84DVB□1524S□1N2G	150
3.8	16	-	38	257	365	2.8	36.667	GST09-2M □□□090C32	E84DVB□1524S□1N2G	150
3.6	15	-	36	270	385	0.8	39.200	GST06-3M □□□090C32	E84DVB□1524S□1N2G	156
3.6	15	-	36	274	390	0.9	39.160	GST06-2M □□□090C32	E84DVB□1524S□1N2G	150
3.6	15	-	36	270	385	1.8	39.200	GST07-3M □□□090C32	E84DVB□1524S□1N2G	156
3.6	15	-	36	274	390	1.8	39.160	GST07-2M □□□090C32	E84DVB□1524S□1N2G	150
3.6	15	-	36	274	390	2.5	39.160	GST09-2M □□□090C32	E84DVB□1524S□1N2G	150
3.2	14	-	32	303	432	1.6	44.000	GST07-3M □□□090C32	E84DVB□1524S□1N2G	156
3.2	14	-	32	298	425	3.0	43.267	GST09-3M □□□090C32	E84DVB□1524S□1N2G	156
3.1	14	-	31	311	443	1.6	44.500	GST07-2M □□□090C32	E84DVB□1524S□1N2G	150
3.1	14	-	31	311	443	2.5	44.500	GST09-2M □□□090C32	E84DVB□1524S□1N2G	150
2.8	12	-	28	346	493	1.2	49.500	GST07-2M □□□090C32	E84DVB□1524S□1N2G	150
2.8	12	-	28	346	493	1.9	49.500	GST09-2M □□□090C32	E84DVB□1524S□1N2G	150
2.8	12	-	28	339	483	3.0	49.167	GST09-3M □□□090C32	E84DVB□1524S□1N2G	156
2.7	12	-	27	352	501	1.4	51.022	GST07-3M □□□090C32	E84DVB□1524S□1N2G	156





50 Hz: P_N = 1.50 kW

n_{22} / n_2 = 1 ... 10.0

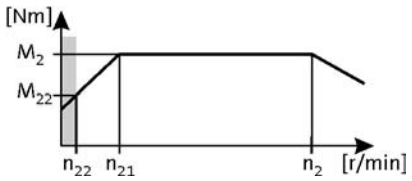
n_1 = 141.0 ... 1410 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
2.6	11	-	26	371	529	1.3	53.900	GST07-3M □□□090C32	E84DVB□1524S□1N2G	156
2.6	11	-	26	366	521	2.7	53.044	GST09-3M □□□090C32	E84DVB□1524S□1N2G	156
2.5	11	-	25	394	560	1.2	56.250	GST07-2M □□□090C32	E84DVB□1524S□1N2G	150
2.5	11	-	25	394	560	1.9	56.250	GST09-2M □□□090C32	E84DVB□1524S□1N2G	150
2.3	10	-	23	415	592	2.7	60.278	GST09-3M □□□090C32	E84DVB□1524S□1N2G	156
2.1	9.2	-	21	448	639	1.1	65.079	GST07-3M □□□090C32	E84DVB□1524S□1N2G	156
2.0	8.6	-	20	483	688	1.0	70.156	GST07-3M □□□090C32	E84DVB□1524S□1N2G	156
1.9	8.4	-	19	495	705	2.1	71.867	GST09-3M □□□090C32	E84DVB□1524S□1N2G	156
1.8	7.5	-	18	550	783	0.9	79.762	GST07-3M □□□090C32	E84DVB□1524S□1N2G	156
1.7	7.4	-	17	563	801	2.0	81.667	GST09-3M □□□090C32	E84DVB□1524S□1N2G	156
1.6	7.0	-	16	593	844	0.8	85.983	GST07-3M □□□090C32	E84DVB□1524S□1N2G	156
1.5	6.4	-	15	645	918	1.8	93.541	GST09-3M □□□090C32	E84DVB□1524S□1N2G	156
1.4	6.1	-	14	683	973	1.6	99.167	GST09-3M □□□090C32	E84DVB□1524S□1N2G	156
1.2	5.3	-	12	783	1115	1.5	113.585	GST09-3M □□□090C32	E84DVB□1524S□1N2G	156
1.1	4.7	-	11	889	1267	1.3	129.074	GST09-3M □□□090C32	E84DVB□1524S□1N2G	156
1.1	4.7	-	11	889	1267	2.2	129.074	GST11-3M □□□090C32	E84DVB□1524S□1N2G	156
1.0	4.3	-	9.9	974	1387	1.2	141.289	GST09-3M □□□090C32	E84DVB□1524S□1N2G	156
1.0	4.1	-	9.5	1013	1442	1.9	146.993	GST11-3M □□□090C32	E84DVB□1524S□1N2G	156
0.9	3.8	-	8.8	1090	1552	1.8	158.194	GST11-3M □□□090C32	E84DVB□1524S□1N2G	156
0.9	3.7	-	8.7	1106	1576	1.0	160.556	GST09-3M □□□090C32	E84DVB□1524S□1N2G	156
0.8	3.3	-	7.7	1241	1768	1.5	180.156	GST11-3M □□□090C32	E84DVB□1524S□1N2G	156
0.8	3.3	-	7.6	1260	1794	0.9	182.844	GST09-3M □□□090C32	E84DVB□1524S□1N2G	156
0.7	2.9	-	6.8	1411	2009	2.8	204.722	GST14-3M □□□090C32	E84DVB□1524S□1N2G	156
0.7	2.9	-	6.7	1432	2039	1.4	207.778	GST11-3M □□□090C32	E84DVB□1524S□1N2G	156
0.6	2.5	-	5.9	1630	2322	1.2	236.622	GST11-3M □□□090C32	E84DVB□1524S□1N2G	156
0.6	2.5	-	5.9	1630	2322	2.5	236.622	GST14-3M □□□090C32	E84DVB□1524S□1N2G	156
0.6	2.4	-	5.6	1712	2438	2.4	248.458	GST14-3M □□□090C32	E84DVB□1524S□1N2G	156
0.6	2.4	-	5.5	1738	2475	1.1	252.167	GST11-3M □□□090C32	E84DVB□1524S□1N2G	156
0.5	2.2	-	5.2	1853	2639	1.1	268.889	GST11-3M □□□090C32	E84DVB□1524S□1N2G	156
0.5	2.2	-	5.2	1853	2639	2.2	268.889	GST14-3M □□□090C32	E84DVB□1524S□1N2G	156
0.4	1.8	-	4.3	2249	3202	0.9	326.333	GST11-3M □□□090C32	E84DVB□1524S□1N2G	156
0.4	1.8	-	4.3	2249	3202	1.9	326.333	GST14-3M □□□090C32	E84DVB□1524S□1N2G	156
0.4	1.7	-	3.8	2501	3562	1.6	363.000	GST14-3M □□□090C32	E84DVB□1524S□1N2G	156
0.3	1.5	-	3.4	2842	4048	1.5	412.500	GST14-3M □□□090C32	E84DVB□1524S□1N2G	156

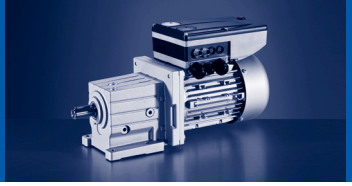
50 Hz: P_N = 2.20 kW

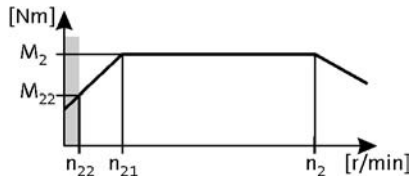
n_{22} / n_2 = 1 ... 10.0

n_1 = 144.0 ... 1440 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
90	375	-	900	14	23	1.9	1.600	GST05-1M □□□100C12	E84DVB□2224S□1N2G	144
90	375	-	900	14	23	2.7	1.600	GST06-1M □□□100C12	E84DVB□2224S□1N2G	144
70	293	-	703	18	29	1.8	2.048	GST05-1M □□□100C12	E84DVB□2224S□1N2G	144
70	293	-	703	18	29	2.5	2.048	GST06-1M □□□100C12	E84DVB□2224S□1N2G	144
64	268	-	643	19	32	1.7	2.240	GST05-1M □□□100C12	E84DVB□2224S□1N2G	144
64	268	-	643	19	32	2.4	2.240	GST06-1M □□□100C12	E84DVB□2224S□1N2G	144
50	210	-	504	25	41	1.3	2.857	GST05-1M □□□100C12	E84DVB□2224S□1N2G	144
50	210	-	504	25	41	2.3	2.857	GST06-1M □□□100C12	E84DVB□2224S□1N2G	144
49	203	-	487	25	42	1.5	2.956	GST05-2M □□□100C12	E84DVB□2224S□1N2G	150
43	180	-	432	28	47	1.7	3.333	GST05-2M □□□100C12	E84DVB□2224S□1N2G	150
41	171	-	411	30	50	1.1	3.500	GST05-1M □□□100C12	E84DVB□2224S□1N2G	144
41	171	-	411	30	50	2.1	3.500	GST06-1M □□□100C12	E84DVB□2224S□1N2G	144
36	148	-	355	34	57	1.4	4.053	GST05-2M □□□100C12	E84DVB□2224S□1N2G	150
35	144	-	346	35	59	3.3	4.160	GST06-2M □□□100C12	E84DVB□2224S□1N2G	150
32	132	-	316	39	66	1.6	4.556	GST06-1M □□□100C12	E84DVB□2224S□1N2G	144
32	132	-	316	39	66	2.8	4.556	GST07-1M □□□100C12	E84DVB□2224S□1N2G	144
32	131	-	315	39	65	1.4	4.571	GST05-2M □□□100C12	E84DVB□2224S□1N2G	150
32	131	-	315	39	65	3.1	4.571	GST06-2M □□□100C12	E84DVB□2224S□1N2G	150
28	116	-	278	44	73	1.2	5.187	GST05-2M □□□100C12	E84DVB□2224S□1N2G	150
27	113	-	271	45	75	2.8	5.324	GST06-2M □□□100C12	E84DVB□2224S□1N2G	150
26	108	-	258	48	80	2.4	5.583	GST07-1M □□□100C12	E84DVB□2224S□1N2G	144
25	106	-	254	49	81	1.3	5.667	GST06-1M □□□100C12	E84DVB□2224S□1N2G	144
25	103	-	246	50	83	1.2	5.850	GST05-2M □□□100C12	E84DVB□2224S□1N2G	150
25	103	-	246	50	83	2.7	5.850	GST06-2M □□□100C12	E84DVB□2224S□1N2G	150
23	94	-	225	54	91	1.2	6.400	GST05-2M □□□100C12	E84DVB□2224S□1N2G	150
23	94	-	225	54	91	2.5	6.400	GST06-2M □□□100C12	E84DVB□2224S□1N2G	150
21	85	-	205	60	100	2.4	7.040	GST06-2M □□□100C12	E84DVB□2224S□1N2G	150
20	83	-	199	61	103	1.1	7.238	GST05-2M □□□100C12	E84DVB□2224S□1N2G	150
20	82	-	196	63	105	1.9	7.333	GST07-1M □□□100C12	E84DVB□2224S□1N2G	144
20	82	-	196	63	105	2.8	7.333	GST09-1M □□□100C12	E84DVB□2224S□1N2G	144
18	74	-	176	69	116	1.0	8.163	GST05-2M □□□100C12	E84DVB□2224S□1N2G	150
18	74	-	176	69	116	2.2	8.163	GST06-2M □□□100C12	E84DVB□2224S□1N2G	150
16	67	-	162	77	128	1.4	8.900	GST07-1M □□□100C12	E84DVB□2224S□1N2G	144
16	67	-	162	77	128	2.3	8.900	GST09-1M □□□100C12	E84DVB□2224S□1N2G	144
16	67	-	160	77	128	0.9	9.010	GST05-2M □□□100C12	E84DVB□2224S□1N2G	150
16	67	-	160	77	128	2.1	9.010	GST06-2M □□□100C12	E84DVB□2224S□1N2G	150
14	60	-	144	85	142	0.9	10.000	GST05-2M □□□100C12	E84DVB□2224S□1N2G	150
14	60	-	144	85	142	1.9	10.000	GST06-2M □□□100C12	E84DVB□2224S□1N2G	150
13	54	-	129	95	159	0.8	11.200	GST05-2M □□□100C12	E84DVB□2224S□1N2G	150
13	54	-	129	95	159	1.8	11.200	GST06-2M □□□100C12	E84DVB□2224S□1N2G	150
13	53	-	128	97	162	1.8	11.250	GST09-1M □□□100C12	E84DVB□2224S□1N2G	144





50 Hz: P_N = 2.20 kW

n_{22} / n_2 = 1 ... 10.0

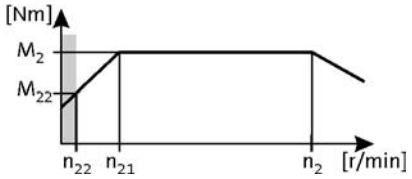
n_1 = 144.0 ... 1440 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
12	48	-	115	107	178	1.7	12.571	GST06-2M □□□100C12	E84DVB□2224S□1N2G	150
10	42	-	101	121	202	1.5	14.286	GST06-2M □□□100C12	E84DVB□2224S□1N2G	150
10	42	-	101	121	202	3.2	14.286	GST07-2M □□□100C12	E84DVB□2224S□1N2G	150
9.4	39	-	94	131	218	1.5	15.400	GST06-2M □□□100C12	E84DVB□2224S□1N2G	150
9.4	39	-	94	131	218	3.0	15.400	GST07-2M □□□100C12	E84DVB□2224S□1N2G	150
8.2	34	-	82	149	248	1.3	17.500	GST06-2M □□□100C12	E84DVB□2224S□1N2G	150
8.2	34	-	82	149	248	2.7	17.500	GST07-2M □□□100C12	E84DVB□2224S□1N2G	150
7.2	30	-	72	170	284	1.2	20.044	GST06-2M □□□100C12	E84DVB□2224S□1N2G	150
7.2	30	-	72	170	284	2.5	20.044	GST07-2M □□□100C12	E84DVB□2224S□1N2G	150
6.3	26	-	63	193	322	1.0	22.778	GST06-2M □□□100C12	E84DVB□2224S□1N2G	150
6.3	26	-	63	193	322	2.1	22.778	GST07-2M □□□100C12	E84DVB□2224S□1N2G	150
5.9	24	-	59	209	348	2.0	24.567	GST07-2M □□□100C12	E84DVB□2224S□1N2G	150
5.8	24	-	58	212	353	1.0	24.933	GST06-2M □□□100C12	E84DVB□2224S□1N2G	150
5.2	22	-	52	237	395	1.8	27.917	GST07-2M □□□100C12	E84DVB□2224S□1N2G	150
4.5	19	-	45	274	457	1.6	32.267	GST07-2M □□□100C12	E84DVB□2224S□1N2G	150
4.5	19	-	45	274	457	2.8	32.267	GST09-2M □□□100C12	E84DVB□2224S□1N2G	150
3.9	16	-	39	311	519	1.4	36.667	GST07-2M □□□100C12	E84DVB□2224S□1N2G	150
3.9	16	-	39	311	519	2.8	36.667	GST09-2M □□□100C12	E84DVB□2224S□1N2G	150
3.7	15	-	37	328	547	1.3	39.200	GST07-3M □□□100C12	E84DVB□2224S□1N2G	156
3.7	15	-	37	332	554	1.3	39.160	GST07-2M □□□100C12	E84DVB□2224S□1N2G	150
3.7	15	-	37	332	554	2.3	39.160	GST09-2M □□□100C12	E84DVB□2224S□1N2G	150
3.7	15	-	37	332	554	2.9	39.160	GST11-2M □□□100C12	E84DVB□2224S□1N2G	150
3.6	15	-	36	336	560	2.4	40.136	GST09-3M □□□100C12	E84DVB□2224S□1N2G	156
3.3	14	-	33	368	614	1.2	44.000	GST07-3M □□□100C12	E84DVB□2224S□1N2G	156
3.3	14	-	33	362	603	2.1	43.267	GST09-3M □□□100C12	E84DVB□2224S□1N2G	156
3.2	14	-	32	378	630	1.1	44.500	GST07-2M □□□100C12	E84DVB□2224S□1N2G	150
3.2	14	-	32	378	630	2.3	44.500	GST09-2M □□□100C12	E84DVB□2224S□1N2G	150
3.2	14	-	32	378	630	2.9	44.500	GST11-2M □□□100C12	E84DVB□2224S□1N2G	150
2.9	12	-	29	420	701	1.8	49.500	GST09-2M □□□100C12	E84DVB□2224S□1N2G	150
2.9	12	-	29	411	686	2.1	49.167	GST09-3M □□□100C12	E84DVB□2224S□1N2G	156
2.9	12	-	29	420	701	2.3	49.500	GST11-2M □□□100C12	E84DVB□2224S□1N2G	150
2.8	12	-	28	427	711	1.0	51.022	GST07-3M □□□100C12	E84DVB□2224S□1N2G	156
2.7	11	-	27	451	752	0.9	53.900	GST07-3M □□□100C12	E84DVB□2224S□1N2G	156
2.7	11	-	27	444	740	1.9	53.044	GST09-3M □□□100C12	E84DVB□2224S□1N2G	156
2.6	11	-	26	478	796	1.8	56.250	GST09-2M □□□100C12	E84DVB□2224S□1N2G	150
2.6	11	-	26	478	796	2.3	56.250	GST11-2M □□□100C12	E84DVB□2224S□1N2G	150
2.5	10	-	25	485	808	3.2	57.968	GST11-3M □□□100C12	E84DVB□2224S□1N2G	156
2.4	10	-	24	504	840	1.9	60.278	GST09-3M □□□100C12	E84DVB□2224S□1N2G	156
2.4	9.8	-	24	512	854	3.2	61.250	GST11-3M □□□100C12	E84DVB□2224S□1N2G	156
2.0	8.4	-	20	601	1002	1.5	71.867	GST09-3M □□□100C12	E84DVB□2224S□1N2G	156
2.0	8.5	-	20	594	990	2.7	71.011	GST11-3M □□□100C12	E84DVB□2224S□1N2G	156

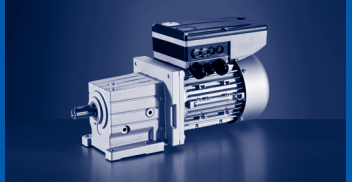
50 Hz: P_N = 2.20 kW

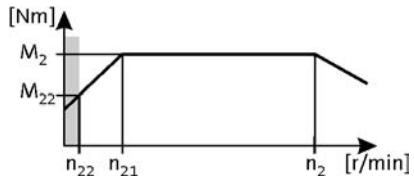
n_{22} / n_2 = 1 ... 10.0

n_1 = 144.0 ... 1440 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
1.8	7.4	-	18	683	1139	1.4	81.667	GST09-3M □□□100C12	E84DVB□2224S□1N2G	156
1.8	7.4	-	18	675	1125	2.5	80.694	GST11-3M □□□100C12	E84DVB□2224S□1N2G	156
1.7	6.9	-	17	730	1217	2.2	87.267	GST11-3M □□□100C12	E84DVB□2224S□1N2G	156
1.5	6.4	-	15	782	1304	1.2	93.541	GST09-3M □□□100C12	E84DVB□2224S□1N2G	156
1.5	6.1	-	15	829	1383	1.2	99.167	GST09-3M □□□100C12	E84DVB□2224S□1N2G	156
1.5	6.1	-	15	829	1383	2.0	99.167	GST11-3M □□□100C12	E84DVB□2224S□1N2G	156
1.3	5.3	-	13	950	1584	1.0	113.585	GST09-3M □□□100C12	E84DVB□2224S□1N2G	156
1.3	5.3	-	13	944	1575	1.7	112.933	GST11-3M □□□100C12	E84DVB□2224S□1N2G	156
1.1	4.7	-	11	1079	1800	0.9	129.074	GST09-3M □□□100C12	E84DVB□2224S□1N2G	156
1.1	4.7	-	11	1079	1800	1.6	129.074	GST11-3M □□□100C12	E84DVB□2224S□1N2G	156
1.0	4.3	-	10	1182	1970	0.8	141.289	GST09-3M □□□100C12	E84DVB□2224S□1N2G	156
1.0	4.3	-	10	1164	1941	3.0	139.211	GST14-3M □□□100C12	E84DVB□2224S□1N2G	156
1.0	4.1	-	9.8	1229	2049	1.3	146.993	GST11-3M □□□100C12	E84DVB□2224S□1N2G	156
0.9	3.8	-	9.1	1323	2206	1.3	158.194	GST11-3M □□□100C12	E84DVB□2224S□1N2G	156
0.9	3.8	-	9.1	1323	2206	2.7	158.194	GST14-3M □□□100C12	E84DVB□2224S□1N2G	156
0.8	3.5	-	8.4	1431	2386	2.5	171.111	GST14-3M □□□100C12	E84DVB□2224S□1N2G	156
0.8	3.3	-	8.0	1507	2512	1.1	180.156	GST11-3M □□□100C12	E84DVB□2224S□1N2G	156
0.7	2.9	-	7.0	1712	2854	2.1	204.722	GST14-3M □□□100C12	E84DVB□2224S□1N2G	156
0.7	2.9	-	6.9	1738	2897	1.0	207.778	GST11-3M □□□100C12	E84DVB□2224S□1N2G	156
0.6	2.5	-	6.1	1979	3299	0.8	236.622	GST11-3M □□□100C12	E84DVB□2224S□1N2G	156
0.6	2.5	-	6.1	1979	3299	1.8	236.622	GST14-3M □□□100C12	E84DVB□2224S□1N2G	156
0.6	2.4	-	5.8	2078	3464	1.7	248.458	GST14-3M □□□100C12	E84DVB□2224S□1N2G	156
0.5	2.2	-	5.4	2249	3749	1.6	268.889	GST14-3M □□□100C12	E84DVB□2224S□1N2G	156
0.4	1.8	-	4.4	2729	4550	1.3	326.333	GST14-3M □□□100C12	E84DVB□2224S□1N2G	156
0.4	1.7	-	4.0	3036	5061	1.1	363.000	GST14-3M □□□100C12	E84DVB□2224S□1N2G	156
0.4	1.5	-	3.5	3449	5751	1.0	412.500	GST14-3M □□□100C12	E84DVB□2224S□1N2G	156





50 Hz: P_N = 3.00 kW

n_{22} / n_2 = 1 ... 10.0

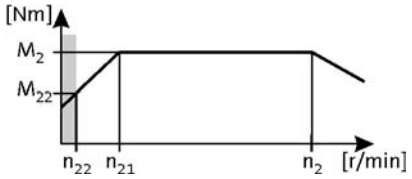
n_1 = 143.0 ... 1430 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
89	375	-	894	19	32	1.4	1.600	GST05-1M □□□100C32	E84DVB□3024S□1N2G	144
89	375	-	894	19	32	1.9	1.600	GST06-1M □□□100C32	E84DVB□3024S□1N2G	144
72	300	-	715	24	40	3.1	2.000	GST07-1M □□□100C32	E84DVB□3024S□1N2G	144
70	293	-	698	24	40	1.3	2.048	GST05-1M □□□100C32	E84DVB□3024S□1N2G	144
70	293	-	698	24	40	1.8	2.048	GST06-1M □□□100C32	E84DVB□3024S□1N2G	144
64	268	-	638	27	44	1.2	2.240	GST05-1M □□□100C32	E84DVB□3024S□1N2G	144
64	268	-	638	27	44	1.8	2.240	GST06-1M □□□100C32	E84DVB□3024S□1N2G	144
64	268	-	638	27	44	3.0	2.240	GST07-1M □□□100C32	E84DVB□3024S□1N2G	144
50	210	-	501	34	56	0.9	2.857	GST05-1M □□□100C32	E84DVB□3024S□1N2G	144
50	210	-	501	34	56	1.6	2.857	GST06-1M □□□100C32	E84DVB□3024S□1N2G	144
50	210	-	501	34	56	2.8	2.857	GST07-1M □□□100C32	E84DVB□3024S□1N2G	144
48	203	-	484	35	57	1.1	2.956	GST05-2M □□□100C32	E84DVB□3024S□1N2G	150
47	198	-	471	35	59	2.8	3.033	GST06-2M □□□100C32	E84DVB□3024S□1N2G	150
43	180	-	429	39	65	1.2	3.333	GST05-2M □□□100C32	E84DVB□3024S□1N2G	150
43	180	-	429	39	65	2.7	3.333	GST06-2M □□□100C32	E84DVB□3024S□1N2G	150
41	171	-	409	42	69	1.5	3.500	GST06-1M □□□100C32	E84DVB□3024S□1N2G	144
41	171	-	409	42	69	2.5	3.500	GST07-1M □□□100C32	E84DVB□3024S□1N2G	144
35	148	-	353	47	79	1.0	4.053	GST05-2M □□□100C32	E84DVB□3024S□1N2G	150
34	144	-	344	49	81	2.4	4.160	GST06-2M □□□100C32	E84DVB□3024S□1N2G	150
31	132	-	314	54	90	1.2	4.556	GST06-1M □□□100C32	E84DVB□3024S□1N2G	144
31	132	-	314	54	90	2.1	4.556	GST07-1M □□□100C32	E84DVB□3024S□1N2G	144
31	131	-	313	53	89	1.0	4.571	GST05-2M □□□100C32	E84DVB□3024S□1N2G	150
31	131	-	313	53	89	2.3	4.571	GST06-2M □□□100C32	E84DVB□3024S□1N2G	150
31	129	-	306	55	92	3.0	4.667	GST09-1M □□□100C32	E84DVB□3024S□1N2G	144
28	116	-	276	61	101	0.9	5.187	GST05-2M □□□100C32	E84DVB□3024S□1N2G	150
27	113	-	269	62	104	2.0	5.324	GST06-2M □□□100C32	E84DVB□3024S□1N2G	150
26	108	-	256	66	110	1.8	5.583	GST07-1M □□□100C32	E84DVB□3024S□1N2G	144
25	106	-	252	67	112	0.9	5.667	GST06-1M □□□100C32	E84DVB□3024S□1N2G	144
25	106	-	252	67	112	2.5	5.667	GST09-1M □□□100C32	E84DVB□3024S□1N2G	144
24	103	-	244	68	114	0.9	5.850	GST05-2M □□□100C32	E84DVB□3024S□1N2G	150
24	103	-	244	68	114	2.0	5.850	GST06-2M □□□100C32	E84DVB□3024S□1N2G	150
22	94	-	223	75	124	0.8	6.400	GST05-2M □□□100C32	E84DVB□3024S□1N2G	150
22	94	-	223	75	124	1.8	6.400	GST06-2M □□□100C32	E84DVB□3024S□1N2G	150
20	85	-	203	82	137	1.7	7.040	GST06-2M □□□100C32	E84DVB□3024S□1N2G	150
20	82	-	195	87	145	1.4	7.333	GST07-1M □□□100C32	E84DVB□3024S□1N2G	144
20	82	-	195	87	145	2.0	7.333	GST09-1M □□□100C32	E84DVB□3024S□1N2G	144
18	74	-	175	95	159	1.6	8.163	GST06-2M □□□100C32	E84DVB□3024S□1N2G	150
16	68	-	163	103	171	3.1	8.800	GST07-2M □□□100C32	E84DVB□3024S□1N2G	150
16	67	-	161	106	176	1.0	8.900	GST07-1M □□□100C32	E84DVB□3024S□1N2G	144
16	67	-	161	106	176	1.7	8.900	GST09-1M □□□100C32	E84DVB□3024S□1N2G	144
16	67	-	159	105	175	1.5	9.010	GST06-2M □□□100C32	E84DVB□3024S□1N2G	150

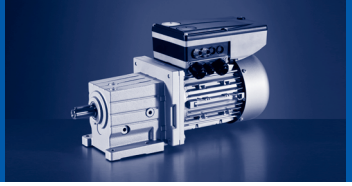
50 Hz: P_N = 3.00 kW

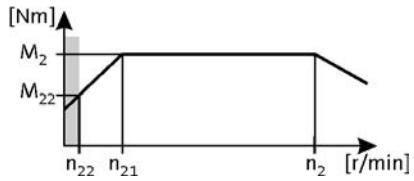
n_{22} / n_2 = 1 ... 10.0

n_1 = 143.0 ... 1430 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
15	61	-	145	115	192	2.9	9.856	GST07-2M □□□100C32	E84DVB□3024S□1N2G	150
14	60	-	143	117	194	1.4	10.000	GST06-2M □□□100C32	E84DVB□3024S□1N2G	150
13	54	-	128	131	218	1.3	11.200	GST06-2M □□□100C32	E84DVB□3024S□1N2G	150
13	54	-	128	131	218	2.8	11.200	GST07-2M □□□100C32	E84DVB□3024S□1N2G	150
13	53	-	127	133	222	1.3	11.250	GST09-1M □□□100C32	E84DVB□3024S□1N2G	144
11	48	-	114	147	244	1.2	12.571	GST06-2M □□□100C32	E84DVB□3024S□1N2G	150
11	48	-	114	147	244	2.5	12.571	GST07-2M □□□100C32	E84DVB□3024S□1N2G	150
10	42	-	100	167	278	1.1	14.286	GST06-2M □□□100C32	E84DVB□3024S□1N2G	150
10	42	-	100	167	278	2.3	14.286	GST07-2M □□□100C32	E84DVB□3024S□1N2G	150
9.3	39	-	93	180	299	1.1	15.400	GST06-2M □□□100C32	E84DVB□3024S□1N2G	150
9.3	39	-	93	180	299	2.2	15.400	GST07-2M □□□100C32	E84DVB□3024S□1N2G	150
8.2	34	-	82	204	340	0.9	17.500	GST06-2M □□□100C32	E84DVB□3024S□1N2G	150
8.2	34	-	82	204	340	2.0	17.500	GST07-2M □□□100C32	E84DVB□3024S□1N2G	150
7.1	30	-	71	234	390	0.9	20.044	GST06-2M □□□100C32	E84DVB□3024S□1N2G	150
7.1	30	-	71	234	390	1.8	20.044	GST07-2M □□□100C32	E84DVB□3024S□1N2G	150
7.0	29	-	70	240	399	3.0	20.533	GST09-2M □□□100C32	E84DVB□3024S□1N2G	150
6.3	26	-	63	266	443	1.5	22.778	GST07-2M □□□100C32	E84DVB□3024S□1N2G	150
6.1	26	-	61	272	454	3.0	23.333	GST09-2M □□□100C32	E84DVB□3024S□1N2G	150
5.8	24	-	58	287	478	1.5	24.567	GST07-2M □□□100C32	E84DVB□3024S□1N2G	150
5.7	24	-	57	291	485	2.5	24.933	GST09-2M □□□100C32	E84DVB□3024S□1N2G	150
5.1	22	-	51	326	543	1.3	27.917	GST07-2M □□□100C32	E84DVB□3024S□1N2G	150
5.1	21	-	51	331	551	2.5	28.333	GST09-2M □□□100C32	E84DVB□3024S□1N2G	150
4.4	19	-	44	377	627	1.1	32.267	GST07-2M □□□100C32	E84DVB□3024S□1N2G	150
4.4	19	-	44	377	627	2.0	32.267	GST09-2M □□□100C32	E84DVB□3024S□1N2G	150
4.4	19	-	44	377	627	2.5	32.267	GST11-2M □□□100C32	E84DVB□3024S□1N2G	150
3.9	16	-	39	428	713	1.0	36.667	GST07-2M □□□100C32	E84DVB□3024S□1N2G	150
3.9	16	-	39	428	713	2.0	36.667	GST09-2M □□□100C32	E84DVB□3024S□1N2G	150
3.9	16	-	39	428	713	2.5	36.667	GST11-2M □□□100C32	E84DVB□3024S□1N2G	150
3.7	15	-	37	457	761	0.9	39.160	GST07-2M □□□100C32	E84DVB□3024S□1N2G	150
3.7	15	-	37	451	751	0.9	39.200	GST07-3M □□□100C32	E84DVB□3024S□1N2G	156
3.7	15	-	37	457	761	1.7	39.160	GST09-2M □□□100C32	E84DVB□3024S□1N2G	150
3.7	15	-	37	457	761	2.1	39.160	GST11-2M □□□100C32	E84DVB□3024S□1N2G	150
3.6	15	-	36	461	768	1.8	40.136	GST09-3M □□□100C32	E84DVB□3024S□1N2G	156
3.3	14	-	33	506	842	0.8	44.000	GST07-3M □□□100C32	E84DVB□3024S□1N2G	156
3.3	14	-	33	497	828	1.6	43.267	GST09-3M □□□100C32	E84DVB□3024S□1N2G	156
3.3	14	-	33	506	842	2.9	44.000	GST11-3M □□□100C32	E84DVB□3024S□1N2G	156
3.2	14	-	32	519	865	0.8	44.500	GST07-2M □□□100C32	E84DVB□3024S□1N2G	150
3.2	14	-	32	519	865	1.7	44.500	GST09-2M □□□100C32	E84DVB□3024S□1N2G	150
3.2	14	-	32	519	865	2.1	44.500	GST11-2M □□□100C32	E84DVB□3024S□1N2G	150
2.9	12	-	29	578	962	1.3	49.500	GST09-2M □□□100C32	E84DVB□3024S□1N2G	150
2.9	12	-	29	565	941	1.6	49.167	GST09-3M □□□100C32	E84DVB□3024S□1N2G	156





50 Hz: P_N = 3.00 kW

n_{22} / n_2 = 1 ... 10.0

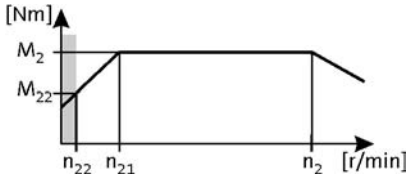
n_1 = 143.0 ... 1430 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
2.9	12	-	29	578	962	1.7	49.500	GST11-2M □□□100C32	E84DVB□3024S□1N2G	150
2.9	12	-	29	575	957	2.9	50.000	GST11-3M □□□100C32	E84DVB□3024S□1N2G	156
2.7	11	-	27	610	1016	1.4	53.044	GST09-3M □□□100C32	E84DVB□3024S□1N2G	156
2.5	11	-	25	657	1093	1.3	56.250	GST09-2M □□□100C32	E84DVB□3024S□1N2G	150
2.5	11	-	25	657	1093	1.7	56.250	GST11-2M □□□100C32	E84DVB□3024S□1N2G	150
2.5	10	-	25	666	1110	2.3	57.968	GST11-3M □□□100C32	E84DVB□3024S□1N2G	156
2.4	10	-	24	693	1154	1.4	60.278	GST09-3M □□□100C32	E84DVB□3024S□1N2G	156
2.3	9.8	-	23	704	1173	2.3	61.250	GST11-3M □□□100C32	E84DVB□3024S□1N2G	156
2.0	8.4	-	20	826	1376	1.1	71.867	GST09-3M □□□100C32	E84DVB□3024S□1N2G	156
2.0	8.5	-	20	816	1360	1.9	71.011	GST11-3M □□□100C32	E84DVB□3024S□1N2G	156
1.8	7.4	-	18	939	1564	1.0	81.667	GST09-3M □□□100C32	E84DVB□3024S□1N2G	156
1.8	7.4	-	18	928	1545	1.8	80.694	GST11-3M □□□100C32	E84DVB□3024S□1N2G	156
1.6	6.9	-	16	1003	1671	1.6	87.267	GST11-3M □□□100C32	E84DVB□3024S□1N2G	156
1.5	6.4	-	15	1075	1791	0.9	93.541	GST09-3M □□□100C32	E84DVB□3024S□1N2G	156
1.5	6.4	-	15	1075	1791	3.0	93.541	GST14-3M □□□100C32	E84DVB□3024S□1N2G	156
1.4	6.1	-	14	1140	1899	0.8	99.167	GST09-3M □□□100C32	E84DVB□3024S□1N2G	156
1.4	6.1	-	14	1140	1899	1.5	99.167	GST11-3M □□□100C32	E84DVB□3024S□1N2G	156
1.4	5.6	-	14	1222	2035	2.9	106.296	GST14-3M □□□100C32	E84DVB□3024S□1N2G	156
1.3	5.3	-	13	1298	2162	1.3	112.933	GST11-3M □□□100C32	E84DVB□3024S□1N2G	156
1.1	4.7	-	11	1484	2471	1.1	129.074	GST11-3M □□□100C32	E84DVB□3024S□1N2G	156
1.1	4.6	-	11	1498	2494	2.4	130.278	GST14-3M □□□100C32	E84DVB□3024S□1N2G	156
1.0	4.3	-	10	1601	2665	2.2	139.211	GST14-3M □□□100C32	E84DVB□3024S□1N2G	156
1.0	4.1	-	9.7	1690	2814	1.0	146.993	GST11-3M □□□100C32	E84DVB□3024S□1N2G	156
0.9	3.8	-	9.0	1819	3029	0.9	158.194	GST11-3M □□□100C32	E84DVB□3024S□1N2G	156
0.9	3.8	-	9.0	1819	3029	2.0	158.194	GST14-3M □□□100C32	E84DVB□3024S□1N2G	156
0.8	3.5	-	8.4	1967	3276	1.8	171.111	GST14-3M □□□100C32	E84DVB□3024S□1N2G	156
0.7	2.9	-	7.0	2354	3920	1.5	204.722	GST14-3M □□□100C32	E84DVB□3024S□1N2G	156
0.6	2.5	-	6.0	2720	4530	1.3	236.622	GST14-3M □□□100C32	E84DVB□3024S□1N2G	156
0.6	2.4	-	5.8	2857	4757	1.2	248.458	GST14-3M □□□100C32	E84DVB□3024S□1N2G	156
0.5	2.2	-	5.3	3091	5148	1.2	268.889	GST14-3M □□□100C32	E84DVB□3024S□1N2G	156
0.4	1.8	-	4.4	3752	6248	1.0	326.333	GST14-3M □□□100C32	E84DVB□3024S□1N2G	156
0.4	1.7	-	3.9	4173	6950	0.8	363.000	GST14-3M □□□100C32	E84DVB□3024S□1N2G	156

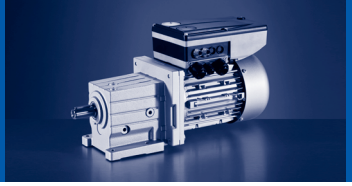
87 Hz: P_N = 0.33 kW

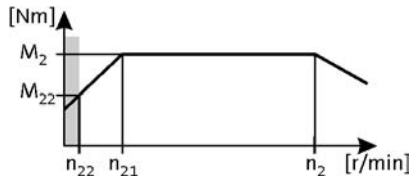
n_{22} / n_2 = 1 ... 17.4

n_1 = 142.2 ... 2475 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
64	268	-	1105	2.1	3.0	2.9	2.240	GST04-1M □□□063C32	E84DVB□5514S□1N2G	144
55	231	-	953	2.4	3.0	4.8	2.597	GST03-2M □□□063C32	E84DVB□5514S□1N2G	150
50	210	-	866	2.7	4.0	2.7	2.857	GST04-1M □□□063C32	E84DVB□5514S□1N2G	144
42	176	-	725	3.2	4.0	3.9	3.413	GST03-2M □□□063C32	E84DVB□5514S□1N2G	150
33	137	-	567	4.1	5.0	3.3	4.368	GST03-2M □□□063C32	E84DVB□5514S□1N2G	150
32	136	-	563	4.2	6.0	3.0	4.400	GST04-1M □□□063C32	E84DVB□5514S□1N2G	144
27	113	-	466	5.0	7.0	3.5	5.312	GST03-2M □□□063C32	E84DVB□5514S□1N2G	150
25	106	-	437	5.4	7.0	2.5	5.667	GST04-1M □□□063C32	E84DVB□5514S□1N2G	144
24	101	-	415	5.6	7.0	3.3	5.965	GST03-2M □□□063C32	E84DVB□5514S□1N2G	150
22	94	-	387	6.0	8.0	2.9	6.400	GST04-2M □□□063C32	E84DVB□5514S□1N2G	150
20	86	-	355	6.6	9.0	2.9	6.982	GST03-2M □□□063C32	E84DVB□5514S□1N2G	150
20	84	-	345	6.9	9.0	2.2	7.182	GST04-1M □□□063C32	E84DVB□5514S□1N2G	144
18	77	-	316	7.4	10	2.8	7.840	GST03-2M □□□063C32	E84DVB□5514S□1N2G	150
16	67	-	277	8.4	11	2.5	8.935	GST03-2M □□□063C32	E84DVB□5514S□1N2G	150
16	67	-	275	8.6	11	1.8	9.000	GST04-1M □□□063C32	E84DVB□5514S□1N2G	144
14	61	-	251	9.3	12	2.9	9.856	GST04-2M □□□063C32	E84DVB□5514S□1N2G	150
14	60	-	247	9.4	12	2.4	10.033	GST03-2M □□□063C32	E84DVB□5514S□1N2G	150
12	53	-	217	11	14	2.1	11.429	GST03-2M □□□063C32	E84DVB□5514S□1N2G	150
12	51	-	209	11	15	0.9	11.857	GST04-1M □□□063C32	E84DVB□5514S□1N2G	144
11	48	-	197	12	15	2.7	12.571	GST04-2M □□□063C32	E84DVB□5514S□1N2G	150
11	47	-	193	12	16	2.0	12.833	GST03-2M □□□063C32	E84DVB□5514S□1N2G	150
10	42	-	173	13	18	2.7	14.286	GST04-2M □□□063C32	E84DVB□5514S□1N2G	150
9.6	40	-	167	14	18	1.8	14.836	GST03-2M □□□063C32	E84DVB□5514S□1N2G	150
8.5	36	-	149	16	20	1.9	16.660	GST03-2M □□□063C32	E84DVB□5514S□1N2G	150
7.5	32	-	130	18	23	1.7	19.013	GST03-2M □□□063C32	E84DVB□5514S□1N2G	150
7.4	31	-	128	18	24	2.9	19.360	GST04-2M □□□063C32	E84DVB□5514S□1N2G	150
6.7	28	-	116	20	26	1.6	21.350	GST03-2M □□□063C32	E84DVB□5514S□1N2G	150
6.5	27	-	113	21	27	2.2	22.000	GST04-2M □□□063C32	E84DVB□5514S□1N2G	150
5.8	24	-	101	23	30	1.4	24.595	GST03-2M □□□063C32	E84DVB□5514S□1N2G	150
5.7	24	-	99	24	31	2.3	24.933	GST04-2M □□□063C32	E84DVB□5514S□1N2G	150
5.2	22	-	90	26	34	1.3	27.618	GST03-2M □□□063C32	E84DVB□5514S□1N2G	150
5.0	21	-	87	27	35	1.8	28.333	GST04-2M □□□063C32	E84DVB□5514S□1N2G	150
4.5	19	-	78	30	39	1.8	31.600	GST04-2M □□□063C32	E84DVB□5514S□1N2G	150
4.5	19	-	77	30	39	1.1	32.000	GST03-2M □□□063C32	E84DVB□5514S□1N2G	150
4.0	17	-	69	34	44	1.0	35.933	GST03-2M □□□063C32	E84DVB□5514S□1N2G	150
4.0	17	-	69	34	44	1.4	35.909	GST04-2M □□□063C32	E84DVB□5514S□1N2G	150
3.9	17	-	68	34	44	3.0	36.267	GST05-3M □□□063C32	E84DVB□5514S□1N2G	156
3.6	15	-	63	37	48	1.5	39.600	GST04-2M □□□063C32	E84DVB□5514S□1N2G	150
3.4	15	-	60	39	51	0.9	41.455	GST03-2M □□□063C32	E84DVB□5514S□1N2G	150
3.2	13	-	55	42	55	1.2	45.000	GST04-2M □□□063C32	E84DVB□5514S□1N2G	150
3.1	13	-	54	43	56	2.6	46.259	GST05-3M □□□063C32	E84DVB□5514S□1N2G	156





87 Hz: P_N = 0.33 kW

n_{22} / n_2 = 1 ... 17.4

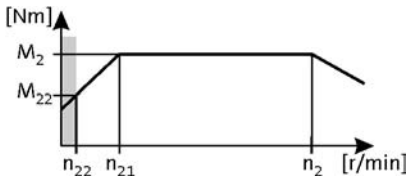
n_1 = 142.2 ... 2475 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
2.7	12	-	47	49	64	1.1	52.171	GST04-2M □□□063C32	E84DVB□5514S□1N2G	150
2.4	10	-	42	56	72	0.9	59.286	GST04-2M □□□063C32	E84DVB□5514S□1N2G	150
2.2	9.5	-	39	59	76	1.9	63.467	GST05-3M □□□063C32	E84DVB□5514S□1N2G	156
2.0	8.4	-	35	66	86	2.0	71.238	GST05-3M □□□063C32	E84DVB□5514S□1N2G	156
1.8	7.4	-	31	75	97	1.5	80.952	GST05-3M □□□063C32	E84DVB□5514S□1N2G	156
1.8	7.4	-	31	75	97	3.2	80.952	GST06-3M □□□063C32	E84DVB□5514S□1N2G	156
1.6	6.5	-	27	85	110	1.5	91.746	GST05-3M □□□063C32	E84DVB□5514S□1N2G	156
1.3	5.5	-	23	102	132	2.8	109.707	GST06-3M □□□063C32	E84DVB□5514S□1N2G	156
1.2	5.2	-	21	108	140	1.2	116.277	GST05-3M □□□063C32	E84DVB□5514S□1N2G	156
1.1	4.8	-	20	116	150	1.0	124.667	GST05-3M □□□063C32	E84DVB□5514S□1N2G	156
1.1	4.8	-	20	116	150	2.3	124.667	GST06-3M □□□063C32	E84DVB□5514S□1N2G	156
1.0	4.3	-	18	131	170	2.2	141.289	GST06-3M □□□063C32	E84DVB□5514S□1N2G	156
1.0	4.1	-	17	135	175	1.0	145.714	GST05-3M □□□063C32	E84DVB□5514S□1N2G	156
0.9	3.7	-	15	149	193	1.8	160.556	GST06-3M □□□063C32	E84DVB□5514S□1N2G	156
0.8	3.4	-	14	166	216	1.7	179.067	GST06-3M □□□063C32	E84DVB□5514S□1N2G	156
0.7	3.0	-	12	189	245	1.4	203.485	GST06-3M □□□063C32	E84DVB□5514S□1N2G	156
0.6	2.6	-	11	215	279	1.3	231.733	GST06-3M □□□063C32	E84DVB□5514S□1N2G	156
0.6	2.4	-	9.7	236	307	1.1	255.000	GST06-3M □□□063C32	E84DVB□5514S□1N2G	156
0.5	2.1	-	8.5	269	350	1.1	290.400	GST06-3M □□□063C32	E84DVB□5514S□1N2G	156
0.4	1.8	-	7.5	306	397	0.9	330.000	GST06-3M □□□063C32	E84DVB□5514S□1N2G	156
0.4	1.6	-	6.5	355	460	0.8	382.590	GST06-3M □□□063C32	E84DVB□5514S□1N2G	156

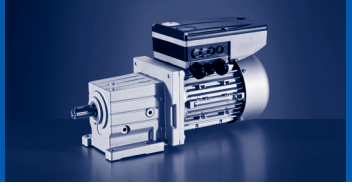
87 Hz: P_N = 0.45 kW

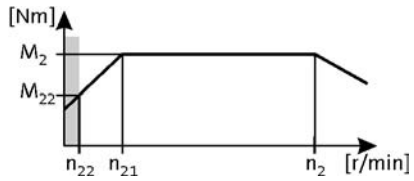
n_{22} / n_2 = 1 ... 17.4

n_1 = 142.5 ... 2480 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
89	375	-	1550	2.1	3.0	3.9	1.600	GST04-1M □□□063C42	E84DVB□5514S□1N2G	144
70	293	-	1211	2.7	4.0	4.4	2.048	GST04-1M □□□063C42	E84DVB□5514S□1N2G	144
64	268	-	1107	3.0	4.0	3.9	2.240	GST05-1M □□□063C42	E84DVB□5514S□1N2G	144
55	231	-	955	3.4	4.0	3.5	2.597	GST03-2M □□□063C42	E84DVB□5514S□1N2G	150
50	210	-	868	3.8	5.0	4.1	2.857	GST04-1M □□□063C42	E84DVB□5514S□1N2G	144
48	203	-	839	3.9	5.0	3.9	2.956	GST04-2M □□□063C42	E84DVB□5514S□1N2G	150
42	176	-	727	4.4	6.0	2.8	3.413	GST03-2M □□□063C42	E84DVB□5514S□1N2G	150
41	171	-	709	4.6	6.0	3.5	3.500	GST04-1M □□□063C42	E84DVB□5514S□1N2G	144
35	148	-	612	5.3	7.0	3.9	4.053	GST04-2M □□□063C42	E84DVB□5514S□1N2G	150
33	137	-	568	5.7	7.0	2.4	4.368	GST03-2M □□□063C42	E84DVB□5514S□1N2G	150
32	136	-	564	5.8	8.0	2.8	4.400	GST04-1M □□□063C42	E84DVB□5514S□1N2G	144
28	116	-	478	6.8	9.0	4.4	5.187	GST04-2M □□□063C42	E84DVB□5514S□1N2G	150
27	113	-	467	6.9	9.0	2.5	5.312	GST03-2M □□□063C42	E84DVB□5514S□1N2G	150
25	106	-	438	7.5	10	2.2	5.667	GST04-1M □□□063C42	E84DVB□5514S□1N2G	144
24	101	-	416	7.8	10	2.4	5.965	GST03-2M □□□063C42	E84DVB□5514S□1N2G	150
22	94	-	388	8.3	11	3.9	6.400	GST05-2M □□□063C42	E84DVB□5514S□1N2G	150
20	86	-	355	9.1	12	2.1	6.982	GST03-2M □□□063C42	E84DVB□5514S□1N2G	150
20	84	-	345	9.5	12	1.7	7.182	GST04-1M □□□063C42	E84DVB□5514S□1N2G	144
18	77	-	316	10	13	2.0	7.840	GST03-2M □□□063C42	E84DVB□5514S□1N2G	150
18	75	-	310	10	14	3.7	8.000	GST04-2M □□□063C42	E84DVB□5514S□1N2G	150
16	67	-	279	12	15	2.3	8.900	GST05-1M □□□063C42	E84DVB□5514S□1N2G	144
16	67	-	279	12	15	2.7	8.900	GST06-1M □□□063C42	E84DVB□5514S□1N2G	144
16	67	-	278	12	15	1.8	8.935	GST03-2M □□□063C42	E84DVB□5514S□1N2G	150
16	67	-	276	12	15	1.0	9.000	GST04-1M □□□063C42	E84DVB□5514S□1N2G	144
15	61	-	252	13	17	3.3	9.856	GST04-2M □□□063C42	E84DVB□5514S□1N2G	150
14	60	-	247	13	17	1.7	10.033	GST03-2M □□□063C42	E84DVB□5514S□1N2G	150
13	54	-	221	15	19	2.7	11.200	GST04-2M □□□063C42	E84DVB□5514S□1N2G	150
13	53	-	220	15	19	2.2	11.250	GST06-1M □□□063C42	E84DVB□5514S□1N2G	144
13	53	-	218	15	20	1.2	11.375	GST05-1M □□□063C42	E84DVB□5514S□1N2G	144
13	53	-	217	15	19	1.6	11.429	GST03-2M □□□063C42	E84DVB□5514S□1N2G	150
11	48	-	197	16	21	2.8	12.571	GST04-2M □□□063C42	E84DVB□5514S□1N2G	150
11	47	-	193	17	22	1.5	12.833	GST03-2M □□□063C42	E84DVB□5514S□1N2G	150
10	42	-	174	19	24	2.1	14.286	GST04-2M □□□063C42	E84DVB□5514S□1N2G	150
9.6	40	-	167	19	25	1.3	14.836	GST03-2M □□□063C42	E84DVB□5514S□1N2G	150
9.3	39	-	161	20	26	2.6	15.400	GST04-2M □□□063C42	E84DVB□5514S□1N2G	150
8.6	36	-	149	22	28	1.4	16.660	GST03-2M □□□063C42	E84DVB□5514S□1N2G	150
8.1	34	-	142	23	30	2.0	17.500	GST04-2M □□□063C42	E84DVB□5514S□1N2G	150
7.5	32	-	130	25	32	1.3	19.013	GST03-2M □□□063C42	E84DVB□5514S□1N2G	150
7.4	31	-	128	25	33	2.1	19.360	GST04-2M □□□063C42	E84DVB□5514S□1N2G	150
6.7	28	-	116	28	36	1.2	21.350	GST03-2M □□□063C42	E84DVB□5514S□1N2G	150
6.5	27	-	113	29	37	1.6	22.000	GST04-2M □□□063C42	E84DVB□5514S□1N2G	150





87 Hz: P_N = 0.45 kW

n_{22} / n_2 = 1 ... 17.4

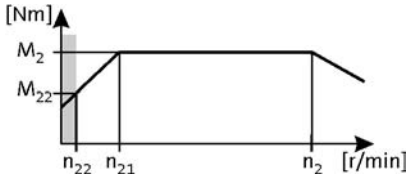
n_1 = 142.5 ... 2480 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
5.8	24	-	101	32	42	1.0	24.595	GST03-2M □□□063C42	E84DVB□5514S□1N2G	150
5.7	24	-	100	33	42	1.6	24.933	GST04-2M □□□063C42	E84DVB□5514S□1N2G	150
5.2	22	-	90	36	47	0.9	27.618	GST03-2M □□□063C42	E84DVB□5514S□1N2G	150
5.0	21	-	88	37	48	1.3	28.333	GST04-2M □□□063C42	E84DVB□5514S□1N2G	150
5.0	21	-	88	37	48	3.0	28.333	GST05-2M □□□063C42	E84DVB□5514S□1N2G	150
4.5	19	-	79	41	53	1.3	31.600	GST04-2M □□□063C42	E84DVB□5514S□1N2G	150
4.4	19	-	77	42	55	2.9	32.267	GST05-2M □□□063C42	E84DVB□5514S□1N2G	150
4.0	17	-	69	47	61	1.0	35.909	GST04-2M □□□063C42	E84DVB□5514S□1N2G	150
3.9	17	-	68	47	60	2.1	36.267	GST05-3M □□□063C42	E84DVB□5514S□1N2G	156
3.9	16	-	68	48	62	2.3	36.667	GST05-2M □□□063C42	E84DVB□5514S□1N2G	150
3.6	15	-	63	52	67	1.1	39.600	GST04-2M □□□063C42	E84DVB□5514S□1N2G	150
3.6	15	-	63	51	66	2.4	39.160	GST05-2M □□□063C42	E84DVB□5514S□1N2G	150
3.6	15	-	63	51	66	3.1	39.160	GST06-2M □□□063C42	E84DVB□5514S□1N2G	150
3.2	14	-	56	58	75	2.0	44.500	GST05-2M □□□063C42	E84DVB□5514S□1N2G	150
3.2	14	-	56	58	75	3.2	44.500	GST06-2M □□□063C42	E84DVB□5514S□1N2G	150
3.2	13	-	55	59	76	0.9	45.000	GST04-2M □□□063C42	E84DVB□5514S□1N2G	150
3.1	13	-	54	59	77	1.9	46.259	GST05-3M □□□063C42	E84DVB□5514S□1N2G	156
2.9	12	-	50	65	85	1.4	50.050	GST05-2M □□□063C42	E84DVB□5514S□1N2G	150
2.9	12	-	50	64	84	2.6	49.500	GST06-2M □□□063C42	E84DVB□5514S□1N2G	150
2.5	11	-	44	74	96	1.4	56.875	GST05-2M □□□063C42	E84DVB□5514S□1N2G	150
2.5	11	-	44	73	94	1.6	56.667	GST05-3M □□□063C42	E84DVB□5514S□1N2G	156
2.5	11	-	44	73	95	2.6	56.250	GST06-2M □□□063C42	E84DVB□5514S□1N2G	150
2.3	9.5	-	39	81	106	1.4	63.467	GST05-3M □□□063C42	E84DVB□5514S□1N2G	156
2.1	8.9	-	37	87	113	3.2	67.760	GST06-3M □□□063C42	E84DVB□5514S□1N2G	156
2.0	8.4	-	35	91	119	1.4	71.238	GST05-3M □□□063C42	E84DVB□5514S□1N2G	156
2.0	8.6	-	35	90	117	3.1	70.156	GST06-3M □□□063C42	E84DVB□5514S□1N2G	156
1.8	7.4	-	31	104	135	1.1	80.952	GST05-3M □□□063C42	E84DVB□5514S□1N2G	156
1.8	7.4	-	31	104	135	2.5	80.952	GST06-3M □□□063C42	E84DVB□5514S□1N2G	156
1.6	6.9	-	28	112	145	2.5	87.267	GST06-3M □□□063C42	E84DVB□5514S□1N2G	156
1.6	6.5	-	27	118	153	1.1	91.746	GST05-3M □□□063C42	E84DVB□5514S□1N2G	156
1.4	6.1	-	25	127	165	0.9	99.167	GST05-3M □□□063C42	E84DVB□5514S□1N2G	156
1.4	6.1	-	25	127	165	2.0	99.167	GST06-3M □□□063C42	E84DVB□5514S□1N2G	156
1.3	5.5	-	23	141	183	2.1	109.707	GST06-3M □□□063C42	E84DVB□5514S□1N2G	156
1.2	5.2	-	21	149	194	0.9	116.277	GST05-3M □□□063C42	E84DVB□5514S□1N2G	156
1.1	4.8	-	20	160	208	1.6	124.667	GST06-3M □□□063C42	E84DVB□5514S□1N2G	156
1.0	4.3	-	18	181	235	1.6	141.289	GST06-3M □□□063C42	E84DVB□5514S□1N2G	156
1.0	4.3	-	18	179	232	3.0	139.211	GST07-3M □□□063C42	E84DVB□5514S□1N2G	156
0.9	3.8	-	16	203	263	2.7	158.194	GST07-3M □□□063C42	E84DVB□5514S□1N2G	156
0.9	3.7	-	15	206	267	1.3	160.556	GST06-3M □□□063C42	E84DVB□5514S□1N2G	156
0.8	3.4	-	14	230	298	1.3	179.067	GST06-3M □□□063C42	E84DVB□5514S□1N2G	156
0.8	3.3	-	14	231	300	2.4	180.156	GST07-3M □□□063C42	E84DVB□5514S□1N2G	156

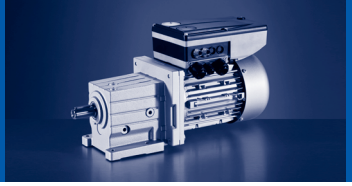
87 Hz: P_N = 0.45 kW

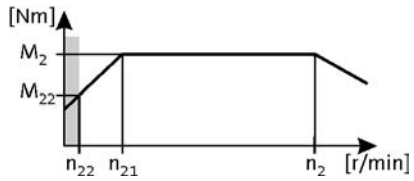
n_{22} / n_2 = 1 ... 17.4

n_1 = 142.5 ... 2480 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
0.7	3.0	-	12	261	339	1.0	203.485	GST06-3M □□□063C42	E84DVB□5514S□1N2G	156
0.7	2.9	-	12	263	341	2.1	204.722	GST07-3M □□□063C42	E84DVB□5514S□1N2G	156
0.6	2.6	-	11	297	386	1.0	231.733	GST06-3M □□□063C42	E84DVB□5514S□1N2G	156
0.6	2.5	-	11	303	394	1.8	236.622	GST07-3M □□□063C42	E84DVB□5514S□1N2G	156
0.6	2.4	-	10	319	414	1.7	248.458	GST07-3M □□□063C42	E84DVB□5514S□1N2G	156
0.6	2.4	-	9.8	323	420	3.2	252.167	GST09-3M □□□063C42	E84DVB□5514S□1N2G	156
0.6	2.4	-	9.7	327	425	0.8	255.000	GST06-3M □□□063C42	E84DVB□5514S□1N2G	156
0.5	2.2	-	9.2	345	448	1.6	268.889	GST07-3M □□□063C42	E84DVB□5514S□1N2G	156
0.4	1.8	-	7.6	419	544	1.3	326.333	GST07-3M □□□063C42	E84DVB□5514S□1N2G	156
0.4	1.8	-	7.6	419	544	3.0	326.333	GST09-3M □□□063C42	E84DVB□5514S□1N2G	156
0.4	1.6	-	6.8	471	611	1.2	367.033	GST07-3M □□□063C42	E84DVB□5514S□1N2G	156
0.4	1.7	-	6.8	466	605	2.6	363.000	GST09-3M □□□063C42	E84DVB□5514S□1N2G	156
0.3	1.4	-	6.0	535	695	1.0	417.083	GST07-3M □□□063C42	E84DVB□5514S□1N2G	156
0.4	1.5	-	6.0	529	687	2.4	412.500	GST09-3M □□□063C42	E84DVB□5514S□1N2G	156





87 Hz: P_N = 0.66 kW

n_{22} / n_2 = 1 ... 17.4

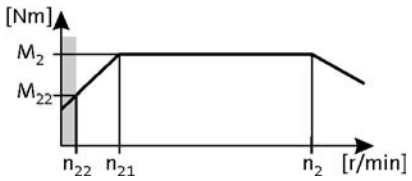
n_1 = 144.8 ... 2520 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
91	375	-	1575	3.0	4.0	3.3	1.600	GST04-1M □□□071C32	E84DVB□7514S□1N2G	144
71	293	-	1231	3.9	5.0	3.8	2.048	GST04-1M □□□071C32	E84DVB□7514S□1N2G	144
65	268	-	1125	4.3	6.0	3.3	2.240	GST05-1M □□□071C32	E84DVB□7514S□1N2G	144
56	231	-	970	4.9	6.0	2.4	2.597	GST03-2M □□□071C32	E84DVB□7514S□1N2G	150
51	210	-	882	5.4	7.0	3.0	2.857	GST04-1M □□□071C32	E84DVB□7514S□1N2G	144
49	203	-	853	5.5	7.0	3.3	2.956	GST04-2M □□□071C32	E84DVB□7514S□1N2G	150
42	176	-	738	6.4	8.0	2.0	3.413	GST03-2M □□□071C32	E84DVB□7514S□1N2G	150
41	171	-	720	6.7	9.0	2.4	3.500	GST04-1M □□□071C32	E84DVB□7514S□1N2G	144
36	148	-	622	7.6	10	3.3	4.053	GST04-2M □□□071C32	E84DVB□7514S□1N2G	150
33	137	-	577	8.2	11	1.7	4.368	GST03-2M □□□071C32	E84DVB□7514S□1N2G	150
33	136	-	573	8.4	11	1.9	4.400	GST04-1M □□□071C32	E84DVB□7514S□1N2G	144
28	116	-	486	9.7	13	3.3	5.187	GST04-2M □□□071C32	E84DVB□7514S□1N2G	150
27	113	-	474	9.9	13	1.7	5.312	GST03-2M □□□071C32	E84DVB□7514S□1N2G	150
26	106	-	445	11	14	1.5	5.667	GST04-1M □□□071C32	E84DVB□7514S□1N2G	144
26	106	-	445	11	14	2.7	5.667	GST05-1M □□□071C32	E84DVB□7514S□1N2G	144
24	101	-	422	11	15	1.7	5.965	GST03-2M □□□071C32	E84DVB□7514S□1N2G	150
23	94	-	394	12	16	3.0	6.400	GST04-2M □□□071C32	E84DVB□7514S□1N2G	150
21	86	-	361	13	17	1.5	6.982	GST03-2M □□□071C32	E84DVB□7514S□1N2G	150
20	84	-	351	14	18	1.2	7.182	GST04-1M □□□071C32	E84DVB□7514S□1N2G	144
20	82	-	344	14	18	2.2	7.333	GST05-1M □□□071C32	E84DVB□7514S□1N2G	144
20	82	-	344	14	18	2.7	7.333	GST06-1M □□□071C32	E84DVB□7514S□1N2G	144
19	77	-	321	15	19	1.4	7.840	GST03-2M □□□071C32	E84DVB□7514S□1N2G	150
18	75	-	315	15	19	2.5	8.000	GST04-2M □□□071C32	E84DVB□7514S□1N2G	150
16	67	-	283	17	22	1.6	8.900	GST05-1M □□□071C32	E84DVB□7514S□1N2G	144
16	67	-	283	17	22	2.3	8.900	GST06-1M □□□071C32	E84DVB□7514S□1N2G	144
16	67	-	282	17	22	1.3	8.935	GST03-2M □□□071C32	E84DVB□7514S□1N2G	150
16	67	-	280	17	22	0.9	9.000	GST04-1M □□□071C32	E84DVB□7514S□1N2G	144
16	67	-	280	17	22	2.4	9.010	GST04-2M □□□071C32	E84DVB□7514S□1N2G	150
15	61	-	256	19	24	2.3	9.856	GST04-2M □□□071C32	E84DVB□7514S□1N2G	150
14	60	-	251	19	24	1.2	10.033	GST03-2M □□□071C32	E84DVB□7514S□1N2G	150
13	54	-	225	21	27	1.9	11.200	GST04-2M □□□071C32	E84DVB□7514S□1N2G	150
13	53	-	224	21	28	1.9	11.250	GST06-1M □□□071C32	E84DVB□7514S□1N2G	144
13	53	-	222	22	28	0.9	11.375	GST05-1M □□□071C32	E84DVB□7514S□1N2G	144
13	53	-	221	21	28	1.1	11.429	GST03-2M □□□071C32	E84DVB□7514S□1N2G	150
12	48	-	201	24	31	1.9	12.571	GST04-2M □□□071C32	E84DVB□7514S□1N2G	150
11	47	-	196	24	31	1.0	12.833	GST03-2M □□□071C32	E84DVB□7514S□1N2G	150
10	42	-	176	27	35	1.5	14.286	GST04-2M □□□071C32	E84DVB□7514S□1N2G	150
10	42	-	176	27	35	2.7	14.356	GST05-2M □□□071C32	E84DVB□7514S□1N2G	150
9.8	40	-	170	28	36	0.9	14.836	GST03-2M □□□071C32	E84DVB□7514S□1N2G	150
9.4	39	-	164	29	37	1.8	15.400	GST04-2M □□□071C32	E84DVB□7514S□1N2G	150
9.0	37	-	156	30	39	3.0	16.190	GST05-2M □□□071C32	E84DVB□7514S□1N2G	150

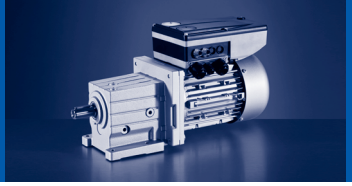
87 Hz: P_N = 0.66 kW

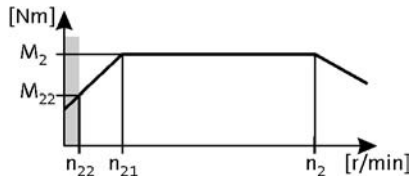
n_{22} / n_2 = 1 ... 17.4

n_1 = 144.8 ... 2520 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
8.7	36	-	151	31	41	1.0	16.660	GST03-2M □□□071C32	E84DVB□7514S□1N2G	150
8.3	34	-	144	33	43	1.4	17.500	GST04-2M □□□071C32	E84DVB□7514S□1N2G	150
7.6	32	-	133	36	46	0.9	19.013	GST03-2M □□□071C32	E84DVB□7514S□1N2G	150
7.5	31	-	130	36	47	1.4	19.360	GST04-2M □□□071C32	E84DVB□7514S□1N2G	150
6.8	28	-	118	40	52	0.8	21.350	GST03-2M □□□071C32	E84DVB□7514S□1N2G	150
6.6	27	-	115	41	54	1.1	22.000	GST04-2M □□□071C32	E84DVB□7514S□1N2G	150
6.4	26	-	111	43	55	2.5	22.778	GST05-2M □□□071C32	E84DVB□7514S□1N2G	150
5.8	24	-	101	47	61	1.1	24.933	GST04-2M □□□071C32	E84DVB□7514S□1N2G	150
5.8	24	-	101	47	61	2.6	24.933	GST05-2M □□□071C32	E84DVB□7514S□1N2G	150
5.1	21	-	89	53	69	0.9	28.333	GST04-2M □□□071C32	E84DVB□7514S□1N2G	150
5.1	21	-	89	53	69	2.0	28.333	GST05-2M □□□071C32	E84DVB□7514S□1N2G	150
4.6	19	-	80	59	77	0.9	31.600	GST04-2M □□□071C32	E84DVB□7514S□1N2G	150
4.5	19	-	78	60	78	2.0	32.267	GST05-2M □□□071C32	E84DVB□7514S□1N2G	150
4.5	19	-	78	60	78	3.0	32.267	GST06-2M □□□071C32	E84DVB□7514S□1N2G	150
4.0	17	-	70	67	87	1.5	36.267	GST05-3M □□□071C32	E84DVB□7514S□1N2G	156
4.0	16	-	69	69	89	1.6	36.667	GST05-2M □□□071C32	E84DVB□7514S□1N2G	150
4.0	16	-	69	69	89	3.0	36.667	GST06-2M □□□071C32	E84DVB□7514S□1N2G	150
3.7	15	-	64	73	95	1.7	39.160	GST05-2M □□□071C32	E84DVB□7514S□1N2G	150
3.7	15	-	64	73	95	2.7	39.160	GST06-2M □□□071C32	E84DVB□7514S□1N2G	150
3.3	14	-	57	83	108	1.4	44.500	GST05-2M □□□071C32	E84DVB□7514S□1N2G	150
3.3	14	-	57	83	108	2.8	44.500	GST06-2M □□□071C32	E84DVB□7514S□1N2G	150
3.3	14	-	57	81	105	3.2	44.000	GST06-3M □□□071C32	E84DVB□7514S□1N2G	156
3.1	13	-	55	85	111	1.3	46.259	GST05-3M □□□071C32	E84DVB□7514S□1N2G	156
2.9	12	-	51	93	120	2.2	49.500	GST06-2M □□□071C32	E84DVB□7514S□1N2G	150
2.9	12	-	50	94	122	1.1	50.050	GST05-2M □□□071C32	E84DVB□7514S□1N2G	150
2.8	12	-	49	94	122	2.7	51.022	GST06-3M □□□071C32	E84DVB□7514S□1N2G	156
2.7	11	-	47	99	129	2.7	53.900	GST06-3M □□□071C32	E84DVB□7514S□1N2G	156
2.6	11	-	45	105	136	1.1	56.667	GST05-3M □□□071C32	E84DVB□7514S□1N2G	156
2.6	11	-	45	105	137	2.2	56.250	GST06-2M □□□071C32	E84DVB□7514S□1N2G	150
2.6	11	-	44	107	138	1.1	56.875	GST05-2M □□□071C32	E84DVB□7514S□1N2G	150
2.3	9.5	-	40	117	152	1.0	63.467	GST05-3M □□□071C32	E84DVB□7514S□1N2G	156
2.1	8.9	-	37	125	162	2.3	67.760	GST06-3M □□□071C32	E84DVB□7514S□1N2G	156
2.1	8.6	-	36	129	168	2.1	70.156	GST06-3M □□□071C32	E84DVB□7514S□1N2G	156
2.0	8.4	-	35	131	171	1.0	71.238	GST05-3M □□□071C32	E84DVB□7514S□1N2G	156
1.8	7.4	-	31	149	194	1.7	80.952	GST06-3M □□□071C32	E84DVB□7514S□1N2G	156
1.7	6.9	-	29	161	209	1.8	87.267	GST06-3M □□□071C32	E84DVB□7514S□1N2G	156
1.5	6.1	-	25	183	238	1.4	99.167	GST06-3M □□□071C32	E84DVB□7514S□1N2G	156
1.3	5.5	-	23	202	263	1.4	109.707	GST06-3M □□□071C32	E84DVB□7514S□1N2G	156
1.3	5.4	-	23	206	268	2.6	111.915	GST07-3M □□□071C32	E84DVB□7514S□1N2G	156
1.2	4.8	-	20	230	299	1.1	124.667	GST06-3M □□□071C32	E84DVB□7514S□1N2G	156
1.1	4.7	-	20	235	305	2.3	127.176	GST07-3M □□□071C32	E84DVB□7514S□1N2G	156





87 Hz: P_N = 0.66 kW

n_{22} / n_2 = 1 ... 17.4

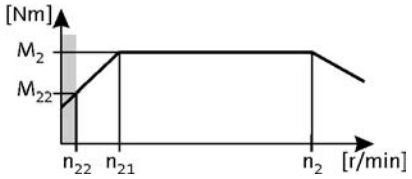
n_1 = 144.8 ... 2520 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
1.0	4.3	-	18	261	338	1.1	141.289	GST06-3M □□□071C32	E84DVB□7514S□1N2G	156
1.0	4.3	-	18	257	333	2.1	139.211	GST07-3M □□□071C32	E84DVB□7514S□1N2G	156
0.9	3.7	-	16	296	385	0.9	160.556	GST06-3M □□□071C32	E84DVB□7514S□1N2G	156
0.9	3.8	-	16	292	379	1.9	158.194	GST07-3M □□□071C32	E84DVB□7514S□1N2G	156
0.8	3.4	-	14	330	429	0.9	179.067	GST06-3M □□□071C32	E84DVB□7514S□1N2G	156
0.8	3.3	-	14	332	431	1.6	180.156	GST07-3M □□□071C32	E84DVB□7514S□1N2G	156
0.8	3.3	-	14	337	438	3.2	182.844	GST09-3M □□□071C32	E84DVB□7514S□1N2G	156
0.7	2.9	-	12	378	490	1.5	204.722	GST07-3M □□□071C32	E84DVB□7514S□1N2G	156
0.7	2.9	-	12	383	498	3.2	207.778	GST09-3M □□□071C32	E84DVB□7514S□1N2G	156
0.6	2.5	-	11	436	567	1.3	236.622	GST07-3M □□□071C32	E84DVB□7514S□1N2G	156
0.6	2.5	-	11	436	567	2.9	236.622	GST09-3M □□□071C32	E84DVB□7514S□1N2G	156
0.6	2.4	-	10	458	595	1.2	248.458	GST07-3M □□□071C32	E84DVB□7514S□1N2G	156
0.6	2.4	-	10	465	604	2.7	252.167	GST09-3M □□□071C32	E84DVB□7514S□1N2G	156
0.5	2.2	-	9.4	496	644	1.1	268.889	GST07-3M □□□071C32	E84DVB□7514S□1N2G	156
0.5	2.2	-	9.4	496	644	2.5	268.889	GST09-3M □□□071C32	E84DVB□7514S□1N2G	156
0.4	1.8	-	7.7	602	782	0.9	326.333	GST07-3M □□□071C32	E84DVB□7514S□1N2G	156
0.4	1.8	-	7.7	602	782	2.1	326.333	GST09-3M □□□071C32	E84DVB□7514S□1N2G	156
0.4	1.6	-	6.9	677	879	0.8	367.033	GST07-3M □□□071C32	E84DVB□7514S□1N2G	156
0.4	1.7	-	6.9	669	869	1.9	363.000	GST09-3M □□□071C32	E84DVB□7514S□1N2G	156
0.4	1.5	-	6.1	761	988	1.6	412.500	GST09-3M □□□071C32	E84DVB□7514S□1N2G	156

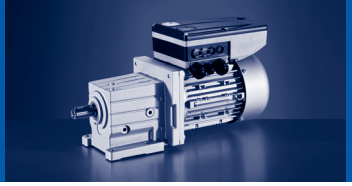
87 Hz: P_N = 1.00 kW

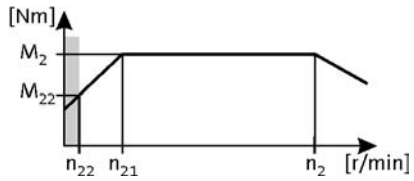
n_{22} / n_2 = 1 ... 17.4

n_1 = 144.5 ... 2515 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
90	375	-	1572	4.5	6.0	2.7	1.600	GST04-1M □□□071C42	E84DVB□1124S□1N2G	144
71	293	-	1228	5.8	8.0	2.6	2.048	GST04-1M □□□071C42	E84DVB□1124S□1N2G	144
65	268	-	1123	6.4	8.0	2.5	2.240	GST04-1M □□□071C42	E84DVB□1124S□1N2G	144
56	231	-	968	7.3	9.0	1.6	2.597	GST03-2M □□□071C42	E84DVB□1124S□1N2G	150
51	210	-	880	8.1	11	2.0	2.857	GST04-1M □□□071C42	E84DVB□1124S□1N2G	144
49	203	-	851	8.3	11	3.1	2.956	GST04-2M □□□071C42	E84DVB□1124S□1N2G	150
42	176	-	737	9.5	12	1.3	3.413	GST03-2M □□□071C42	E84DVB□1124S□1N2G	150
41	171	-	719	9.9	13	1.6	3.500	GST04-1M □□□071C42	E84DVB□1124S□1N2G	144
36	148	-	621	11	15	2.6	4.053	GST04-2M □□□071C42	E84DVB□1124S□1N2G	150
33	137	-	576	12	16	1.1	4.368	GST03-2M □□□071C42	E84DVB□1124S□1N2G	150
33	136	-	572	13	16	1.3	4.400	GST04-1M □□□071C42	E84DVB□1124S□1N2G	144
32	132	-	552	13	17	2.7	4.556	GST05-1M □□□071C42	E84DVB□1124S□1N2G	144
32	131	-	550	13	17	2.4	4.571	GST04-2M □□□071C42	E84DVB□1124S□1N2G	150
28	116	-	485	15	19	2.2	5.187	GST04-2M □□□071C42	E84DVB□1124S□1N2G	150
27	113	-	473	15	19	1.2	5.312	GST03-2M □□□071C42	E84DVB□1124S□1N2G	150
26	106	-	444	16	21	1.0	5.667	GST04-1M □□□071C42	E84DVB□1124S□1N2G	144
26	106	-	444	16	21	2.2	5.667	GST05-1M □□□071C42	E84DVB□1124S□1N2G	144
26	106	-	444	16	21	2.7	5.667	GST06-1M □□□071C42	E84DVB□1124S□1N2G	144
25	103	-	430	16	21	2.1	5.850	GST04-2M □□□071C42	E84DVB□1124S□1N2G	150
24	101	-	422	17	22	1.1	5.965	GST03-2M □□□071C42	E84DVB□1124S□1N2G	150
23	94	-	393	18	23	2.0	6.400	GST04-2M □□□071C42	E84DVB□1124S□1N2G	150
21	86	-	360	20	25	1.0	6.982	GST03-2M □□□071C42	E84DVB□1124S□1N2G	150
21	85	-	357	20	26	1.9	7.040	GST04-2M □□□071C42	E84DVB□1124S□1N2G	150
20	82	-	343	21	27	1.5	7.333	GST05-1M □□□071C42	E84DVB□1124S□1N2G	144
20	82	-	343	21	27	2.4	7.333	GST06-1M □□□071C42	E84DVB□1124S□1N2G	144
18	77	-	321	22	28	0.9	7.840	GST03-2M □□□071C42	E84DVB□1124S□1N2G	150
18	75	-	314	22	29	1.7	8.000	GST04-2M □□□071C42	E84DVB□1124S□1N2G	150
16	67	-	283	25	33	1.1	8.900	GST05-1M □□□071C42	E84DVB□1124S□1N2G	144
16	67	-	283	25	33	2.0	8.900	GST06-1M □□□071C42	E84DVB□1124S□1N2G	144
16	67	-	282	25	32	0.9	8.935	GST03-2M □□□071C42	E84DVB□1124S□1N2G	150
16	67	-	279	25	33	1.6	9.010	GST04-2M □□□071C42	E84DVB□1124S□1N2G	150
15	61	-	255	28	36	1.5	9.856	GST04-2M □□□071C42	E84DVB□1124S□1N2G	150
13	54	-	225	31	41	1.2	11.200	GST04-2M □□□071C42	E84DVB□1124S□1N2G	150
13	54	-	225	31	41	2.6	11.200	GST05-2M □□□071C42	E84DVB□1124S□1N2G	150
13	53	-	224	32	41	1.2	11.250	GST06-1M □□□071C42	E84DVB□1124S□1N2G	144
12	48	-	200	35	46	1.3	12.571	GST04-2M □□□071C42	E84DVB□1124S□1N2G	150
11	46	-	193	36	47	2.5	13.016	GST05-2M □□□071C42	E84DVB□1124S□1N2G	150
10	42	-	176	40	52	1.0	14.286	GST04-2M □□□071C42	E84DVB□1124S□1N2G	150
10	42	-	175	40	52	2.3	14.356	GST05-2M □□□071C42	E84DVB□1124S□1N2G	150
9.4	39	-	163	43	56	1.2	15.400	GST04-2M □□□071C42	E84DVB□1124S□1N2G	150
8.9	37	-	155	45	59	2.4	16.190	GST05-2M □□□071C42	E84DVB□1124S□1N2G	150





87 Hz: P_N = 1.00 kW

n_{22} / n_2 = 1 ... 17.4

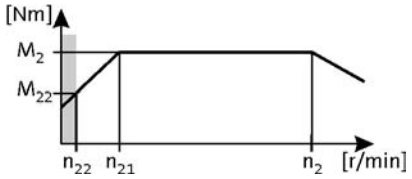
n_1 = 144.5 ... 2515 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
8.3	34	-	144	49	64	0.9	17.500	GST04-2M □□□071C42	E84DVB□1124S□1N2G	150
8.3	34	-	144	49	64	2.1	17.500	GST05-2M □□□071C42	E84DVB□1124S□1N2G	150
7.5	31	-	130	54	70	1.0	19.360	GST04-2M □□□071C42	E84DVB□1124S□1N2G	150
7.2	30	-	126	56	73	2.1	20.044	GST05-2M □□□071C42	E84DVB□1124S□1N2G	150
6.4	26	-	110	64	83	1.7	22.778	GST05-2M □□□071C42	E84DVB□1124S□1N2G	150
5.8	24	-	101	70	90	1.7	24.933	GST05-2M □□□071C42	E84DVB□1124S□1N2G	150
5.8	24	-	101	70	90	3.0	24.933	GST06-2M □□□071C42	E84DVB□1124S□1N2G	150
5.1	21	-	89	79	103	1.4	28.333	GST05-2M □□□071C42	E84DVB□1124S□1N2G	150
5.1	21	-	89	79	103	3.0	28.333	GST06-2M □□□071C42	E84DVB□1124S□1N2G	150
4.5	19	-	78	90	117	1.3	32.267	GST05-2M □□□071C42	E84DVB□1124S□1N2G	150
4.5	19	-	78	90	117	2.8	32.267	GST06-2M □□□071C42	E84DVB□1124S□1N2G	150
4.0	17	-	69	100	130	1.0	36.267	GST05-3M □□□071C42	E84DVB□1124S□1N2G	156
3.9	16	-	69	102	133	1.1	36.667	GST05-2M □□□071C42	E84DVB□1124S□1N2G	150
3.9	16	-	69	102	133	2.3	36.667	GST06-2M □□□071C42	E84DVB□1124S□1N2G	150
3.7	15	-	64	109	142	1.1	39.160	GST05-2M □□□071C42	E84DVB□1124S□1N2G	150
3.7	15	-	64	108	140	2.2	39.200	GST06-3M □□□071C42	E84DVB□1124S□1N2G	156
3.7	15	-	64	109	142	2.3	39.160	GST06-2M □□□071C42	E84DVB□1124S□1N2G	150
3.3	14	-	57	124	161	0.9	44.500	GST05-2M □□□071C42	E84DVB□1124S□1N2G	150
3.3	14	-	57	124	161	2.0	44.500	GST06-2M □□□071C42	E84DVB□1124S□1N2G	150
3.3	14	-	57	121	157	2.1	44.000	GST06-3M □□□071C42	E84DVB□1124S□1N2G	156
3.1	13	-	54	127	165	0.9	46.259	GST05-3M □□□071C42	E84DVB□1124S□1N2G	156
2.9	12	-	51	138	180	1.4	49.500	GST06-2M □□□071C42	E84DVB□1124S□1N2G	150
2.8	12	-	49	140	182	1.8	51.022	GST06-3M □□□071C42	E84DVB□1124S□1N2G	156
2.7	11	-	47	148	193	1.8	53.900	GST06-3M □□□071C42	E84DVB□1124S□1N2G	156
2.6	11	-	45	157	204	1.4	56.250	GST06-2M □□□071C42	E84DVB□1124S□1N2G	150
2.2	9.2	-	39	179	233	3.0	65.079	GST07-3M □□□071C42	E84DVB□1124S□1N2G	156
2.1	8.9	-	37	186	242	1.5	67.760	GST06-3M □□□071C42	E84DVB□1124S□1N2G	156
2.1	8.6	-	36	193	251	1.4	70.156	GST06-3M □□□071C42	E84DVB□1124S□1N2G	156
2.1	8.6	-	36	193	251	2.8	70.156	GST07-3M □□□071C42	E84DVB□1124S□1N2G	156
1.8	7.5	-	32	219	285	2.5	79.762	GST07-3M □□□071C42	E84DVB□1124S□1N2G	156
1.8	7.4	-	31	223	289	1.2	80.952	GST06-3M □□□071C42	E84DVB□1124S□1N2G	156
1.7	6.9	-	29	240	312	1.2	87.267	GST06-3M □□□071C42	E84DVB□1124S□1N2G	156
1.7	7.0	-	29	237	307	2.3	85.983	GST07-3M □□□071C42	E84DVB□1124S□1N2G	156
1.5	6.1	-	26	269	349	2.0	97.708	GST07-3M □□□071C42	E84DVB□1124S□1N2G	156
1.5	6.1	-	25	273	354	1.0	99.167	GST06-3M □□□071C42	E84DVB□1124S□1N2G	156
1.3	5.5	-	23	302	392	1.0	109.707	GST06-3M □□□071C42	E84DVB□1124S□1N2G	156
1.3	5.4	-	23	308	400	1.8	111.915	GST07-3M □□□071C42	E84DVB□1124S□1N2G	156
1.1	4.7	-	20	350	454	1.6	127.176	GST07-3M □□□071C42	E84DVB□1124S□1N2G	156
1.0	4.3	-	18	383	497	1.4	139.211	GST07-3M □□□071C42	E84DVB□1124S□1N2G	156
1.0	4.3	-	18	389	505	3.2	141.289	GST09-3M □□□071C42	E84DVB□1124S□1N2G	156
0.9	3.8	-	16	435	565	1.3	158.194	GST07-3M □□□071C42	E84DVB□1124S□1N2G	156

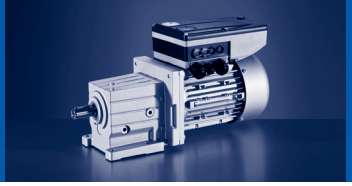
87 Hz: P_N = 1.00 kW

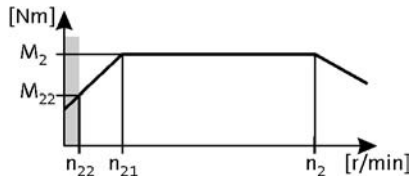
n_{22} / n_2 = 1 ... 17.4

n_1 = 144.5 ... 2515 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
0.9	3.7	-	16	442	574	2.8	160.556	GST09-3M □□□071C42	E84DVB□1124S□1N2G	156
0.8	3.3	-	14	496	644	1.1	180.156	GST07-3M □□□071C42	E84DVB□1124S□1N2G	156
0.8	3.3	-	14	503	653	2.5	182.844	GST09-3M □□□071C42	E84DVB□1124S□1N2G	156
0.7	2.9	-	12	563	731	1.0	204.722	GST07-3M □□□071C42	E84DVB□1124S□1N2G	156
0.7	2.9	-	12	572	742	2.2	207.778	GST09-3M □□□071C42	E84DVB□1124S□1N2G	156
0.6	2.5	-	11	651	845	0.8	236.622	GST07-3M □□□071C42	E84DVB□1124S□1N2G	156
0.6	2.5	-	11	651	845	1.9	236.622	GST09-3M □□□071C42	E84DVB□1124S□1N2G	156
0.6	2.4	-	10	694	901	1.8	252.167	GST09-3M □□□071C42	E84DVB□1124S□1N2G	156
0.5	2.2	-	9.4	740	961	1.7	268.889	GST09-3M □□□071C42	E84DVB□1124S□1N2G	156
0.4	1.8	-	7.7	898	1166	1.4	326.333	GST09-3M □□□071C42	E84DVB□1124S□1N2G	156
0.4	1.7	-	6.9	999	1297	1.2	363.000	GST09-3M □□□071C42	E84DVB□1124S□1N2G	156
0.4	1.5	-	6.1	1135	1474	1.1	412.500	GST09-3M □□□071C42	E84DVB□1124S□1N2G	156





87 Hz: P_N = 1.35 kW

n_{22} / n_2 = 1 ... 17.4

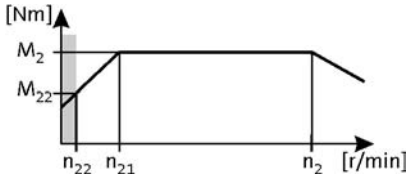
n_1 = 144.8 ... 2520 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
91	375	-	1575	6.2	8.0	2.0	1.600	GST04-1M □□□080C32	E84DVB□1524S□1N2G	144
71	293	-	1231	7.9	10	1.9	2.048	GST04-1M □□□080C32	E84DVB□1524S□1N2G	144
65	268	-	1125	8.7	11	1.9	2.240	GST04-1M □□□080C32	E84DVB□1524S□1N2G	144
51	210	-	882	11	14	1.5	2.857	GST04-1M □□□080C32	E84DVB□1524S□1N2G	144
49	203	-	853	11	15	2.3	2.956	GST04-2M □□□080C32	E84DVB□1524S□1N2G	150
43	180	-	756	13	16	2.1	3.333	GST04-2M □□□080C32	E84DVB□1524S□1N2G	150
41	171	-	720	14	18	1.2	3.500	GST04-1M □□□080C32	E84DVB□1524S□1N2G	144
41	171	-	720	14	18	2.6	3.500	GST05-1M □□□080C32	E84DVB□1524S□1N2G	144
36	148	-	622	15	20	1.9	4.053	GST04-2M □□□080C32	E84DVB□1524S□1N2G	150
33	136	-	573	17	22	1.0	4.400	GST04-1M □□□080C32	E84DVB□1524S□1N2G	144
32	132	-	553	18	23	2.0	4.556	GST05-1M □□□080C32	E84DVB□1524S□1N2G	144
32	131	-	551	17	23	1.8	4.571	GST04-2M □□□080C32	E84DVB□1524S□1N2G	150
28	116	-	486	20	26	1.7	5.187	GST04-2M □□□080C32	E84DVB□1524S□1N2G	150
26	106	-	445	22	28	1.6	5.667	GST05-1M □□□080C32	E84DVB□1524S□1N2G	144
26	106	-	445	22	28	2.4	5.667	GST06-1M □□□080C32	E84DVB□1524S□1N2G	144
25	103	-	431	22	29	1.6	5.850	GST04-2M □□□080C32	E84DVB□1524S□1N2G	150
23	94	-	394	24	32	1.5	6.400	GST04-2M □□□080C32	E84DVB□1524S□1N2G	150
21	85	-	358	27	35	1.4	7.040	GST04-2M □□□080C32	E84DVB□1524S□1N2G	150
20	83	-	348	28	36	2.6	7.238	GST05-2M □□□080C32	E84DVB□1524S□1N2G	150
20	82	-	344	28	37	1.1	7.333	GST05-1M □□□080C32	E84DVB□1524S□1N2G	144
20	82	-	344	28	37	2.2	7.333	GST06-1M □□□080C32	E84DVB□1524S□1N2G	144
20	82	-	344	28	37	2.4	7.333	GST07-1M □□□080C32	E84DVB□1524S□1N2G	144
18	75	-	315	31	39	1.3	8.000	GST04-2M □□□080C32	E84DVB□1524S□1N2G	150
18	74	-	309	31	40	2.4	8.163	GST05-2M □□□080C32	E84DVB□1524S□1N2G	150
16	67	-	283	34	45	1.6	8.900	GST06-1M □□□080C32	E84DVB□1524S□1N2G	144
16	67	-	283	34	45	2.1	8.900	GST07-1M □□□080C32	E84DVB□1524S□1N2G	144
16	67	-	280	34	44	1.2	9.010	GST04-2M □□□080C32	E84DVB□1524S□1N2G	150
16	67	-	280	34	44	2.3	9.010	GST05-2M □□□080C32	E84DVB□1524S□1N2G	150
15	61	-	256	38	49	1.1	9.856	GST04-2M □□□080C32	E84DVB□1524S□1N2G	150
15	60	-	252	38	49	2.1	10.000	GST05-2M □□□080C32	E84DVB□1524S□1N2G	150
13	54	-	225	43	55	0.9	11.200	GST04-2M □□□080C32	E84DVB□1524S□1N2G	150
13	54	-	225	43	55	1.9	11.200	GST05-2M □□□080C32	E84DVB□1524S□1N2G	150
13	53	-	224	44	56	0.9	11.250	GST06-1M □□□080C32	E84DVB□1524S□1N2G	144
13	53	-	224	44	56	1.7	11.250	GST07-1M □□□080C32	E84DVB□1524S□1N2G	144
12	48	-	201	48	62	0.9	12.571	GST04-2M □□□080C32	E84DVB□1524S□1N2G	150
11	46	-	194	50	64	1.8	13.016	GST05-2M □□□080C32	E84DVB□1524S□1N2G	150
10	42	-	176	55	71	1.7	14.356	GST05-2M □□□080C32	E84DVB□1524S□1N2G	150
9.4	39	-	164	59	76	0.9	15.400	GST04-2M □□□080C32	E84DVB□1524S□1N2G	150
9.0	37	-	156	62	80	1.8	16.190	GST05-2M □□□080C32	E84DVB□1524S□1N2G	150
8.3	34	-	144	67	86	1.6	17.500	GST05-2M □□□080C32	E84DVB□1524S□1N2G	150
7.2	30	-	126	76	99	1.5	20.044	GST05-2M □□□080C32	E84DVB□1524S□1N2G	150

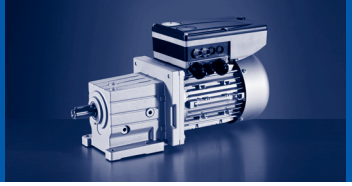
87 Hz: P_N = 1.35 kW

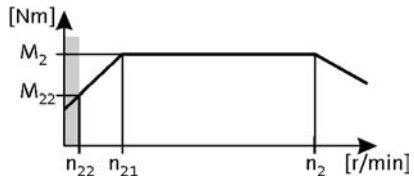
n_{22} / n_2 = 1 ... 17.4

n_1 = 144.8 ... 2520 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
6.4	26	-	111	87	112	1.2	22.778	GST05-2M □□□080C32	E84DVB□1524S□1N2G	150
6.4	26	-	111	87	112	2.7	22.778	GST06-2M □□□080C32	E84DVB□1524S□1N2G	150
5.8	24	-	101	95	123	1.3	24.933	GST05-2M □□□080C32	E84DVB□1524S□1N2G	150
5.8	24	-	101	95	123	2.8	24.933	GST06-2M □□□080C32	E84DVB□1524S□1N2G	150
5.1	21	-	89	108	140	1.0	28.333	GST05-2M □□□080C32	E84DVB□1524S□1N2G	150
5.1	21	-	89	108	140	2.2	28.333	GST06-2M □□□080C32	E84DVB□1524S□1N2G	150
4.5	19	-	78	123	159	1.0	32.267	GST05-2M □□□080C32	E84DVB□1524S□1N2G	150
4.5	19	-	78	123	159	2.2	32.267	GST06-2M □□□080C32	E84DVB□1524S□1N2G	150
4.5	19	-	78	123	159	2.8	32.267	GST07-2M □□□080C32	E84DVB□1524S□1N2G	150
4.0	16	-	69	140	181	1.7	36.667	GST06-2M □□□080C32	E84DVB□1524S□1N2G	150
4.0	16	-	69	140	181	2.8	36.667	GST07-2M □□□080C32	E84DVB□1524S□1N2G	150
3.7	15	-	64	149	193	0.8	39.160	GST05-2M □□□080C32	E84DVB□1524S□1N2G	150
3.7	15	-	64	147	190	1.6	39.200	GST06-3M □□□080C32	E84DVB□1524S□1N2G	156
3.7	15	-	64	149	193	1.8	39.160	GST06-2M □□□080C32	E84DVB□1524S□1N2G	150
3.7	15	-	64	149	193	2.4	39.160	GST07-2M □□□080C32	E84DVB□1524S□1N2G	150
3.3	14	-	57	170	219	1.5	44.500	GST06-2M □□□080C32	E84DVB□1524S□1N2G	150
3.3	14	-	57	165	214	1.6	44.000	GST06-3M □□□080C32	E84DVB□1524S□1N2G	156
3.3	14	-	57	170	219	2.5	44.500	GST07-2M □□□080C32	E84DVB□1524S□1N2G	150
2.9	12	-	51	189	244	1.1	49.500	GST06-2M □□□080C32	E84DVB□1524S□1N2G	150
2.9	12	-	51	189	244	2.0	49.500	GST07-2M □□□080C32	E84DVB□1524S□1N2G	150
2.8	12	-	49	192	248	1.3	51.022	GST06-3M □□□080C32	E84DVB□1524S□1N2G	156
2.8	12	-	49	192	248	2.8	51.022	GST07-3M □□□080C32	E84DVB□1524S□1N2G	156
2.7	11	-	47	202	262	1.3	53.900	GST06-3M □□□080C32	E84DVB□1524S□1N2G	156
2.7	11	-	47	202	262	2.7	53.900	GST07-3M □□□080C32	E84DVB□1524S□1N2G	156
2.6	11	-	45	214	277	1.1	56.250	GST06-2M □□□080C32	E84DVB□1524S□1N2G	150
2.6	11	-	45	214	277	2.0	56.250	GST07-2M □□□080C32	E84DVB□1524S□1N2G	150
2.2	9.2	-	39	244	316	2.2	65.079	GST07-3M □□□080C32	E84DVB□1524S□1N2G	156
2.1	8.9	-	37	254	329	1.1	67.760	GST06-3M □□□080C32	E84DVB□1524S□1N2G	156
2.1	8.6	-	36	263	341	1.1	70.156	GST06-3M □□□080C32	E84DVB□1524S□1N2G	156
2.1	8.6	-	36	263	341	2.1	70.156	GST07-3M □□□080C32	E84DVB□1524S□1N2G	156
1.8	7.5	-	32	299	387	1.8	79.762	GST07-3M □□□080C32	E84DVB□1524S□1N2G	156
1.8	7.4	-	31	304	393	0.9	80.952	GST06-3M □□□080C32	E84DVB□1524S□1N2G	156
1.7	6.9	-	29	328	424	0.9	87.267	GST06-3M □□□080C32	E84DVB□1524S□1N2G	156
1.7	7.0	-	29	323	417	1.7	85.983	GST07-3M □□□080C32	E84DVB□1524S□1N2G	156
1.5	6.1	-	26	367	474	1.5	97.708	GST07-3M □□□080C32	E84DVB□1524S□1N2G	156
1.3	5.4	-	23	420	543	1.3	111.915	GST07-3M □□□080C32	E84DVB□1524S□1N2G	156
1.3	5.3	-	22	426	551	2.9	113.585	GST09-3M □□□080C32	E84DVB□1524S□1N2G	156
1.1	4.7	-	20	477	617	1.2	127.176	GST07-3M □□□080C32	E84DVB□1524S□1N2G	156
1.1	4.7	-	20	484	627	2.6	129.074	GST09-3M □□□080C32	E84DVB□1524S□1N2G	156
1.0	4.3	-	18	522	676	1.0	139.211	GST07-3M □□□080C32	E84DVB□1524S□1N2G	156
1.0	4.3	-	18	530	686	2.4	141.289	GST09-3M □□□080C32	E84DVB□1524S□1N2G	156





87 Hz: P_N = 1.35 kW

n_{22} / n_2 = 1 ... 17.4

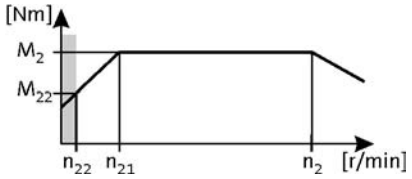
n_1 = 144.8 ... 2520 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
0.9	3.8	-	16	594	768	0.9	158.194	GST07-3M □□□080C32	E84DVB□1524S□1N2G	156
0.9	3.7	-	16	603	779	2.1	160.556	GST09-3M □□□080C32	E84DVB□1524S□1N2G	156
0.8	3.3	-	14	676	875	0.8	180.156	GST07-3M □□□080C32	E84DVB□1524S□1N2G	156
0.8	3.3	-	14	686	888	1.8	182.844	GST09-3M □□□080C32	E84DVB□1524S□1N2G	156
0.7	2.9	-	12	780	1009	1.6	207.778	GST09-3M □□□080C32	E84DVB□1524S□1N2G	156
0.7	2.9	-	12	780	1009	2.8	207.778	GST11-3M □□□080C32	E84DVB□1524S□1N2G	156
0.6	2.5	-	11	888	1149	1.4	236.622	GST09-3M □□□080C32	E84DVB□1524S□1N2G	156
0.6	2.5	-	11	888	1149	2.4	236.622	GST11-3M □□□080C32	E84DVB□1524S□1N2G	156
0.6	2.4	-	10	946	1224	1.3	252.167	GST09-3M □□□080C32	E84DVB□1524S□1N2G	156
0.6	2.4	-	10	946	1224	2.3	252.167	GST11-3M □□□080C32	E84DVB□1524S□1N2G	156
0.5	2.2	-	9.4	1009	1305	1.2	268.889	GST09-3M □□□080C32	E84DVB□1524S□1N2G	156
0.5	2.2	-	9.4	1009	1305	2.2	268.889	GST11-3M □□□080C32	E84DVB□1524S□1N2G	156
0.4	1.8	-	7.7	1225	1584	1.0	326.333	GST09-3M □□□080C32	E84DVB□1524S□1N2G	156
0.4	1.8	-	7.7	1225	1584	1.8	326.333	GST11-3M □□□080C32	E84DVB□1524S□1N2G	156
0.4	1.7	-	6.9	1362	1762	0.9	363.000	GST09-3M □□□080C32	E84DVB□1524S□1N2G	156
0.4	1.7	-	6.9	1362	1762	1.5	363.000	GST11-3M □□□080C32	E84DVB□1524S□1N2G	156
0.4	1.5	-	6.1	1548	2002	0.8	412.500	GST09-3M □□□080C32	E84DVB□1524S□1N2G	156
0.4	1.5	-	6.1	1548	2002	1.4	412.500	GST11-3M □□□080C32	E84DVB□1524S□1N2G	156

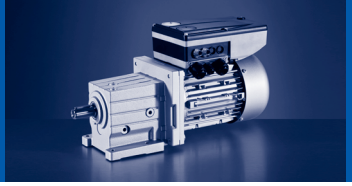
87 Hz: P_N = 2.00 kW

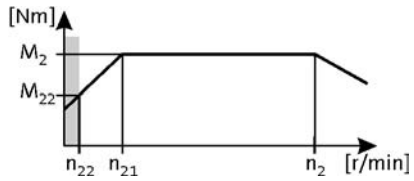
n_{22} / n_2 = 1 ... 17.4

n_1 = 143.7 ... 2500 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
49	305	-	846	13	22	1.5	2.956	GST04-2M □□□080C42	E84DVB□2224S□1N2G	150
49	305	-	846	13	22	2.5	2.956	GST05-2M □□□080C42	E84DVB□2224S□1N2G	150
43	270	-	750	14	24	1.4	3.333	GST04-2M □□□080C42	E84DVB□2224S□1N2G	150
43	270	-	750	14	24	2.7	3.333	GST05-2M □□□080C42	E84DVB□2224S□1N2G	150
35	222	-	617	17	30	1.3	4.053	GST04-2M □□□080C42	E84DVB□2224S□1N2G	150
35	222	-	617	17	30	2.3	4.053	GST05-2M □□□080C42	E84DVB□2224S□1N2G	150
31	197	-	547	19	34	1.2	4.571	GST04-2M □□□080C42	E84DVB□2224S□1N2G	150
31	197	-	547	19	34	2.3	4.571	GST05-2M □□□080C42	E84DVB□2224S□1N2G	150
28	174	-	482	22	38	1.1	5.187	GST04-2M □□□080C42	E84DVB□2224S□1N2G	150
28	174	-	482	22	38	2.0	5.187	GST05-2M □□□080C42	E84DVB□2224S□1N2G	150
25	154	-	427	25	43	1.1	5.850	GST04-2M □□□080C42	E84DVB□2224S□1N2G	150
25	154	-	427	25	43	2.0	5.850	GST05-2M □□□080C42	E84DVB□2224S□1N2G	150
22	141	-	391	27	47	1.0	6.400	GST04-2M □□□080C42	E84DVB□2224S□1N2G	150
22	141	-	391	27	47	1.9	6.400	GST05-2M □□□080C42	E84DVB□2224S□1N2G	150
20	128	-	355	30	52	0.9	7.040	GST04-2M □□□080C42	E84DVB□2224S□1N2G	150
20	124	-	345	31	53	1.7	7.238	GST05-2M □□□080C42	E84DVB□2224S□1N2G	150
18	113	-	313	34	59	0.9	8.000	GST04-2M □□□080C42	E84DVB□2224S□1N2G	150
18	110	-	306	35	60	1.6	8.163	GST05-2M □□□080C42	E84DVB□2224S□1N2G	150
16	100	-	278	38	66	1.5	9.010	GST05-2M □□□080C42	E84DVB□2224S□1N2G	150
14	90	-	250	42	73	1.4	10.000	GST05-2M □□□080C42	E84DVB□2224S□1N2G	150
13	80	-	223	48	82	1.3	11.200	GST05-2M □□□080C42	E84DVB□2224S□1N2G	150
11	72	-	199	53	92	2.7	12.571	GST06-2M □□□080C42	E84DVB□2224S□1N2G	150
11	69	-	192	55	95	1.2	13.016	GST05-2M □□□080C42	E84DVB□2224S□1N2G	150
10	63	-	175	61	105	2.5	14.286	GST06-2M □□□080C42	E84DVB□2224S□1N2G	150
10	63	-	174	61	105	1.1	14.356	GST05-2M □□□080C42	E84DVB□2224S□1N2G	150
9.3	58	-	162	65	113	2.7	15.400	GST06-2M □□□080C42	E84DVB□2224S□1N2G	150
8.9	56	-	154	69	119	1.2	16.190	GST05-2M □□□080C42	E84DVB□2224S□1N2G	150
8.2	51	-	143	74	128	1.1	17.500	GST05-2M □□□080C42	E84DVB□2224S□1N2G	150
8.2	51	-	143	74	128	2.3	17.500	GST06-2M □□□080C42	E84DVB□2224S□1N2G	150
7.2	45	-	125	85	147	1.0	20.044	GST05-2M □□□080C42	E84DVB□2224S□1N2G	150
7.2	45	-	125	85	147	2.3	20.044	GST06-2M □□□080C42	E84DVB□2224S□1N2G	150
6.3	40	-	110	97	167	0.8	22.778	GST05-2M □□□080C42	E84DVB□2224S□1N2G	150
6.3	40	-	110	97	167	1.8	22.778	GST06-2M □□□080C42	E84DVB□2224S□1N2G	150
5.9	37	-	102	104	180	3.0	24.567	GST07-2M □□□080C42	E84DVB□2224S□1N2G	150
5.8	36	-	100	106	183	0.9	24.933	GST05-2M □□□080C42	E84DVB□2224S□1N2G	150
5.8	36	-	100	106	183	1.9	24.933	GST06-2M □□□080C42	E84DVB□2224S□1N2G	150
5.2	32	-	90	118	205	3.0	27.917	GST07-2M □□□080C42	E84DVB□2224S□1N2G	150
5.1	32	-	88	120	208	1.5	28.333	GST06-2M □□□080C42	E84DVB□2224S□1N2G	150
4.5	28	-	78	137	237	1.5	32.267	GST06-2M □□□080C42	E84DVB□2224S□1N2G	150
4.5	28	-	78	137	237	2.8	32.267	GST07-2M □□□080C42	E84DVB□2224S□1N2G	150
3.9	25	-	68	156	269	1.2	36.667	GST06-2M □□□080C42	E84DVB□2224S□1N2G	150





87 Hz: P_N = 2.00 kW

n_{22} / n_2 = 1 ... 17.4

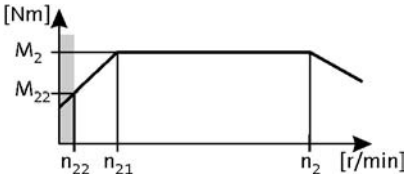
n_1 = 143.7 ... 2500 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
3.9	25	-	68	156	269	2.5	36.667	GST07-2M □□□080C42	E84DVB□2224S□1N2G	150
3.7	23	-	64	164	283	1.1	39.200	GST06-3M □□□080C42	E84DVB□2224S□1N2G	156
3.7	23	-	64	166	287	1.2	39.160	GST06-2M □□□080C42	E84DVB□2224S□1N2G	150
3.7	23	-	64	166	287	2.2	39.160	GST07-2M □□□080C42	E84DVB□2224S□1N2G	150
3.7	23	-	64	164	283	2.3	39.200	GST07-3M □□□080C42	E84DVB□2224S□1N2G	156
3.3	21	-	57	184	318	1.1	44.000	GST06-3M □□□080C42	E84DVB□2224S□1N2G	156
3.3	21	-	57	184	318	2.2	44.000	GST07-3M □□□080C42	E84DVB□2224S□1N2G	156
3.2	20	-	56	189	326	1.0	44.500	GST06-2M □□□080C42	E84DVB□2224S□1N2G	150
3.2	20	-	56	189	326	2.2	44.500	GST07-2M □□□080C42	E84DVB□2224S□1N2G	150
2.9	18	-	51	210	363	1.4	49.500	GST07-2M □□□080C42	E84DVB□2224S□1N2G	150
2.8	18	-	49	213	369	0.9	51.022	GST06-3M □□□080C42	E84DVB□2224S□1N2G	156
2.8	18	-	49	213	369	1.9	51.022	GST07-3M □□□080C42	E84DVB□2224S□1N2G	156
2.7	17	-	46	225	389	0.9	53.900	GST06-3M □□□080C42	E84DVB□2224S□1N2G	156
2.7	17	-	46	225	389	1.8	53.900	GST07-3M □□□080C42	E84DVB□2224S□1N2G	156
2.6	16	-	44	239	412	1.4	56.250	GST07-2M □□□080C42	E84DVB□2224S□1N2G	150
2.2	14	-	38	272	470	1.5	65.079	GST07-3M □□□080C42	E84DVB□2224S□1N2G	156
2.1	13	-	36	293	507	1.4	70.156	GST07-3M □□□080C42	E84DVB□2224S□1N2G	156
2.0	13	-	35	300	519	2.9	71.867	GST09-3M □□□080C42	E84DVB□2224S□1N2G	156
1.8	11	-	31	333	576	1.2	79.762	GST07-3M □□□080C42	E84DVB□2224S□1N2G	156
1.8	11	-	31	341	590	2.7	81.667	GST09-3M □□□080C42	E84DVB□2224S□1N2G	156
1.7	11	-	29	359	621	1.1	85.983	GST07-3M □□□080C42	E84DVB□2224S□1N2G	156
1.5	9.6	-	27	391	676	2.4	93.541	GST09-3M □□□080C42	E84DVB□2224S□1N2G	156
1.5	9.2	-	26	408	706	1.0	97.708	GST07-3M □□□080C42	E84DVB□2224S□1N2G	156
1.5	9.1	-	25	414	716	2.2	99.167	GST09-3M □□□080C42	E84DVB□2224S□1N2G	156
1.3	8.0	-	22	468	808	0.9	111.915	GST07-3M □□□080C42	E84DVB□2224S□1N2G	156
1.3	7.9	-	22	475	820	2.0	113.585	GST09-3M □□□080C42	E84DVB□2224S□1N2G	156
1.1	7.0	-	19	539	932	1.7	129.074	GST09-3M □□□080C42	E84DVB□2224S□1N2G	156
1.1	7.0	-	19	539	932	3.0	129.074	GST11-3M □□□080C42	E84DVB□2224S□1N2G	156
1.0	6.4	-	18	590	1020	1.6	141.289	GST09-3M □□□080C42	E84DVB□2224S□1N2G	156
1.0	6.1	-	17	614	1062	2.5	146.993	GST11-3M □□□080C42	E84DVB□2224S□1N2G	156
0.9	5.6	-	16	671	1160	1.4	160.556	GST09-3M □□□080C42	E84DVB□2224S□1N2G	156
0.9	5.7	-	16	661	1143	2.5	158.194	GST11-3M □□□080C42	E84DVB□2224S□1N2G	156
0.8	4.9	-	14	764	1321	1.2	182.844	GST09-3M □□□080C42	E84DVB□2224S□1N2G	156
0.8	5.0	-	14	753	1301	2.1	180.156	GST11-3M □□□080C42	E84DVB□2224S□1N2G	156
0.7	4.3	-	12	868	1501	1.1	207.778	GST09-3M □□□080C42	E84DVB□2224S□1N2G	156
0.7	4.3	-	12	868	1501	1.9	207.778	GST11-3M □□□080C42	E84DVB□2224S□1N2G	156
0.6	3.8	-	11	989	1709	0.9	236.622	GST09-3M □□□080C42	E84DVB□2224S□1N2G	156
0.6	3.8	-	11	989	1709	1.6	236.622	GST11-3M □□□080C42	E84DVB□2224S□1N2G	156
0.6	3.6	-	9.9	1054	1821	0.9	252.167	GST09-3M □□□080C42	E84DVB□2224S□1N2G	156
0.6	3.6	-	9.9	1054	1821	1.5	252.167	GST11-3M □□□080C42	E84DVB□2224S□1N2G	156
0.5	3.4	-	9.3	1124	1942	0.8	268.889	GST09-3M □□□080C42	E84DVB□2224S□1N2G	156

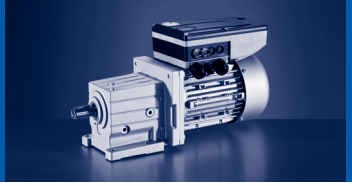
87 Hz: P_N = 2.00 kW

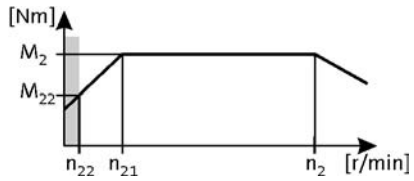
n_{22} / n_2 = 1 ... 17.4

n_1 = 143.7 ... 2500 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
0.5	3.4	-	9.3	1124	1942	1.5	268.889	GST11-3M □□□080C42	E84DVB□2224S□1N2G	156
0.4	2.8	-	7.7	1364	2357	1.2	326.333	GST11-3M □□□080C42	E84DVB□2224S□1N2G	156
0.4	2.5	-	6.9	1517	2622	1.0	363.000	GST11-3M □□□080C42	E84DVB□2224S□1N2G	156
0.4	2.2	-	6.1	1724	2979	1.0	412.500	GST11-3M □□□080C42	E84DVB□2224S□1N2G	156





87 Hz: P_N = 2.70 kW

n_{22} / n_2 = 1 ... 17.4

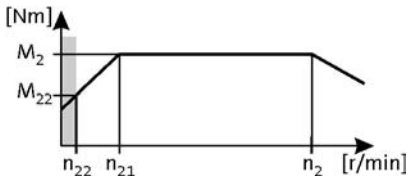
n_1 = 144.8 ... 2520 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
91	375	-	1566	11	16	1.0	1.600	GST04-1M □□□090C32	E84DVB□3024S□1N2G	144
91	375	-	1566	11	16	2.3	1.600	GST05-1M □□□090C32	E84DVB□3024S□1N2G	144
71	293	-	1223	15	21	0.9	2.048	GST04-1M □□□090C32	E84DVB□3024S□1N2G	144
71	293	-	1223	15	21	2.1	2.048	GST05-1M □□□090C32	E84DVB□3024S□1N2G	144
65	268	-	1118	16	23	0.9	2.240	GST04-1M □□□090C32	E84DVB□3024S□1N2G	144
65	268	-	1118	16	23	2.0	2.240	GST05-1M □□□090C32	E84DVB□3024S□1N2G	144
51	210	-	877	20	29	1.6	2.857	GST05-1M □□□090C32	E84DVB□3024S□1N2G	144
51	210	-	877	20	29	2.7	2.857	GST06-1M □□□090C32	E84DVB□3024S□1N2G	144
49	203	-	848	21	29	1.1	2.956	GST04-2M □□□090C32	E84DVB□3024S□1N2G	150
49	203	-	848	21	29	1.8	2.956	GST05-2M □□□090C32	E84DVB□3024S□1N2G	150
43	180	-	752	23	33	1.1	3.333	GST04-2M □□□090C32	E84DVB□3024S□1N2G	150
43	180	-	752	23	33	2.0	3.333	GST05-2M □□□090C32	E84DVB□3024S□1N2G	150
41	171	-	716	25	35	1.3	3.500	GST05-1M □□□090C32	E84DVB□3024S□1N2G	144
41	171	-	716	25	35	2.5	3.500	GST06-1M □□□090C32	E84DVB□3024S□1N2G	144
36	148	-	618	28	40	0.9	4.053	GST04-2M □□□090C32	E84DVB□3024S□1N2G	150
36	148	-	618	28	40	1.7	4.053	GST05-2M □□□090C32	E84DVB□3024S□1N2G	150
32	132	-	550	32	46	1.0	4.556	GST05-1M □□□090C32	E84DVB□3024S□1N2G	144
32	132	-	550	32	46	1.9	4.556	GST06-1M □□□090C32	E84DVB□3024S□1N2G	144
32	131	-	548	32	46	0.9	4.571	GST04-2M □□□090C32	E84DVB□3024S□1N2G	150
32	131	-	548	32	46	1.7	4.571	GST05-2M □□□090C32	E84DVB□3024S□1N2G	150
28	116	-	483	36	52	0.8	5.187	GST04-2M □□□090C32	E84DVB□3024S□1N2G	150
28	116	-	483	36	52	1.5	5.187	GST05-2M □□□090C32	E84DVB□3024S□1N2G	150
26	108	-	449	40	57	2.4	5.583	GST07-1M □□□090C32	E84DVB□3024S□1N2G	144
26	106	-	442	40	57	1.5	5.667	GST06-1M □□□090C32	E84DVB□3024S□1N2G	144
25	103	-	428	41	58	1.5	5.850	GST05-2M □□□090C32	E84DVB□3024S□1N2G	150
23	94	-	391	45	64	1.4	6.400	GST05-2M □□□090C32	E84DVB□3024S□1N2G	150
20	83	-	346	51	72	1.3	7.238	GST05-2M □□□090C32	E84DVB□3024S□1N2G	150
20	82	-	342	52	74	1.1	7.333	GST06-1M □□□090C32	E84DVB□3024S□1N2G	144
20	82	-	342	52	74	2.0	7.333	GST07-1M □□□090C32	E84DVB□3024S□1N2G	144
20	82	-	342	52	74	2.4	7.333	GST09-1M □□□090C32	E84DVB□3024S□1N2G	144
18	74	-	307	57	81	1.2	8.163	GST05-2M □□□090C32	E84DVB□3024S□1N2G	150
18	74	-	307	57	81	2.6	8.163	GST06-2M □□□090C32	E84DVB□3024S□1N2G	150
16	67	-	282	63	90	1.7	8.900	GST07-1M □□□090C32	E84DVB□3024S□1N2G	144
16	67	-	282	63	90	2.1	8.900	GST09-1M □□□090C32	E84DVB□3024S□1N2G	144
16	67	-	278	63	90	1.1	9.010	GST05-2M □□□090C32	E84DVB□3024S□1N2G	150
16	67	-	278	63	90	2.5	9.010	GST06-2M □□□090C32	E84DVB□3024S□1N2G	150
15	60	-	251	70	100	1.1	10.000	GST05-2M □□□090C32	E84DVB□3024S□1N2G	150
15	60	-	251	70	100	2.3	10.000	GST06-2M □□□090C32	E84DVB□3024S□1N2G	150
13	54	-	224	78	112	1.0	11.200	GST05-2M □□□090C32	E84DVB□3024S□1N2G	150
13	54	-	224	78	112	2.1	11.200	GST06-2M □□□090C32	E84DVB□3024S□1N2G	150
13	53	-	223	80	114	1.0	11.250	GST07-1M □□□090C32	E84DVB□3024S□1N2G	144

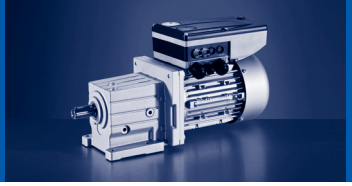
87 Hz: P_N = 2.70 kW

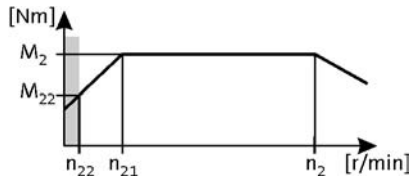
n_{22} / n_2 = 1 ... 17.4

n_1 = 144.8 ... 2520 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
13	53	-	223	80	114	1.6	11.250	GST09-1M □□□090C32	E84DVB□3024S□1N2G	144
12	48	-	199	88	125	2.0	12.571	GST06-2M □□□090C32	E84DVB□3024S□1N2G	150
11	46	-	193	91	130	0.9	13.016	GST05-2M □□□090C32	E84DVB□3024S□1N2G	150
10	42	-	175	100	143	0.8	14.356	GST05-2M □□□090C32	E84DVB□3024S□1N2G	150
10	42	-	175	100	142	1.8	14.286	GST06-2M □□□090C32	E84DVB□3024S□1N2G	150
9.4	39	-	163	108	153	2.0	15.400	GST06-2M □□□090C32	E84DVB□3024S□1N2G	150
9.0	37	-	155	113	161	0.9	16.190	GST05-2M □□□090C32	E84DVB□3024S□1N2G	150
8.3	34	-	143	122	174	1.7	17.500	GST06-2M □□□090C32	E84DVB□3024S□1N2G	150
7.2	30	-	125	140	200	1.7	20.044	GST06-2M □□□090C32	E84DVB□3024S□1N2G	150
6.4	26	-	110	159	227	1.3	22.778	GST06-2M □□□090C32	E84DVB□3024S□1N2G	150
6.4	26	-	110	159	227	2.9	22.778	GST07-2M □□□090C32	E84DVB□3024S□1N2G	150
5.9	24	-	102	172	245	2.7	24.567	GST07-2M □□□090C32	E84DVB□3024S□1N2G	150
5.8	24	-	101	174	248	1.4	24.933	GST06-2M □□□090C32	E84DVB□3024S□1N2G	150
5.2	22	-	90	195	278	2.4	27.917	GST07-2M □□□090C32	E84DVB□3024S□1N2G	150
5.1	21	-	88	198	282	1.1	28.333	GST06-2M □□□090C32	E84DVB□3024S□1N2G	150
4.5	19	-	78	226	322	1.1	32.267	GST06-2M □□□090C32	E84DVB□3024S□1N2G	150
4.5	19	-	78	226	322	2.1	32.267	GST07-2M □□□090C32	E84DVB□3024S□1N2G	150
4.5	19	-	78	226	322	2.7	32.267	GST09-2M □□□090C32	E84DVB□3024S□1N2G	150
4.0	16	-	68	257	365	0.8	36.667	GST06-2M □□□090C32	E84DVB□3024S□1N2G	150
4.0	16	-	68	257	365	1.8	36.667	GST07-2M □□□090C32	E84DVB□3024S□1N2G	150
4.0	16	-	68	257	365	2.7	36.667	GST09-2M □□□090C32	E84DVB□3024S□1N2G	150
3.7	15	-	64	274	390	0.9	39.160	GST06-2M □□□090C32	E84DVB□3024S□1N2G	150
3.7	15	-	64	270	385	1.7	39.200	GST07-3M □□□090C32	E84DVB□3024S□1N2G	156
3.7	15	-	64	274	390	1.7	39.160	GST07-2M □□□090C32	E84DVB□3024S□1N2G	150
3.7	15	-	64	274	390	2.4	39.160	GST09-2M □□□090C32	E84DVB□3024S□1N2G	150
3.4	14	-	58	298	425	3.0	43.267	GST09-3M □□□090C32	E84DVB□3024S□1N2G	156
3.3	14	-	57	303	432	1.6	44.000	GST07-3M □□□090C32	E84DVB□3024S□1N2G	156
3.3	14	-	56	311	443	1.6	44.500	GST07-2M □□□090C32	E84DVB□3024S□1N2G	150
3.3	14	-	56	311	443	2.5	44.500	GST09-2M □□□090C32	E84DVB□3024S□1N2G	150
2.9	12	-	51	346	493	1.2	49.500	GST07-2M □□□090C32	E84DVB□3024S□1N2G	150
2.9	12	-	51	346	493	1.9	49.500	GST09-2M □□□090C32	E84DVB□3024S□1N2G	150
3.0	12	-	51	339	483	3.0	49.167	GST09-3M □□□090C32	E84DVB□3024S□1N2G	156
2.8	12	-	49	352	501	1.4	51.022	GST07-3M □□□090C32	E84DVB□3024S□1N2G	156
2.7	11	-	47	371	529	1.3	53.900	GST07-3M □□□090C32	E84DVB□3024S□1N2G	156
2.7	11	-	47	366	521	2.7	53.044	GST09-3M □□□090C32	E84DVB□3024S□1N2G	156
2.6	11	-	45	394	560	1.2	56.250	GST07-2M □□□090C32	E84DVB□3024S□1N2G	150
2.6	11	-	45	394	560	1.9	56.250	GST09-2M □□□090C32	E84DVB□3024S□1N2G	150
2.4	10	-	42	415	592	2.7	60.278	GST09-3M □□□090C32	E84DVB□3024S□1N2G	156
2.2	9.2	-	39	448	639	1.1	65.079	GST07-3M □□□090C32	E84DVB□3024S□1N2G	156
2.1	8.6	-	36	483	688	1.0	70.156	GST07-3M □□□090C32	E84DVB□3024S□1N2G	156
2.0	8.4	-	35	495	705	2.1	71.867	GST09-3M □□□090C32	E84DVB□3024S□1N2G	156





87 Hz: P_N = 2.70 kW

n_{22} / n_2 = 1 ... 17.4

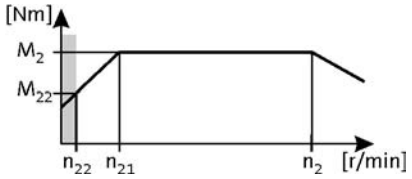
n_1 = 144.8 ... 2520 r/min

n_{22}	n_{21}		n_2	M_{22}	M_2	c	i			
[r/min]	[r/min]		[r/min]	[Nm]	[Nm]					
1.8	7.5	-	31	550	783	0.9	79.762	GST07-3M □□□090C32	E84DVB□3024S□1N2G	156
1.8	7.4	-	31	563	801	2.0	81.667	GST09-3M □□□090C32	E84DVB□3024S□1N2G	156
1.7	7.0	-	29	593	844	0.8	85.983	GST07-3M □□□090C32	E84DVB□3024S□1N2G	156
1.6	6.4	-	27	645	918	1.8	93.541	GST09-3M □□□090C32	E84DVB□3024S□1N2G	156
1.5	6.1	-	25	683	973	1.6	99.167	GST09-3M □□□090C32	E84DVB□3024S□1N2G	156
1.3	5.3	-	22	783	1115	1.5	113.585	GST09-3M □□□090C32	E84DVB□3024S□1N2G	156
1.1	4.7	-	19	889	1267	1.3	129.074	GST09-3M □□□090C32	E84DVB□3024S□1N2G	156
1.1	4.7	-	19	889	1267	2.2	129.074	GST11-3M □□□090C32	E84DVB□3024S□1N2G	156
1.0	4.3	-	18	974	1387	1.2	141.289	GST09-3M □□□090C32	E84DVB□3024S□1N2G	156
1.0	4.1	-	17	1013	1442	1.9	146.993	GST11-3M □□□090C32	E84DVB□3024S□1N2G	156
0.9	3.7	-	16	1106	1576	1.0	160.556	GST09-3M □□□090C32	E84DVB□3024S□1N2G	156
0.9	3.8	-	16	1090	1552	1.8	158.194	GST11-3M □□□090C32	E84DVB□3024S□1N2G	156
0.8	3.3	-	14	1260	1794	0.9	182.844	GST09-3M □□□090C32	E84DVB□3024S□1N2G	156
0.8	3.3	-	14	1241	1768	1.5	180.156	GST11-3M □□□090C32	E84DVB□3024S□1N2G	156
0.7	2.9	-	12	1432	2039	1.4	207.778	GST11-3M □□□090C32	E84DVB□3024S□1N2G	156
0.7	2.9	-	12	1411	2009	2.8	204.722	GST14-3M □□□090C32	E84DVB□3024S□1N2G	156
0.6	2.5	-	11	1630	2322	1.2	236.622	GST11-3M □□□090C32	E84DVB□3024S□1N2G	156
0.6	2.5	-	11	1630	2322	2.5	236.622	GST14-3M □□□090C32	E84DVB□3024S□1N2G	156
0.6	2.4	-	10	1712	2438	2.4	248.458	GST14-3M □□□090C32	E84DVB□3024S□1N2G	156
0.6	2.4	-	9.9	1738	2475	1.1	252.167	GST11-3M □□□090C32	E84DVB□3024S□1N2G	156
0.5	2.2	-	9.3	1853	2639	1.1	268.889	GST11-3M □□□090C32	E84DVB□3024S□1N2G	156
0.5	2.2	-	9.3	1853	2639	2.2	268.889	GST14-3M □□□090C32	E84DVB□3024S□1N2G	156
0.4	1.8	-	7.7	2249	3202	0.9	326.333	GST11-3M □□□090C32	E84DVB□3024S□1N2G	156
0.4	1.8	-	7.7	2249	3202	1.9	326.333	GST14-3M □□□090C32	E84DVB□3024S□1N2G	156
0.4	1.7	-	6.9	2501	3562	1.6	363.000	GST14-3M □□□090C32	E84DVB□3024S□1N2G	156
0.4	1.5	-	6.1	2842	4048	1.5	412.500	GST14-3M □□□090C32	E84DVB□3024S□1N2G	156

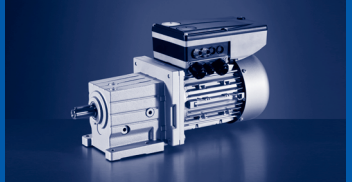
120 Hz: P_N = 0.55 kW

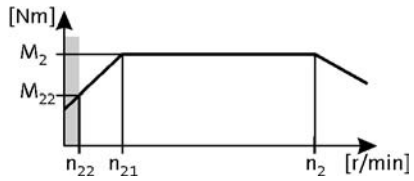
n_{22} / n_2 = 1 ... 24.0

n_1 = 143.3 ... 3440 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
70	293	-	1680	2.3	3.0	4.5	2.048	GST04-1M□□□063C32	E84DVB□5514S□1N2G	162
64	268	-	1536	2.6	3.0	3.9	2.240	GST05-1M□□□063C32	E84DVB□5514S□1N2G	162
50	210	-	1204	3.3	4.0	4.1	2.857	GST04-1M□□□063C32	E84DVB□5514S□1N2G	162
41	171	-	983	4.0	5.0	3.6	3.500	GST04-1M□□□063C32	E84DVB□5514S□1N2G	162
33	137	-	788	4.9	7.0	2.5	4.368	GST03-2M□□□063C32	E84DVB□5514S□1N2G	168
33	136	-	782	5.0	7.0	2.9	4.400	GST04-1M□□□063C32	E84DVB□5514S□1N2G	162
28	116	-	663	5.8	8.0	4.5	5.187	GST04-2M□□□063C32	E84DVB□5514S□1N2G	168
25	106	-	607	6.5	9.0	2.2	5.667	GST04-1M□□□063C32	E84DVB□5514S□1N2G	162
25	106	-	607	6.5	9.0	3.2	5.667	GST05-1M□□□063C32	E84DVB□5514S□1N2G	162
22	94	-	538	7.2	10	3.9	6.400	GST05-2M□□□063C32	E84DVB□5514S□1N2G	168
20	84	-	479	8.2	11	1.8	7.182	GST04-1M□□□063C32	E84DVB□5514S□1N2G	162
20	82	-	469	8.4	11	2.8	7.333	GST05-1M□□□063C32	E84DVB□5514S□1N2G	162
18	74	-	421	9.2	12	4.5	8.163	GST05-2M□□□063C32	E84DVB□5514S□1N2G	168
16	67	-	387	10	13	2.4	8.900	GST05-1M□□□063C32	E84DVB□5514S□1N2G	162
16	67	-	385	10	13	1.9	8.935	GST03-2M□□□063C32	E84DVB□5514S□1N2G	168
16	67	-	382	10	14	1.0	9.000	GST04-1M□□□063C32	E84DVB□5514S□1N2G	162
15	61	-	349	11	15	3.4	9.856	GST04-2M□□□063C32	E84DVB□5514S□1N2G	168
14	60	-	343	11	15	1.8	10.033	GST03-2M□□□063C32	E84DVB□5514S□1N2G	168
13	54	-	307	13	17	2.7	11.200	GST04-2M□□□063C32	E84DVB□5514S□1N2G	168
13	53	-	302	13	17	1.2	11.375	GST05-1M□□□063C32	E84DVB□5514S□1N2G	162
13	53	-	301	13	17	1.6	11.429	GST03-2M□□□063C32	E84DVB□5514S□1N2G	168
11	48	-	274	14	19	2.8	12.571	GST04-2M□□□063C32	E84DVB□5514S□1N2G	168
11	47	-	268	14	19	1.5	12.833	GST03-2M□□□063C32	E84DVB□5514S□1N2G	168
10	42	-	241	16	21	2.2	14.286	GST04-2M□□□063C32	E84DVB□5514S□1N2G	168
10	42	-	240	16	21	3.2	14.356	GST05-2M□□□063C32	E84DVB□5514S□1N2G	168
9.7	40	-	232	17	22	1.3	14.836	GST03-2M□□□063C32	E84DVB□5514S□1N2G	168
9.3	39	-	223	17	23	2.6	15.400	GST04-2M□□□063C32	E84DVB□5514S□1N2G	168
8.6	36	-	207	19	25	1.4	16.660	GST03-2M□□□063C32	E84DVB□5514S□1N2G	168
8.2	34	-	197	20	26	2.1	17.500	GST04-2M□□□063C32	E84DVB□5514S□1N2G	168
7.5	32	-	181	21	28	1.3	19.013	GST03-2M□□□063C32	E84DVB□5514S□1N2G	168
7.4	31	-	178	22	29	2.1	19.360	GST04-2M□□□063C32	E84DVB□5514S□1N2G	168
6.7	28	-	161	24	32	1.2	21.350	GST03-2M□□□063C32	E84DVB□5514S□1N2G	168
6.5	27	-	156	25	33	1.6	22.000	GST04-2M□□□063C32	E84DVB□5514S□1N2G	168
5.8	24	-	140	28	36	1.1	24.595	GST03-2M□□□063C32	E84DVB□5514S□1N2G	168
5.8	24	-	138	28	37	1.7	24.933	GST04-2M□□□063C32	E84DVB□5514S□1N2G	168
5.2	22	-	125	31	41	0.9	27.618	GST03-2M□□□063C32	E84DVB□5514S□1N2G	168
5.1	21	-	121	32	42	1.3	28.333	GST04-2M□□□063C32	E84DVB□5514S□1N2G	168
5.1	21	-	121	32	42	3.0	28.333	GST05-2M□□□063C32	E84DVB□5514S□1N2G	168
4.5	19	-	109	35	47	1.3	31.600	GST04-2M□□□063C32	E84DVB□5514S□1N2G	168
4.4	19	-	107	36	48	3.0	32.267	GST05-2M□□□063C32	E84DVB□5514S□1N2G	168
4.0	17	-	96	40	53	1.0	35.909	GST04-2M□□□063C32	E84DVB□5514S□1N2G	168





120 Hz: P_N = 0.55 kW

n_{22} / n_2 = 1 ... 24.0

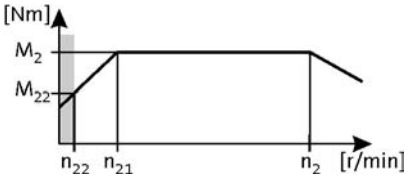
n_1 = 143.3 ... 3440 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
4.0	17	-	95	40	53	2.2	36.267	GST05-3M□□□063C32	E84DVB□5514S□1N2G	174
3.9	16	-	94	41	54	2.3	36.667	GST05-2M□□□063C32	E84DVB□5514S□1N2G	168
3.7	15	-	88	44	58	2.5	39.160	GST05-2M□□□063C32	E84DVB□5514S□1N2G	168
3.6	15	-	87	44	59	1.1	39.600	GST04-2M□□□063C32	E84DVB□5514S□1N2G	168
3.2	14	-	77	50	66	2.2	44.500	GST05-2M□□□063C32	E84DVB□5514S□1N2G	168
3.2	13	-	76	51	67	0.9	45.000	GST04-2M□□□063C32	E84DVB□5514S□1N2G	168
3.1	13	-	74	51	68	2.1	46.259	GST05-3M□□□063C32	E84DVB□5514S□1N2G	174
2.9	12	-	69	56	74	1.5	50.050	GST05-2M□□□063C32	E84DVB□5514S□1N2G	168
2.5	11	-	61	64	84	1.5	56.875	GST05-2M□□□063C32	E84DVB□5514S□1N2G	168
2.5	11	-	61	63	83	1.8	56.667	GST05-3M□□□063C32	E84DVB□5514S□1N2G	174
2.3	9.5	-	54	70	93	1.5	63.467	GST05-3M□□□063C32	E84DVB□5514S□1N2G	174
2.0	8.4	-	48	79	104	1.5	71.238	GST05-3M□□□063C32	E84DVB□5514S□1N2G	174
1.8	7.4	-	43	89	118	1.2	80.952	GST05-3M□□□063C32	E84DVB□5514S□1N2G	174
1.8	7.4	-	43	89	118	2.7	80.952	GST06-3M□□□063C32	E84DVB□5514S□1N2G	174
1.6	6.9	-	39	96	127	2.8	87.267	GST06-3M□□□063C32	E84DVB□5514S□1N2G	174
1.6	6.5	-	38	101	134	1.2	91.746	GST05-3M□□□063C32	E84DVB□5514S□1N2G	174
1.5	6.1	-	35	110	145	1.0	99.167	GST05-3M□□□063C32	E84DVB□5514S□1N2G	174
1.5	6.1	-	35	110	145	2.2	99.167	GST06-3M□□□063C32	E84DVB□5514S□1N2G	174
1.3	5.5	-	31	121	160	2.2	109.707	GST06-3M□□□063C32	E84DVB□5514S□1N2G	174
1.2	5.2	-	30	128	170	1.0	116.277	GST05-3M□□□063C32	E84DVB□5514S□1N2G	174
1.2	4.8	-	28	138	182	1.8	124.667	GST06-3M□□□063C32	E84DVB□5514S□1N2G	174
1.0	4.3	-	24	156	206	1.7	141.289	GST06-3M□□□063C32	E84DVB□5514S□1N2G	174
0.9	3.8	-	22	175	231	2.9	158.194	GST07-3M□□□063C32	E84DVB□5514S□1N2G	174
0.9	3.7	-	21	177	234	1.4	160.556	GST06-3M□□□063C32	E84DVB□5514S□1N2G	174
0.8	3.4	-	19	198	261	1.4	179.067	GST06-3M□□□063C32	E84DVB□5514S□1N2G	174
0.8	3.3	-	19	199	263	2.6	180.156	GST07-3M□□□063C32	E84DVB□5514S□1N2G	174
0.7	3.0	-	17	225	297	1.1	203.485	GST06-3M□□□063C32	E84DVB□5514S□1N2G	174
0.7	2.9	-	17	226	299	2.3	204.722	GST07-3M□□□063C32	E84DVB□5514S□1N2G	174
0.6	2.6	-	15	256	338	1.1	231.733	GST06-3M□□□063C32	E84DVB□5514S□1N2G	174
0.6	2.5	-	15	261	345	2.0	236.622	GST07-3M□□□063C32	E84DVB□5514S□1N2G	174
0.6	2.4	-	14	274	363	1.9	248.458	GST07-3M□□□063C32	E84DVB□5514S□1N2G	174
0.5	2.2	-	13	297	392	1.7	268.889	GST07-3M□□□063C32	E84DVB□5514S□1N2G	174
0.4	1.8	-	11	360	476	1.4	326.333	GST07-3M□□□063C32	E84DVB□5514S□1N2G	174
0.4	1.6	-	9.4	405	536	1.3	367.033	GST07-3M□□□063C32	E84DVB□5514S□1N2G	174
0.3	1.4	-	8.3	461	609	1.1	417.083	GST07-3M□□□063C32	E84DVB□5514S□1N2G	174

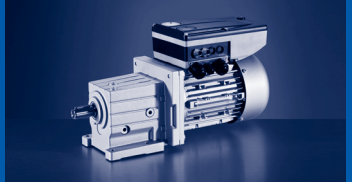
120 Hz: P_N = 0.75 kW

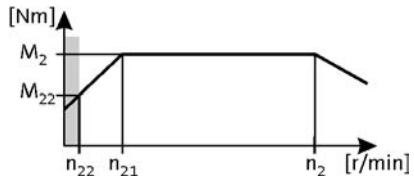
n_{22} / n_2 = 1 ... 24.0

n_1 = 141.7 ... 3400 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
69	293	-	1661	3.2	4.0	3.3	2.048	GST04-1M□□□063C42	E84DVB□7514S□1N2G	162
63	268	-	1518	3.5	5.0	2.9	2.240	GST05-1M□□□063C42	E84DVB□7514S□1N2G	162
50	210	-	1190	4.4	6.0	3.0	2.857	GST04-1M□□□063C42	E84DVB□7514S□1N2G	162
41	171	-	971	5.4	7.0	2.6	3.500	GST04-1M□□□063C42	E84DVB□7514S□1N2G	162
32	137	-	778	6.7	9.0	1.8	4.368	GST03-2M□□□063C42	E84DVB□7514S□1N2G	168
32	136	-	773	6.8	9.0	2.1	4.400	GST04-1M□□□063C42	E84DVB□7514S□1N2G	162
31	132	-	746	7.1	10	2.7	4.556	GST05-1M□□□063C42	E84DVB□7514S□1N2G	162
27	116	-	655	7.9	11	3.3	5.187	GST04-2M□□□063C42	E84DVB□7514S□1N2G	168
25	106	-	600	8.8	12	1.6	5.667	GST04-1M□□□063C42	E84DVB□7514S□1N2G	162
25	106	-	600	8.8	12	2.3	5.667	GST05-1M□□□063C42	E84DVB□7514S□1N2G	162
22	94	-	531	9.8	13	2.9	6.400	GST05-2M□□□063C42	E84DVB□7514S□1N2G	168
22	94	-	531	9.8	13	3.2	6.400	GST04-2M□□□063C42	E84DVB□7514S□1N2G	168
20	84	-	473	11	15	1.3	7.182	GST04-1M□□□063C42	E84DVB□7514S□1N2G	162
19	82	-	464	11	15	2.1	7.333	GST05-1M□□□063C42	E84DVB□7514S□1N2G	162
19	82	-	464	11	15	2.3	7.333	GST06-1M□□□063C42	E84DVB□7514S□1N2G	162
17	74	-	417	13	17	3.3	8.163	GST05-2M□□□063C42	E84DVB□7514S□1N2G	168
16	67	-	382	14	19	1.7	8.900	GST05-1M□□□063C42	E84DVB□7514S□1N2G	162
16	67	-	382	14	19	2.0	8.900	GST06-1M□□□063C42	E84DVB□7514S□1N2G	162
16	67	-	381	14	18	1.4	8.935	GST03-2M□□□063C42	E84DVB□7514S□1N2G	168
16	67	-	377	14	18	2.6	9.010	GST04-2M□□□063C42	E84DVB□7514S□1N2G	168
14	61	-	345	15	20	2.4	9.856	GST04-2M□□□063C42	E84DVB□7514S□1N2G	168
14	60	-	339	15	21	1.3	10.033	GST03-2M□□□063C42	E84DVB□7514S□1N2G	168
13	54	-	304	17	23	2.0	11.200	GST04-2M□□□063C42	E84DVB□7514S□1N2G	168
13	54	-	304	17	23	2.9	11.200	GST05-2M□□□063C42	E84DVB□7514S□1N2G	168
13	53	-	302	18	23	1.6	11.250	GST06-1M□□□063C42	E84DVB□7514S□1N2G	162
12	53	-	298	18	23	1.2	11.429	GST03-2M□□□063C42	E84DVB□7514S□1N2G	168
11	48	-	271	19	26	2.0	12.571	GST04-2M□□□063C42	E84DVB□7514S□1N2G	168
11	47	-	265	20	26	1.1	12.833	GST03-2M□□□063C42	E84DVB□7514S□1N2G	168
11	46	-	261	20	27	2.7	13.016	GST05-2M□□□063C42	E84DVB□7514S□1N2G	168
9.9	42	-	238	22	29	1.6	14.286	GST04-2M□□□063C42	E84DVB□7514S□1N2G	168
9.9	42	-	237	22	29	2.3	14.356	GST05-2M□□□063C42	E84DVB□7514S□1N2G	168
9.6	40	-	229	23	30	1.0	14.836	GST03-2M□□□063C42	E84DVB□7514S□1N2G	168
9.2	39	-	221	24	32	1.9	15.400	GST04-2M□□□063C42	E84DVB□7514S□1N2G	168
8.8	37	-	210	25	33	2.6	16.190	GST05-2M□□□063C42	E84DVB□7514S□1N2G	168
8.5	36	-	204	26	34	1.0	16.660	GST03-2M□□□063C42	E84DVB□7514S□1N2G	168
8.1	34	-	194	27	36	1.5	17.500	GST04-2M□□□063C42	E84DVB□7514S□1N2G	168
7.5	32	-	179	29	39	0.9	19.013	GST03-2M□□□063C42	E84DVB□7514S□1N2G	168
7.3	31	-	176	30	40	1.5	19.360	GST04-2M□□□063C42	E84DVB□7514S□1N2G	168
7.1	30	-	170	31	41	3.1	20.044	GST05-2M□□□063C42	E84DVB□7514S□1N2G	168
6.4	27	-	155	34	45	1.2	22.000	GST04-2M□□□063C42	E84DVB□7514S□1N2G	168
6.2	26	-	149	35	47	2.7	22.778	GST05-2M□□□063C42	E84DVB□7514S□1N2G	168





120 Hz: P_N = 0.75 kW

n_{22} / n_2 = 1 ... 24.0

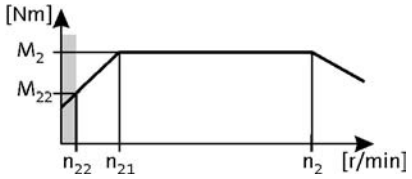
n_1 = 141.7 ... 3400 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
5.7	24	-	136	38	51	1.2	24.933	GST04-2M□□□063C42	E84DVB□7514S□1N2G	168
5.7	24	-	136	38	51	2.6	24.933	GST05-2M□□□063C42	E84DVB□7514S□1N2G	168
5.0	21	-	120	43	58	0.9	28.333	GST04-2M□□□063C42	E84DVB□7514S□1N2G	168
5.0	21	-	120	43	58	2.2	28.333	GST05-2M□□□063C42	E84DVB□7514S□1N2G	168
4.5	19	-	108	48	65	1.0	31.600	GST04-2M□□□063C42	E84DVB□7514S□1N2G	168
4.4	19	-	105	49	66	2.2	32.267	GST05-2M□□□063C42	E84DVB□7514S□1N2G	168
4.4	19	-	105	49	66	2.6	32.267	GST06-2M□□□063C42	E84DVB□7514S□1N2G	168
3.9	17	-	94	55	73	1.6	36.267	GST05-3M□□□063C42	E84DVB□7514S□1N2G	174
3.9	16	-	93	56	75	1.7	36.667	GST05-2M□□□063C42	E84DVB□7514S□1N2G	168
3.9	16	-	93	56	75	2.6	36.667	GST06-2M□□□063C42	E84DVB□7514S□1N2G	168
3.6	15	-	87	60	80	1.8	39.160	GST05-2M□□□063C42	E84DVB□7514S□1N2G	168
3.6	15	-	87	60	80	2.3	39.160	GST06-2M□□□063C42	E84DVB□7514S□1N2G	168
3.2	14	-	76	68	91	1.6	44.500	GST05-2M□□□063C42	E84DVB□7514S□1N2G	168
3.2	14	-	76	68	91	2.5	44.500	GST06-2M□□□063C42	E84DVB□7514S□1N2G	168
3.1	13	-	74	70	93	1.5	46.259	GST05-3M□□□063C42	E84DVB□7514S□1N2G	174
2.9	12	-	69	76	101	2.0	49.500	GST06-2M□□□063C42	E84DVB□7514S□1N2G	168
2.8	12	-	68	77	102	1.1	50.050	GST05-2M□□□063C42	E84DVB□7514S□1N2G	168
2.8	12	-	67	77	103	3.0	51.022	GST06-3M□□□063C42	E84DVB□7514S□1N2G	174
2.6	11	-	63	81	109	3.1	53.900	GST06-3M□□□063C42	E84DVB□7514S□1N2G	174
2.5	11	-	60	87	116	1.1	56.875	GST05-2M□□□063C42	E84DVB□7514S□1N2G	168
2.5	11	-	60	85	114	1.3	56.667	GST05-3M□□□063C42	E84DVB□7514S□1N2G	174
2.5	11	-	60	86	115	2.0	56.250	GST06-2M□□□063C42	E84DVB□7514S□1N2G	168
2.2	9.5	-	54	96	128	1.1	63.467	GST05-3M□□□063C42	E84DVB□7514S□1N2G	174
2.1	8.9	-	50	102	136	2.6	67.760	GST06-3M□□□063C42	E84DVB□7514S□1N2G	174
2.0	8.6	-	49	106	141	2.4	70.156	GST06-3M□□□063C42	E84DVB□7514S□1N2G	174
2.0	8.4	-	48	107	143	1.1	71.238	GST05-3M□□□063C42	E84DVB□7514S□1N2G	174
1.8	7.4	-	42	122	163	2.0	80.952	GST06-3M□□□063C42	E84DVB□7514S□1N2G	174
1.6	6.9	-	39	131	176	2.0	87.267	GST06-3M□□□063C42	E84DVB□7514S□1N2G	174
1.4	6.1	-	34	149	200	1.6	99.167	GST06-3M□□□063C42	E84DVB□7514S□1N2G	174
1.3	5.5	-	31	165	221	1.6	109.707	GST06-3M□□□063C42	E84DVB□7514S□1N2G	174
1.3	5.4	-	30	169	225	3.0	111.915	GST07-3M□□□063C42	E84DVB□7514S□1N2G	174
1.1	4.8	-	27	188	251	1.3	124.667	GST06-3M□□□063C42	E84DVB□7514S□1N2G	174
1.1	4.7	-	27	192	256	2.7	127.176	GST07-3M□□□063C42	E84DVB□7514S□1N2G	174
1.0	4.3	-	24	213	284	1.3	141.289	GST06-3M□□□063C42	E84DVB□7514S□1N2G	174
1.0	4.3	-	24	210	280	2.4	139.211	GST07-3M□□□063C42	E84DVB□7514S□1N2G	174
0.9	3.8	-	22	238	319	2.1	158.194	GST07-3M□□□063C42	E84DVB□7514S□1N2G	174
0.9	3.7	-	21	242	323	1.0	160.556	GST06-3M□□□063C42	E84DVB□7514S□1N2G	174
0.8	3.4	-	19	270	361	1.0	179.067	GST06-3M□□□063C42	E84DVB□7514S□1N2G	174
0.8	3.3	-	19	271	363	1.9	180.156	GST07-3M□□□063C42	E84DVB□7514S□1N2G	174
0.8	3.3	-	19	275	368	2.9	182.844	GST09-3M□□□063C42	E84DVB□7514S□1N2G	174
0.7	2.9	-	17	308	412	1.7	204.722	GST07-3M□□□063C42	E84DVB□7514S□1N2G	174

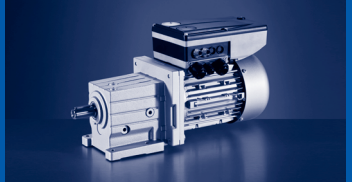
120 Hz: P_N = 0.75 kW

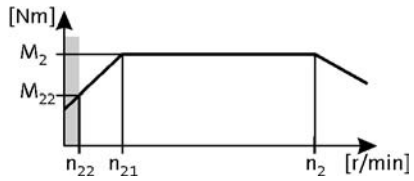
n_{22} / n_2 = 1 ... 24.0

n_1 = 141.7 ... 3400 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
0.7	2.9	-	16	313	418	2.9	207.778	GST09-3M□□□063C42	E84DVB□7514S□1N2G	174
0.6	2.5	-	14	356	476	1.4	236.622	GST07-3M□□□063C42	E84DVB□7514S□1N2G	174
0.6	2.4	-	14	374	500	1.4	248.458	GST07-3M□□□063C42	E84DVB□7514S□1N2G	174
0.6	2.4	-	14	380	508	2.5	252.167	GST09-3M□□□063C42	E84DVB□7514S□1N2G	174
0.6	2.5	-	14	356	476	2.9	236.622	GST09-3M□□□063C42	E84DVB□7514S□1N2G	174
0.5	2.2	-	13	405	541	1.3	268.889	GST07-3M□□□063C42	E84DVB□7514S□1N2G	174
0.5	2.2	-	13	405	541	2.9	268.889	GST09-3M□□□063C42	E84DVB□7514S□1N2G	174
0.4	1.8	-	10	491	657	1.0	326.333	GST07-3M□□□063C42	E84DVB□7514S□1N2G	174
0.4	1.8	-	10	491	657	2.4	326.333	GST09-3M□□□063C42	E84DVB□7514S□1N2G	174
0.4	1.7	-	9.4	547	731	2.0	363.000	GST09-3M□□□063C42	E84DVB□7514S□1N2G	174
0.4	1.6	-	9.3	553	739	0.9	367.033	GST07-3M□□□063C42	E84DVB□7514S□1N2G	174
0.3	1.5	-	8.2	621	830	1.9	412.500	GST09-3M□□□063C42	E84DVB□7514S□1N2G	174





120 Hz: P_N = 1.10 kW

n_{22} / n_2 = 1 ... 24.0

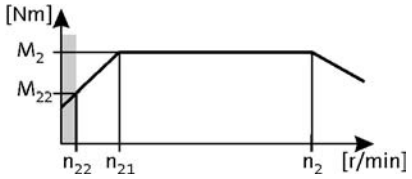
n_1 = 145.4 ... 3490 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
71	293	-	1704	4.7	6.0	2.8	2.048	GST04-1M□□□071C32	E84DVB□1124S□1N2G	162
65	268	-	1558	5.1	7.0	2.8	2.240	GST04-1M□□□071C32	E84DVB□1124S□1N2G	162
51	210	-	1222	6.5	9.0	2.2	2.857	GST04-1M□□□071C32	E84DVB□1124S□1N2G	162
42	171	-	997	8.0	10	1.8	3.500	GST04-1M□□□071C32	E84DVB□1124S□1N2G	162
33	136	-	793	10	13	1.4	4.400	GST04-1M□□□071C32	E84DVB□1124S□1N2G	162
32	132	-	766	10	14	3.0	4.556	GST05-1M□□□071C32	E84DVB□1124S□1N2G	162
28	116	-	673	12	15	2.5	5.187	GST04-2M□□□071C32	E84DVB□1124S□1N2G	168
26	106	-	616	13	17	1.1	5.667	GST04-1M□□□071C32	E84DVB□1124S□1N2G	162
26	106	-	616	13	17	2.4	5.667	GST05-1M□□□071C32	E84DVB□1124S□1N2G	162
26	106	-	616	13	17	3.0	5.667	GST06-1M□□□071C32	E84DVB□1124S□1N2G	162
25	103	-	597	13	17	2.4	5.850	GST04-2M□□□071C32	E84DVB□1124S□1N2G	168
23	94	-	545	14	19	2.2	6.400	GST04-2M□□□071C32	E84DVB□1124S□1N2G	168
20	82	-	476	17	22	1.6	7.333	GST05-1M□□□071C32	E84DVB□1124S□1N2G	162
20	82	-	476	17	22	2.7	7.333	GST06-1M□□□071C32	E84DVB□1124S□1N2G	162
18	74	-	428	18	24	3.6	8.163	GST05-2M□□□071C32	E84DVB□1124S□1N2G	168
16	67	-	392	20	26	1.2	8.900	GST05-1M□□□071C32	E84DVB□1124S□1N2G	162
16	67	-	392	20	26	2.2	8.900	GST06-1M□□□071C32	E84DVB□1124S□1N2G	162
16	67	-	387	20	26	1.8	9.010	GST04-2M□□□071C32	E84DVB□1124S□1N2G	168
15	61	-	354	22	29	1.7	9.856	GST04-2M□□□071C32	E84DVB□1124S□1N2G	168
15	60	-	349	22	29	3.2	10.000	GST05-2M□□□071C32	E84DVB□1124S□1N2G	168
13	54	-	312	25	33	1.4	11.200	GST04-2M□□□071C32	E84DVB□1124S□1N2G	168
13	54	-	312	25	33	2.9	11.200	GST05-2M□□□071C32	E84DVB□1124S□1N2G	168
13	53	-	310	26	33	1.3	11.250	GST06-1M□□□071C32	E84DVB□1124S□1N2G	162
12	48	-	278	28	37	1.4	12.571	GST04-2M□□□071C32	E84DVB□1124S□1N2G	168
11	46	-	268	29	38	2.7	13.016	GST05-2M□□□071C32	E84DVB□1124S□1N2G	168
10	42	-	244	32	42	1.1	14.286	GST04-2M□□□071C32	E84DVB□1124S□1N2G	168
10	42	-	243	32	42	2.5	14.356	GST05-2M□□□071C32	E84DVB□1124S□1N2G	168
9.4	39	-	227	35	45	1.3	15.400	GST04-2M□□□071C32	E84DVB□1124S□1N2G	168
9.0	37	-	216	36	47	2.7	16.190	GST05-2M□□□071C32	E84DVB□1124S□1N2G	168
8.3	34	-	199	39	51	1.0	17.500	GST04-2M□□□071C32	E84DVB□1124S□1N2G	168
8.3	34	-	199	39	51	2.4	17.500	GST05-2M□□□071C32	E84DVB□1124S□1N2G	168
7.5	31	-	180	43	57	1.1	19.360	GST04-2M□□□071C32	E84DVB□1124S□1N2G	168
7.3	30	-	174	45	59	2.3	20.044	GST05-2M□□□071C32	E84DVB□1124S□1N2G	168
6.4	26	-	153	51	67	1.9	22.778	GST05-2M□□□071C32	E84DVB□1124S□1N2G	168
5.8	24	-	140	56	73	1.9	24.933	GST05-2M□□□071C32	E84DVB□1124S□1N2G	168
5.1	21	-	123	64	83	1.5	28.333	GST05-2M□□□071C32	E84DVB□1124S□1N2G	168
4.5	19	-	108	72	94	1.5	32.267	GST05-2M□□□071C32	E84DVB□1124S□1N2G	168
4.5	19	-	108	72	94	3.1	32.267	GST06-2M□□□071C32	E84DVB□1124S□1N2G	168
4.0	17	-	96	80	104	1.1	36.267	GST05-3M□□□071C32	E84DVB□1124S□1N2G	174
4.0	16	-	95	82	107	1.2	36.667	GST05-2M□□□071C32	E84DVB□1124S□1N2G	168
4.0	16	-	95	82	107	2.6	36.667	GST06-2M□□□071C32	E84DVB□1124S□1N2G	168

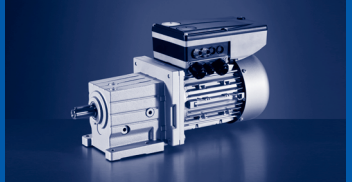
120 Hz: P_N = 1.10 kW

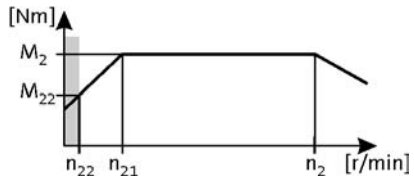
n_{22} / n_2 = 1 ... 24.0

n_1 = 145.4 ... 3490 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
3.7	15	-	89	88	114	1.2	39.160	GST05-2M□□□071C32	E84DVB□1124S□1N2G	168
3.7	15	-	89	87	113	2.4	39.200	GST06-3M□□□071C32	E84DVB□1124S□1N2G	174
3.7	15	-	89	88	114	2.5	39.160	GST06-2M□□□071C32	E84DVB□1124S□1N2G	168
3.3	14	-	79	97	127	2.5	44.000	GST06-3M□□□071C32	E84DVB□1124S□1N2G	174
3.3	14	-	78	100	130	1.1	44.500	GST05-2M□□□071C32	E84DVB□1124S□1N2G	168
3.3	14	-	78	100	130	2.4	44.500	GST06-2M□□□071C32	E84DVB□1124S□1N2G	168
3.1	13	-	75	102	133	1.0	46.259	GST05-3M□□□071C32	E84DVB□1124S□1N2G	174
2.9	12	-	71	111	145	1.6	49.500	GST06-2M□□□071C32	E84DVB□1124S□1N2G	168
2.9	12	-	68	113	147	2.1	51.022	GST06-3M□□□071C32	E84DVB□1124S□1N2G	174
2.7	11	-	65	119	155	2.1	53.900	GST06-3M□□□071C32	E84DVB□1124S□1N2G	174
2.6	11	-	62	125	163	0.9	56.667	GST05-3M□□□071C32	E84DVB□1124S□1N2G	174
2.6	11	-	62	126	164	1.6	56.250	GST06-2M□□□071C32	E84DVB□1124S□1N2G	168
2.2	8.9	-	52	150	195	1.8	67.760	GST06-3M□□□071C32	E84DVB□1124S□1N2G	174
2.1	8.6	-	50	155	202	1.7	70.156	GST06-3M□□□071C32	E84DVB□1124S□1N2G	174
1.8	7.5	-	44	176	229	2.9	79.762	GST07-3M□□□071C32	E84DVB□1124S□1N2G	174
1.8	7.4	-	43	179	233	1.4	80.952	GST06-3M□□□071C32	E84DVB□1124S□1N2G	174
1.7	7.0	-	41	190	247	2.7	85.983	GST07-3M□□□071C32	E84DVB□1124S□1N2G	174
1.7	6.9	-	40	193	251	1.4	87.267	GST06-3M□□□071C32	E84DVB□1124S□1N2G	174
1.5	6.1	-	36	216	281	2.4	97.708	GST07-3M□□□071C32	E84DVB□1124S□1N2G	174
1.5	6.1	-	35	219	285	1.1	99.167	GST06-3M□□□071C32	E84DVB□1124S□1N2G	174
1.3	5.5	-	32	242	316	1.1	109.707	GST06-3M□□□071C32	E84DVB□1124S□1N2G	174
1.3	5.4	-	31	247	322	2.1	111.915	GST07-3M□□□071C32	E84DVB□1124S□1N2G	174
1.1	4.7	-	27	281	366	1.8	127.176	GST07-3M□□□071C32	E84DVB□1124S□1N2G	174
1.0	4.3	-	25	308	400	1.7	139.211	GST07-3M□□□071C32	E84DVB□1124S□1N2G	174
0.9	3.8	-	22	349	455	1.5	158.194	GST07-3M□□□071C32	E84DVB□1124S□1N2G	174
0.8	3.3	-	19	398	518	1.3	180.156	GST07-3M□□□071C32	E84DVB□1124S□1N2G	174
0.8	3.3	-	19	404	526	2.9	182.844	GST09-3M□□□071C32	E84DVB□1124S□1N2G	174
0.7	2.9	-	17	452	589	1.1	204.722	GST07-3M□□□071C32	E84DVB□1124S□1N2G	174
0.7	2.9	-	17	459	598	2.6	207.778	GST09-3M□□□071C32	E84DVB□1124S□1N2G	174
0.6	2.5	-	15	523	681	1.0	236.622	GST07-3M□□□071C32	E84DVB□1124S□1N2G	174
0.6	2.5	-	15	523	681	2.3	236.622	GST09-3M□□□071C32	E84DVB□1124S□1N2G	174
0.6	2.4	-	14	549	715	0.9	248.458	GST07-3M□□□071C32	E84DVB□1124S□1N2G	174
0.6	2.4	-	14	557	725	2.1	252.167	GST09-3M□□□071C32	E84DVB□1124S□1N2G	174
0.5	2.2	-	13	594	773	2.0	268.889	GST09-3M□□□071C32	E84DVB□1124S□1N2G	174
0.5	1.8	-	11	721	939	1.6	326.333	GST09-3M□□□071C32	E84DVB□1124S□1N2G	174
0.4	1.7	-	9.6	802	1044	1.5	363.000	GST09-3M□□□071C32	E84DVB□1124S□1N2G	174
0.4	1.5	-	8.5	911	1187	1.3	412.500	GST09-3M□□□071C32	E84DVB□1124S□1N2G	174





120 Hz: P_N = 1.50 kW

n_{22} / n_2 = 1 ... 24.0

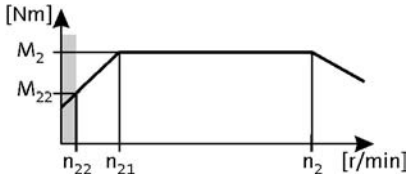
n_1 = 143.8 ... 3450 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
70	293	-	1685	6.4	8.0	2.1	2.048	GST04-1M□□□071C42	E84DVB□1524S□1N2G	162
70	293	-	1685	6.4	8.0	3.1	2.048	GST05-1M□□□071C42	E84DVB□1524S□1N2G	162
64	268	-	1540	7.0	9.0	2.0	2.240	GST04-1M□□□071C42	E84DVB□1524S□1N2G	162
64	268	-	1540	7.0	9.0	3.1	2.240	GST05-1M□□□071C42	E84DVB□1524S□1N2G	162
50	210	-	1208	8.9	12	1.6	2.857	GST04-1M□□□071C42	E84DVB□1524S□1N2G	162
50	210	-	1208	8.9	12	2.9	2.857	GST05-1M□□□071C42	E84DVB□1524S□1N2G	162
50	210	-	1208	8.9	12	3.1	2.857	GST06-1M□□□071C42	E84DVB□1524S□1N2G	162
41	171	-	986	11	14	1.3	3.500	GST04-1M□□□071C42	E84DVB□1524S□1N2G	162
41	171	-	986	11	14	2.6	3.500	GST05-1M□□□071C42	E84DVB□1524S□1N2G	162
33	136	-	784	14	18	1.1	4.400	GST04-1M□□□071C42	E84DVB□1524S□1N2G	162
32	132	-	757	14	19	2.2	4.556	GST05-1M□□□071C42	E84DVB□1524S□1N2G	162
32	132	-	757	14	19	2.6	4.556	GST06-1M□□□071C42	E84DVB□1524S□1N2G	162
28	116	-	665	16	21	1.8	5.187	GST04-2M□□□071C42	E84DVB□1524S□1N2G	168
28	116	-	665	16	21	3.1	5.187	GST05-2M□□□071C42	E84DVB□1524S□1N2G	168
25	106	-	609	18	23	1.8	5.667	GST05-1M□□□071C42	E84DVB□1524S□1N2G	162
25	106	-	609	18	23	2.2	5.667	GST06-1M□□□071C42	E84DVB□1524S□1N2G	162
25	103	-	590	18	24	1.7	5.850	GST04-2M□□□071C42	E84DVB□1524S□1N2G	168
25	103	-	590	18	24	3.1	5.850	GST05-2M□□□071C42	E84DVB□1524S□1N2G	168
23	94	-	539	20	26	1.6	6.400	GST04-2M□□□071C42	E84DVB□1524S□1N2G	168
23	94	-	539	20	26	3.1	6.400	GST05-2M□□□071C42	E84DVB□1524S□1N2G	168
20	83	-	477	22	29	2.8	7.238	GST05-2M□□□071C42	E84DVB□1524S□1N2G	168
20	82	-	471	23	30	1.2	7.333	GST05-1M□□□071C42	E84DVB□1524S□1N2G	162
20	82	-	471	23	30	2.0	7.333	GST06-1M□□□071C42	E84DVB□1524S□1N2G	162
18	74	-	423	25	33	2.7	8.163	GST05-2M□□□071C42	E84DVB□1524S□1N2G	168
18	74	-	423	25	33	3.1	8.163	GST06-2M□□□071C42	E84DVB□1524S□1N2G	168
16	67	-	388	28	36	1.6	8.900	GST06-1M□□□071C42	E84DVB□1524S□1N2G	162
16	67	-	383	28	36	1.3	9.010	GST04-2M□□□071C42	E84DVB□1524S□1N2G	168
16	67	-	383	28	36	2.5	9.010	GST05-2M□□□071C42	E84DVB□1524S□1N2G	168
15	61	-	350	30	40	1.2	9.856	GST04-2M□□□071C42	E84DVB□1524S□1N2G	168
14	60	-	345	31	40	2.3	10.000	GST05-2M□□□071C42	E84DVB□1524S□1N2G	168
13	54	-	308	34	45	1.0	11.200	GST04-2M□□□071C42	E84DVB□1524S□1N2G	168
13	54	-	308	34	45	2.1	11.200	GST05-2M□□□071C42	E84DVB□1524S□1N2G	168
13	53	-	307	35	46	0.9	11.250	GST06-1M□□□071C42	E84DVB□1524S□1N2G	162
11	48	-	274	38	51	1.0	12.571	GST04-2M□□□071C42	E84DVB□1524S□1N2G	168
11	48	-	274	38	51	3.1	12.571	GST06-2M□□□071C42	E84DVB□1524S□1N2G	168
11	46	-	265	40	52	2.0	13.016	GST05-2M□□□071C42	E84DVB□1524S□1N2G	168
10	42	-	242	44	58	3.1	14.286	GST06-2M□□□071C42	E84DVB□1524S□1N2G	168
10	42	-	240	44	58	1.8	14.356	GST05-2M□□□071C42	E84DVB□1524S□1N2G	168
9.3	39	-	224	47	62	1.0	15.400	GST04-2M□□□071C42	E84DVB□1524S□1N2G	168
8.9	37	-	213	50	65	2.0	16.190	GST05-2M□□□071C42	E84DVB□1524S□1N2G	168
8.2	34	-	197	54	71	1.7	17.500	GST05-2M□□□071C42	E84DVB□1524S□1N2G	168

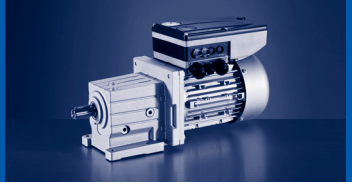
120 Hz: P_N = 1.50 kW

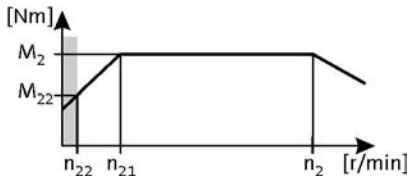
n_{22} / n_2 = 1 ... 24.0

n_1 = 143.8 ... 3450 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
7.2	30	-	172	61	81	1.7	20.044	GST05-2M□□□071C42	E84DVB□1524S□1N2G	168
7.2	30	-	172	61	81	2.9	20.044	GST06-2M□□□071C42	E84DVB□1524S□1N2G	168
6.3	26	-	152	70	92	1.4	22.778	GST05-2M□□□071C42	E84DVB□1524S□1N2G	168
6.3	26	-	152	70	92	2.9	22.778	GST06-2M□□□071C42	E84DVB□1524S□1N2G	168
5.8	24	-	138	76	100	1.4	24.933	GST05-2M□□□071C42	E84DVB□1524S□1N2G	168
5.8	24	-	138	76	100	2.4	24.933	GST06-2M□□□071C42	E84DVB□1524S□1N2G	168
5.1	21	-	122	87	114	1.1	28.333	GST05-2M□□□071C42	E84DVB□1524S□1N2G	168
5.1	21	-	122	87	114	2.4	28.333	GST06-2M□□□071C42	E84DVB□1524S□1N2G	168
4.5	19	-	107	99	130	1.1	32.267	GST05-2M□□□071C42	E84DVB□1524S□1N2G	168
4.5	19	-	107	99	130	2.2	32.267	GST06-2M□□□071C42	E84DVB□1524S□1N2G	168
3.9	16	-	94	112	148	1.9	36.667	GST06-2M□□□071C42	E84DVB□1524S□1N2G	168
3.7	15	-	88	120	158	0.9	39.160	GST05-2M□□□071C42	E84DVB□1524S□1N2G	168
3.7	15	-	88	120	158	1.8	39.160	GST06-2M□□□071C42	E84DVB□1524S□1N2G	168
3.7	15	-	88	118	156	1.8	39.200	GST06-3M□□□071C42	E84DVB□1524S□1N2G	174
3.2	14	-	78	136	179	1.7	44.500	GST06-2M□□□071C42	E84DVB□1524S□1N2G	168
3.3	14	-	78	133	175	1.8	44.000	GST06-3M□□□071C42	E84DVB□1524S□1N2G	174
3.3	14	-	78	133	175	3.2	44.000	GST07-3M□□□071C42	E84DVB□1524S□1N2G	174
2.9	12	-	70	151	199	1.2	49.500	GST06-2M□□□071C42	E84DVB□1524S□1N2G	168
2.8	12	-	68	154	202	1.5	51.022	GST06-3M□□□071C42	E84DVB□1524S□1N2G	174
2.7	11	-	64	162	214	1.6	53.900	GST06-3M□□□071C42	E84DVB□1524S□1N2G	174
2.7	11	-	64	162	214	3.2	53.900	GST07-3M□□□071C42	E84DVB□1524S□1N2G	174
2.6	11	-	61	172	227	1.2	56.250	GST06-2M□□□071C42	E84DVB□1524S□1N2G	168
2.2	9.2	-	53	196	258	2.6	65.079	GST07-3M□□□071C42	E84DVB□1524S□1N2G	174
2.1	8.9	-	51	204	269	1.3	67.760	GST06-3M□□□071C42	E84DVB□1524S□1N2G	174
2.1	8.6	-	49	211	278	1.2	70.156	GST06-3M□□□071C42	E84DVB□1524S□1N2G	174
2.1	8.6	-	49	211	278	2.4	70.156	GST07-3M□□□071C42	E84DVB□1524S□1N2G	174
1.8	7.4	-	43	244	321	1.0	80.952	GST06-3M□□□071C42	E84DVB□1524S□1N2G	174
1.8	7.5	-	43	240	317	2.1	79.762	GST07-3M□□□071C42	E84DVB□1524S□1N2G	174
1.7	6.9	-	40	263	346	1.0	87.267	GST06-3M□□□071C42	E84DVB□1524S□1N2G	174
1.7	7.0	-	40	259	341	2.0	85.983	GST07-3M□□□071C42	E84DVB□1524S□1N2G	174
1.5	6.4	-	37	282	371	3.2	93.541	GST09-3M□□□071C42	E84DVB□1524S□1N2G	174
1.5	6.1	-	35	294	388	1.7	97.708	GST07-3M□□□071C42	E84DVB□1524S□1N2G	174
1.3	5.4	-	31	337	444	1.5	111.915	GST07-3M□□□071C42	E84DVB□1524S□1N2G	174
1.3	5.3	-	30	342	451	3.2	113.585	GST09-3M□□□071C42	E84DVB□1524S□1N2G	174
1.1	4.7	-	27	383	505	1.3	127.176	GST07-3M□□□071C42	E84DVB□1524S□1N2G	174
1.1	4.7	-	27	389	512	3.0	129.074	GST09-3M□□□071C42	E84DVB□1524S□1N2G	174
1.0	4.3	-	25	419	552	1.2	139.211	GST07-3M□□□071C42	E84DVB□1524S□1N2G	174
1.0	4.3	-	24	426	561	2.7	141.289	GST09-3M□□□071C42	E84DVB□1524S□1N2G	174
0.9	3.8	-	22	476	628	1.1	158.194	GST07-3M□□□071C42	E84DVB□1524S□1N2G	174
0.9	3.7	-	22	484	637	2.4	160.556	GST09-3M□□□071C42	E84DVB□1524S□1N2G	174
0.8	3.3	-	19	543	715	0.9	180.156	GST07-3M□□□071C42	E84DVB□1524S□1N2G	174





120 Hz: P_N = 1.50 kW

n_{22} / n_2 = 1 ... 24.0

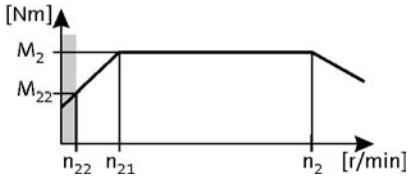
n_1 = 143.8 ... 3450 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
0.8	3.3	-	19	551	726	2.1	182.844	GST09-3M□□□071C42	E84DVB□1524S□1N2G	174
0.7	2.9	-	17	626	824	1.9	207.778	GST09-3M□□□071C42	E84DVB□1524S□1N2G	174
0.6	2.5	-	15	713	939	1.6	236.622	GST09-3M□□□071C42	E84DVB□1524S□1N2G	174
0.6	2.4	-	14	760	1001	1.5	252.167	GST09-3M□□□071C42	E84DVB□1524S□1N2G	174
0.5	2.2	-	13	810	1067	1.5	268.889	GST09-3M□□□071C42	E84DVB□1524S□1N2G	174
0.4	1.8	-	11	983	1295	1.2	326.333	GST09-3M□□□071C42	E84DVB□1524S□1N2G	174
0.4	1.7	-	9.5	1093	1440	1.1	363.000	GST09-3M□□□071C42	E84DVB□1524S□1N2G	174
0.4	1.5	-	8.4	1242	1637	0.9	412.500	GST09-3M□□□071C42	E84DVB□1524S□1N2G	174

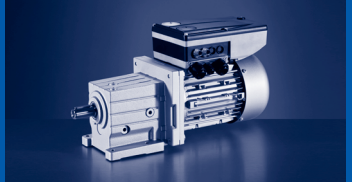
120 Hz: P_N = 2.20 kW

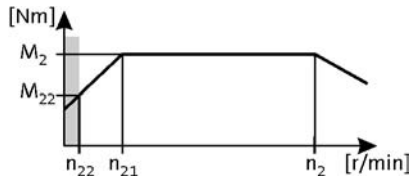
n_{22} / n_2 = 1 ... 24.0

n_1 = 145.8 ... 3500 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
71	293	-	1709	9.1	12	1.4	2.048	GST04-1M□□□080C32	E84DVB□2224S□1N2G	162
65	268	-	1563	9.9	13	1.4	2.240	GST04-1M□□□080C32	E84DVB□2224S□1N2G	162
65	268	-	1563	9.9	13	3.0	2.240	GST05-1M□□□080C32	E84DVB□2224S□1N2G	162
51	210	-	1225	13	17	1.1	2.857	GST04-1M□□□080C32	E84DVB□2224S□1N2G	162
51	210	-	1225	13	17	2.4	2.857	GST05-1M□□□080C32	E84DVB□2224S□1N2G	162
42	171	-	1000	16	21	0.9	3.500	GST04-1M□□□080C32	E84DVB□2224S□1N2G	162
42	171	-	1000	16	21	2.0	3.500	GST05-1M□□□080C32	E84DVB□2224S□1N2G	162
32	132	-	768	20	27	1.5	4.556	GST05-1M□□□080C32	E84DVB□2224S□1N2G	162
32	132	-	768	20	27	2.9	4.556	GST06-1M□□□080C32	E84DVB□2224S□1N2G	162
28	116	-	675	23	30	1.2	5.187	GST04-2M□□□080C32	E84DVB□2224S□1N2G	168
28	116	-	675	23	30	2.2	5.187	GST05-2M□□□080C32	E84DVB□2224S□1N2G	168
26	108	-	627	25	33	2.9	5.583	GST07-1M□□□080C32	E84DVB□2224S□1N2G	162
26	106	-	618	25	34	1.2	5.667	GST05-1M□□□080C32	E84DVB□2224S□1N2G	162
26	106	-	618	25	34	2.4	5.667	GST06-1M□□□080C32	E84DVB□2224S□1N2G	162
25	103	-	598	26	34	1.2	5.850	GST04-2M□□□080C32	E84DVB□2224S□1N2G	168
25	103	-	598	26	34	2.2	5.850	GST05-2M□□□080C32	E84DVB□2224S□1N2G	168
23	94	-	547	28	37	1.1	6.400	GST04-2M□□□080C32	E84DVB□2224S□1N2G	168
23	94	-	547	28	37	2.1	6.400	GST05-2M□□□080C32	E84DVB□2224S□1N2G	168
20	83	-	484	32	42	1.9	7.238	GST05-2M□□□080C32	E84DVB□2224S□1N2G	168
20	82	-	477	33	43	1.7	7.333	GST06-1M□□□080C32	E84DVB□2224S□1N2G	162
20	82	-	477	33	43	2.7	7.333	GST07-1M□□□080C32	E84DVB□2224S□1N2G	162
18	74	-	429	36	48	1.8	8.163	GST05-2M□□□080C32	E84DVB□2224S□1N2G	168
16	67	-	393	39	53	1.2	8.900	GST06-1M□□□080C32	E84DVB□2224S□1N2G	162
16	67	-	393	39	53	2.2	8.900	GST07-1M□□□080C32	E84DVB□2224S□1N2G	162
16	67	-	389	39	53	0.9	9.010	GST04-2M□□□080C32	E84DVB□2224S□1N2G	168
16	67	-	389	39	53	1.7	9.010	GST05-2M□□□080C32	E84DVB□2224S□1N2G	168
15	60	-	350	44	58	1.6	10.000	GST05-2M□□□080C32	E84DVB□2224S□1N2G	168
13	54	-	313	49	65	1.5	11.200	GST05-2M□□□080C32	E84DVB□2224S□1N2G	168
13	54	-	313	49	65	3.2	11.200	GST06-2M□□□080C32	E84DVB□2224S□1N2G	168
13	53	-	311	50	67	1.3	11.250	GST07-1M□□□080C32	E84DVB□2224S□1N2G	162
12	48	-	278	55	73	3.0	12.571	GST06-2M□□□080C32	E84DVB□2224S□1N2G	168
11	46	-	269	57	76	1.4	13.016	GST05-2M□□□080C32	E84DVB□2224S□1N2G	168
10	42	-	245	62	83	2.8	14.286	GST06-2M□□□080C32	E84DVB□2224S□1N2G	168
10	42	-	244	63	84	1.3	14.356	GST05-2M□□□080C32	E84DVB□2224S□1N2G	168
9.5	39	-	227	67	90	3.0	15.400	GST06-2M□□□080C32	E84DVB□2224S□1N2G	168
9.0	37	-	216	71	94	1.3	16.190	GST05-2M□□□080C32	E84DVB□2224S□1N2G	168
8.3	34	-	200	76	102	1.2	17.500	GST05-2M□□□080C32	E84DVB□2224S□1N2G	168
8.3	34	-	200	76	102	2.6	17.500	GST06-2M□□□080C32	E84DVB□2224S□1N2G	168
7.3	30	-	175	88	117	1.2	20.044	GST05-2M□□□080C32	E84DVB□2224S□1N2G	168
7.3	30	-	175	88	117	2.6	20.044	GST06-2M□□□080C32	E84DVB□2224S□1N2G	168
6.4	26	-	154	99	133	0.9	22.778	GST05-2M□□□080C32	E84DVB□2224S□1N2G	168





120 Hz: P_N = 2.20 kW

n_{22} / n_2 = 1 ... 24.0

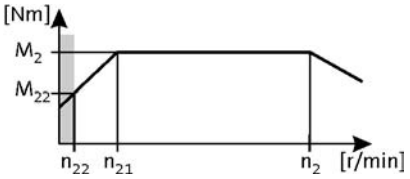
n_1 = 145.8 ... 3500 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
6.4	26	-	154	99	133	2.0	22.778	GST06-2M□□□080C32	E84DVB□2224S□1N2G	168
5.9	24	-	140	109	145	1.0	24.933	GST05-2M□□□080C32	E84DVB□2224S□1N2G	168
5.9	24	-	140	109	145	2.1	24.933	GST06-2M□□□080C32	E84DVB□2224S□1N2G	168
5.2	21	-	124	124	165	1.6	28.333	GST06-2M□□□080C32	E84DVB□2224S□1N2G	168
4.5	19	-	109	141	188	1.7	32.267	GST06-2M□□□080C32	E84DVB□2224S□1N2G	168
4.5	19	-	109	141	188	3.1	32.267	GST07-2M□□□080C32	E84DVB□2224S□1N2G	168
4.0	16	-	96	160	214	1.3	36.667	GST06-2M□□□080C32	E84DVB□2224S□1N2G	168
4.0	16	-	96	160	214	2.8	36.667	GST07-2M□□□080C32	E84DVB□2224S□1N2G	168
3.7	15	-	89	169	225	1.2	39.200	GST06-3M□□□080C32	E84DVB□2224S□1N2G	174
3.7	15	-	89	171	228	1.4	39.160	GST06-2M□□□080C32	E84DVB□2224S□1N2G	168
3.7	15	-	89	171	228	2.4	39.160	GST07-2M□□□080C32	E84DVB□2224S□1N2G	168
3.7	15	-	89	169	225	2.6	39.200	GST07-3M□□□080C32	E84DVB□2224S□1N2G	174
3.3	14	-	80	189	252	1.3	44.000	GST06-3M□□□080C32	E84DVB□2224S□1N2G	174
3.3	14	-	80	189	252	2.7	44.000	GST07-3M□□□080C32	E84DVB□2224S□1N2G	174
3.3	14	-	79	194	259	1.2	44.500	GST06-2M□□□080C32	E84DVB□2224S□1N2G	168
3.3	14	-	79	194	259	2.6	44.500	GST07-2M□□□080C32	E84DVB□2224S□1N2G	168
3.0	12	-	71	216	288	1.6	49.500	GST07-2M□□□080C32	E84DVB□2224S□1N2G	168
2.9	12	-	69	219	293	1.1	51.022	GST06-3M□□□080C32	E84DVB□2224S□1N2G	174
2.9	12	-	69	219	293	2.3	51.022	GST07-3M□□□080C32	E84DVB□2224S□1N2G	174
2.7	11	-	65	232	309	1.1	53.900	GST06-3M□□□080C32	E84DVB□2224S□1N2G	174
2.7	11	-	65	232	309	2.2	53.900	GST07-3M□□□080C32	E84DVB□2224S□1N2G	174
2.6	11	-	62	246	328	1.6	56.250	GST07-2M□□□080C32	E84DVB□2224S□1N2G	168
2.2	9.2	-	54	280	373	1.8	65.079	GST07-3M□□□080C32	E84DVB□2224S□1N2G	174
2.1	8.6	-	50	302	403	1.7	70.156	GST07-3M□□□080C32	E84DVB□2224S□1N2G	174
1.8	7.5	-	44	343	458	1.5	79.762	GST07-3M□□□080C32	E84DVB□2224S□1N2G	174
1.8	7.4	-	43	351	469	3.2	81.667	GST09-3M□□□080C32	E84DVB□2224S□1N2G	174
1.7	7.0	-	41	370	493	1.4	85.983	GST07-3M□□□080C32	E84DVB□2224S□1N2G	174
1.6	6.4	-	37	402	537	2.9	93.541	GST09-3M□□□080C32	E84DVB□2224S□1N2G	174
1.5	6.1	-	36	420	561	1.2	97.708	GST07-3M□□□080C32	E84DVB□2224S□1N2G	174
1.5	6.1	-	35	427	569	2.7	99.167	GST09-3M□□□080C32	E84DVB□2224S□1N2G	174
1.3	5.4	-	31	481	642	1.0	111.915	GST07-3M□□□080C32	E84DVB□2224S□1N2G	174
1.3	5.3	-	31	489	652	2.4	113.585	GST09-3M□□□080C32	E84DVB□2224S□1N2G	174
1.2	4.7	-	28	547	730	0.9	127.176	GST07-3M□□□080C32	E84DVB□2224S□1N2G	174
1.1	4.7	-	27	555	741	2.1	129.074	GST09-3M□□□080C32	E84DVB□2224S□1N2G	174
1.0	4.3	-	25	608	811	1.9	141.289	GST09-3M□□□080C32	E84DVB□2224S□1N2G	174
1.0	4.1	-	24	632	843	3.0	146.993	GST11-3M□□□080C32	E84DVB□2224S□1N2G	174
0.9	3.7	-	22	691	921	1.7	160.556	GST09-3M□□□080C32	E84DVB□2224S□1N2G	174
0.9	3.8	-	22	680	908	2.9	158.194	GST11-3M□□□080C32	E84DVB□2224S□1N2G	174
0.8	3.3	-	19	786	1049	1.5	182.844	GST09-3M□□□080C32	E84DVB□2224S□1N2G	174
0.8	3.3	-	19	775	1034	2.5	180.156	GST11-3M□□□080C32	E84DVB□2224S□1N2G	174
0.7	2.9	-	17	894	1192	1.3	207.778	GST09-3M□□□080C32	E84DVB□2224S□1N2G	174

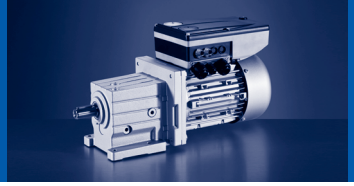
120 Hz: P_N = 2.20 kW

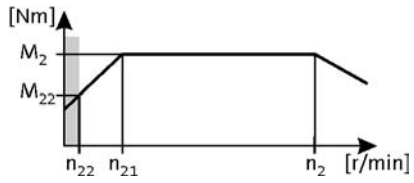
n_{22} / n_2 = 1 ... 24.0

n_1 = 145.8 ... 3500 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
0.7	2.9	-	17	894	1192	2.2	207.778	GST11-3M□□□080C32	E84DVB□2224S□1N2G	174
0.6	2.5	-	15	1018	1357	1.1	236.622	GST09-3M□□□080C32	E84DVB□2224S□1N2G	174
0.6	2.5	-	15	1018	1357	1.9	236.622	GST11-3M□□□080C32	E84DVB□2224S□1N2G	174
0.6	2.4	-	14	1084	1447	1.1	252.167	GST09-3M□□□080C32	E84DVB□2224S□1N2G	174
0.6	2.4	-	14	1084	1447	1.8	252.167	GST11-3M□□□080C32	E84DVB□2224S□1N2G	174
0.5	2.2	-	13	1156	1543	1.0	268.889	GST09-3M□□□080C32	E84DVB□2224S□1N2G	174
0.5	2.2	-	13	1156	1543	1.8	268.889	GST11-3M□□□080C32	E84DVB□2224S□1N2G	174
0.5	1.8	-	11	1403	1872	1.4	326.333	GST11-3M□□□080C32	E84DVB□2224S□1N2G	174
0.4	1.7	-	9.6	1561	2082	1.2	363.000	GST11-3M□□□080C32	E84DVB□2224S□1N2G	174
0.4	1.5	-	8.5	1774	2366	1.1	412.500	GST11-3M□□□080C32	E84DVB□2224S□1N2G	174





120 Hz: P_N = 3.00 kW

n_{22} / n_2 = 1 ... 24.0

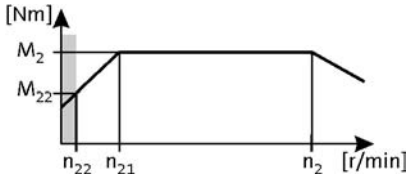
n_1 = 145.0 ... 3480 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
71	440	-	1700	13	17	1.0	2.048	GST04-1M□□□080C42	E84DVB□3024S□1N2G	162
71	440	-	1700	13	17	2.4	2.048	GST05-1M□□□080C42	E84DVB□3024S□1N2G	162
71	440	-	1700	13	17	3.1	2.048	GST06-1M□□□080C42	E84DVB□3024S□1N2G	162
65	402	-	1554	14	18	1.0	2.240	GST04-1M□□□080C42	E84DVB□3024S□1N2G	162
65	402	-	1554	14	18	2.2	2.240	GST05-1M□□□080C42	E84DVB□3024S□1N2G	162
65	402	-	1554	14	18	3.1	2.240	GST06-1M□□□080C42	E84DVB□3024S□1N2G	162
51	315	-	1218	17	23	1.7	2.857	GST05-1M□□□080C42	E84DVB□3024S□1N2G	162
51	315	-	1218	17	23	2.9	2.857	GST06-1M□□□080C42	E84DVB□3024S□1N2G	162
51	315	-	1218	17	23	3.1	2.857	GST07-1M□□□080C42	E84DVB□3024S□1N2G	162
41	257	-	994	21	28	1.4	3.500	GST05-1M□□□080C42	E84DVB□3024S□1N2G	162
41	257	-	994	21	28	2.6	3.500	GST06-1M□□□080C42	E84DVB□3024S□1N2G	162
32	198	-	764	28	37	1.1	4.556	GST05-1M□□□080C42	E84DVB□3024S□1N2G	162
32	198	-	764	28	37	2.1	4.556	GST06-1M□□□080C42	E84DVB□3024S□1N2G	162
32	198	-	764	28	37	2.6	4.556	GST07-1M□□□080C42	E84DVB□3024S□1N2G	162
28	174	-	671	31	41	0.9	5.187	GST04-2M□□□080C42	E84DVB□3024S□1N2G	168
28	174	-	671	31	41	1.6	5.187	GST05-2M□□□080C42	E84DVB□3024S□1N2G	168
27	169	-	654	32	43	3.1	5.324	GST06-2M□□□080C42	E84DVB□3024S□1N2G	168
26	161	-	623	34	45	2.1	5.583	GST07-1M□□□080C42	E84DVB□3024S□1N2G	162
26	159	-	614	35	46	1.7	5.667	GST06-1M□□□080C42	E84DVB□3024S□1N2G	162
25	154	-	595	35	47	1.6	5.850	GST05-2M□□□080C42	E84DVB□3024S□1N2G	168
25	154	-	595	35	47	3.1	5.850	GST06-2M□□□080C42	E84DVB□3024S□1N2G	168
23	141	-	544	38	51	1.5	6.400	GST05-2M□□□080C42	E84DVB□3024S□1N2G	168
23	141	-	544	38	51	3.1	6.400	GST06-2M□□□080C42	E84DVB□3024S□1N2G	168
20	124	-	481	43	58	1.4	7.238	GST05-2M□□□080C42	E84DVB□3024S□1N2G	168
20	123	-	475	45	60	1.3	7.333	GST06-1M□□□080C42	E84DVB□3024S□1N2G	162
20	123	-	475	45	60	2.0	7.333	GST07-1M□□□080C42	E84DVB□3024S□1N2G	162
18	110	-	426	49	65	1.3	8.163	GST05-2M□□□080C42	E84DVB□3024S□1N2G	168
18	110	-	426	49	65	2.9	8.163	GST06-2M□□□080C42	E84DVB□3024S□1N2G	168
16	101	-	391	54	72	1.6	8.900	GST07-1M□□□080C42	E84DVB□3024S□1N2G	162
16	100	-	386	54	72	1.2	9.010	GST05-2M□□□080C42	E84DVB□3024S□1N2G	168
16	100	-	386	54	72	2.7	9.010	GST06-2M□□□080C42	E84DVB□3024S□1N2G	168
15	90	-	348	60	80	1.2	10.000	GST05-2M□□□080C42	E84DVB□3024S□1N2G	168
15	90	-	348	60	80	2.5	10.000	GST06-2M□□□080C42	E84DVB□3024S□1N2G	168
13	80	-	311	67	90	1.1	11.200	GST05-2M□□□080C42	E84DVB□3024S□1N2G	168
13	80	-	311	67	90	2.4	11.200	GST06-2M□□□080C42	E84DVB□3024S□1N2G	168
13	80	-	309	68	91	0.9	11.250	GST07-1M□□□080C42	E84DVB□3024S□1N2G	162
12	72	-	277	75	100	2.2	12.571	GST06-2M□□□080C42	E84DVB□3024S□1N2G	168
12	72	-	277	75	100	3.1	12.571	GST07-2M□□□080C42	E84DVB□3024S□1N2G	168
11	69	-	267	78	104	1.0	13.016	GST05-2M□□□080C42	E84DVB□3024S□1N2G	168
10	63	-	244	86	114	2.0	14.286	GST06-2M□□□080C42	E84DVB□3024S□1N2G	168
10	63	-	244	86	114	3.1	14.286	GST07-2M□□□080C42	E84DVB□3024S□1N2G	168

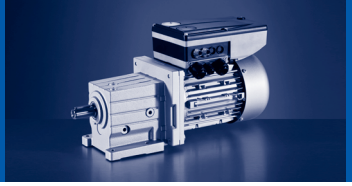
120 Hz: P_N = 3.00 kW

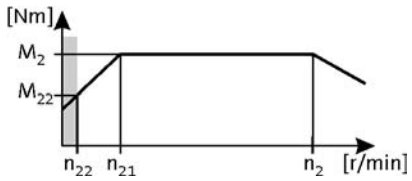
n_{22} / n_2 = 1 ... 24.0

n_1 = 145.0 ... 3480 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
10	63	-	242	86	115	0.9	14.356	GST05-2M□□□080C42	E84DVB□3024S□1N2G	168
9.4	58	-	226	92	123	2.2	15.400	GST06-2M□□□080C42	E84DVB□3024S□1N2G	168
9.0	56	-	215	97	129	1.0	16.190	GST05-2M□□□080C42	E84DVB□3024S□1N2G	168
8.3	51	-	199	105	140	1.9	17.500	GST06-2M□□□080C42	E84DVB□3024S□1N2G	168
7.2	45	-	174	120	160	1.9	20.044	GST06-2M□□□080C42	E84DVB□3024S□1N2G	168
7.2	45	-	174	120	160	2.9	20.044	GST07-2M□□□080C42	E84DVB□3024S□1N2G	168
6.4	40	-	153	137	182	1.5	22.778	GST06-2M□□□080C42	E84DVB□3024S□1N2G	168
6.4	40	-	153	137	182	2.9	22.778	GST07-2M□□□080C42	E84DVB□3024S□1N2G	168
5.9	37	-	142	147	196	2.4	24.567	GST07-2M□□□080C42	E84DVB□3024S□1N2G	168
5.8	36	-	140	149	199	1.6	24.933	GST06-2M□□□080C42	E84DVB□3024S□1N2G	168
5.2	32	-	125	167	223	2.4	27.917	GST07-2M□□□080C42	E84DVB□3024S□1N2G	168
5.1	32	-	123	170	226	1.2	28.333	GST06-2M□□□080C42	E84DVB□3024S□1N2G	168
4.5	28	-	108	193	258	1.2	32.267	GST06-2M□□□080C42	E84DVB□3024S□1N2G	168
4.5	28	-	108	193	258	2.3	32.267	GST07-2M□□□080C42	E84DVB□3024S□1N2G	168
4.0	25	-	95	220	293	0.9	36.667	GST06-2M□□□080C42	E84DVB□3024S□1N2G	168
4.0	25	-	95	220	293	2.1	36.667	GST07-2M□□□080C42	E84DVB□3024S□1N2G	168
3.7	23	-	89	235	313	1.0	39.160	GST06-2M□□□080C42	E84DVB□3024S□1N2G	168
3.7	23	-	89	235	313	1.8	39.160	GST07-2M□□□080C42	E84DVB□3024S□1N2G	168
3.7	23	-	89	231	308	1.9	39.200	GST07-3M□□□080C42	E84DVB□3024S□1N2G	174
3.3	21	-	79	260	346	0.9	44.000	GST06-3M□□□080C42	E84DVB□3024S□1N2G	174
3.3	21	-	79	260	346	1.9	44.000	GST07-3M□□□080C42	E84DVB□3024S□1N2G	174
3.3	20	-	78	267	355	1.9	44.500	GST07-2M□□□080C42	E84DVB□3024S□1N2G	168
2.9	18	-	70	297	395	1.2	49.500	GST07-2M□□□080C42	E84DVB□3024S□1N2G	168
2.8	18	-	68	301	401	1.7	51.022	GST07-3M□□□080C42	E84DVB□3024S□1N2G	174
2.7	17	-	66	313	417	3.1	53.044	GST09-3M□□□080C42	E84DVB□3024S□1N2G	174
2.7	17	-	65	318	424	1.6	53.900	GST07-3M□□□080C42	E84DVB□3024S□1N2G	174
2.6	16	-	62	337	449	1.2	56.250	GST07-2M□□□080C42	E84DVB□3024S□1N2G	168
2.4	15	-	58	356	474	3.1	60.278	GST09-3M□□□080C42	E84DVB□3024S□1N2G	174
2.2	14	-	54	384	512	1.3	65.079	GST07-3M□□□080C42	E84DVB□3024S□1N2G	174
2.1	13	-	50	414	552	1.2	70.156	GST07-3M□□□080C42	E84DVB□3024S□1N2G	174
2.0	13	-	48	424	565	2.5	71.867	GST09-3M□□□080C42	E84DVB□3024S□1N2G	174
1.8	11	-	44	471	628	1.1	79.762	GST07-3M□□□080C42	E84DVB□3024S□1N2G	174
1.8	11	-	43	482	643	2.3	81.667	GST09-3M□□□080C42	E84DVB□3024S□1N2G	174
1.7	11	-	41	507	677	1.0	85.983	GST07-3M□□□080C42	E84DVB□3024S□1N2G	174
1.6	9.6	-	37	552	736	2.1	93.541	GST09-3M□□□080C42	E84DVB□3024S□1N2G	174
1.5	9.1	-	35	585	780	1.9	99.167	GST09-3M□□□080C42	E84DVB□3024S□1N2G	174
1.3	7.9	-	31	670	894	1.7	113.585	GST09-3M□□□080C42	E84DVB□3024S□1N2G	174
1.1	7.0	-	27	762	1016	1.5	129.074	GST09-3M□□□080C42	E84DVB□3024S□1N2G	174
1.1	7.0	-	27	762	1016	2.6	129.074	GST11-3M□□□080C42	E84DVB□3024S□1N2G	174
1.0	6.4	-	25	834	1112	1.4	141.289	GST09-3M□□□080C42	E84DVB□3024S□1N2G	174
1.0	6.1	-	24	867	1157	2.2	146.993	GST11-3M□□□080C42	E84DVB□3024S□1N2G	174





120 Hz: P_N = 3.00 kW

n_{22} / n_2 = 1 ... 24.0

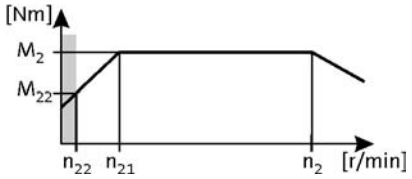
n_1 = 145.0 ... 3480 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
0.9	5.6	-	22	947	1263	1.2	160.556	GST09-3M□□□080C42	E84DVB□3024S□1N2G	174
0.9	5.7	-	22	934	1245	2.1	158.194	GST11-3M□□□080C42	E84DVB□3024S□1N2G	174
0.8	4.9	-	19	1079	1439	1.1	182.844	GST09-3M□□□080C42	E84DVB□3024S□1N2G	174
0.8	5.0	-	19	1063	1417	1.8	180.156	GST11-3M□□□080C42	E84DVB□3024S□1N2G	174
0.7	4.3	-	17	1226	1635	0.9	207.778	GST09-3M□□□080C42	E84DVB□3024S□1N2G	174
0.7	4.3	-	17	1226	1635	1.6	207.778	GST11-3M□□□080C42	E84DVB□3024S□1N2G	174
0.6	3.8	-	15	1396	1862	1.4	236.622	GST11-3M□□□080C42	E84DVB□3024S□1N2G	174
0.6	3.6	-	14	1488	1984	1.3	252.167	GST11-3M□□□080C42	E84DVB□3024S□1N2G	174
0.5	3.4	-	13	1587	2116	1.3	268.889	GST11-3M□□□080C42	E84DVB□3024S□1N2G	174
0.4	2.8	-	11	1926	2568	1.1	326.333	GST11-3M□□□080C42	E84DVB□3024S□1N2G	174

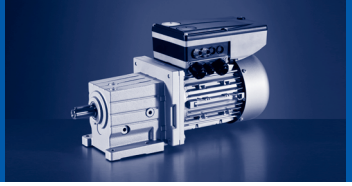
50 Hz: P_N = 0.75 kW

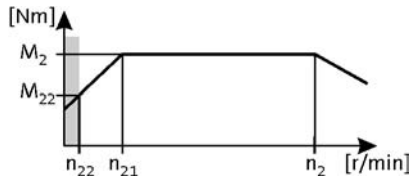
n_{22} / n_2 = 1 ... 10.0

n_1 = 141.0 ... 1410 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
88	375	-	881	6.2	8.0	2.4	1.600	GST04-1M □□□080C32	E84DVB□7514S□1N2G	180
69	293	-	689	7.9	10	2.2	2.048	GST04-1M □□□080C32	E84DVB□7514S□1N2G	180
63	268	-	630	8.6	11	2.2	2.240	GST04-1M □□□080C32	E84DVB□7514S□1N2G	180
49	210	-	494	11	14	1.8	2.857	GST04-1M □□□080C32	E84DVB□7514S□1N2G	180
48	203	-	477	11	15	2.7	2.956	GST04-2M □□□080C32	E84DVB□7514S□1N2G	186
42	180	-	423	13	16	2.5	3.333	GST04-2M □□□080C32	E84DVB□7514S□1N2G	186
40	171	-	403	14	18	1.4	3.500	GST04-1M □□□080C32	E84DVB□7514S□1N2G	180
40	171	-	403	14	18	3.1	3.500	GST05-1M □□□080C32	E84DVB□7514S□1N2G	180
35	148	-	348	15	20	2.3	4.053	GST04-2M □□□080C32	E84DVB□7514S□1N2G	186
32	136	-	321	17	22	1.1	4.400	GST04-1M □□□080C32	E84DVB□7514S□1N2G	180
31	132	-	310	18	23	2.4	4.556	GST05-1M □□□080C32	E84DVB□7514S□1N2G	180
31	131	-	308	17	23	2.1	4.571	GST04-2M □□□080C32	E84DVB□7514S□1N2G	186
27	116	-	272	20	26	2.0	5.187	GST04-2M □□□080C32	E84DVB□7514S□1N2G	186
25	106	-	249	22	28	0.9	5.667	GST04-1M □□□080C32	E84DVB□7514S□1N2G	180
25	106	-	249	22	28	1.9	5.667	GST05-1M □□□080C32	E84DVB□7514S□1N2G	180
25	106	-	249	22	28	2.9	5.667	GST06-1M □□□080C32	E84DVB□7514S□1N2G	180
24	103	-	241	22	29	1.9	5.850	GST04-2M □□□080C32	E84DVB□7514S□1N2G	186
22	94	-	220	24	32	1.8	6.400	GST04-2M □□□080C32	E84DVB□7514S□1N2G	186
20	85	-	200	27	35	1.6	7.040	GST04-2M □□□080C32	E84DVB□7514S□1N2G	186
20	83	-	195	28	36	3.0	7.238	GST05-2M □□□080C32	E84DVB□7514S□1N2G	186
19	82	-	192	28	37	1.3	7.333	GST05-1M □□□080C32	E84DVB□7514S□1N2G	180
19	82	-	192	28	37	2.6	7.333	GST06-1M □□□080C32	E84DVB□7514S□1N2G	180
19	82	-	192	28	37	2.9	7.333	GST07-1M □□□080C32	E84DVB□7514S□1N2G	180
18	75	-	176	30	39	1.5	8.000	GST04-2M □□□080C32	E84DVB□7514S□1N2G	186
17	74	-	173	31	40	2.9	8.163	GST05-2M □□□080C32	E84DVB□7514S□1N2G	186
16	67	-	158	34	45	1.0	8.900	GST05-1M □□□080C32	E84DVB□7514S□1N2G	180
16	67	-	158	34	45	1.9	8.900	GST06-1M □□□080C32	E84DVB□7514S□1N2G	180
16	67	-	158	34	45	2.5	8.900	GST07-1M □□□080C32	E84DVB□7514S□1N2G	180
16	67	-	157	34	44	1.4	9.010	GST04-2M □□□080C32	E84DVB□7514S□1N2G	186
16	67	-	157	34	44	2.7	9.010	GST05-2M □□□080C32	E84DVB□7514S□1N2G	186
14	61	-	143	37	49	1.3	9.856	GST04-2M □□□080C32	E84DVB□7514S□1N2G	186
14	60	-	141	38	49	2.5	10.000	GST05-2M □□□080C32	E84DVB□7514S□1N2G	186
13	54	-	126	43	55	1.1	11.200	GST04-2M □□□080C32	E84DVB□7514S□1N2G	186
13	54	-	126	43	55	2.3	11.200	GST05-2M □□□080C32	E84DVB□7514S□1N2G	186
13	53	-	125	43	56	1.1	11.250	GST06-1M □□□080C32	E84DVB□7514S□1N2G	180
13	53	-	125	43	56	2.0	11.250	GST07-1M □□□080C32	E84DVB□7514S□1N2G	180
11	48	-	112	48	62	1.1	12.571	GST04-2M □□□080C32	E84DVB□7514S□1N2G	186
11	46	-	108	49	64	2.1	13.016	GST05-2M □□□080C32	E84DVB□7514S□1N2G	186
9.9	42	-	99	54	70	0.9	14.286	GST04-2M □□□080C32	E84DVB□7514S□1N2G	186
9.8	42	-	98	55	71	2.0	14.356	GST05-2M □□□080C32	E84DVB□7514S□1N2G	186
9.2	39	-	92	58	76	0.9	15.400	GST04-2M □□□080C32	E84DVB□7514S□1N2G	186





50 Hz: P_N = 0.75 kW

n_{22} / n_2 = 1 ... 10.0

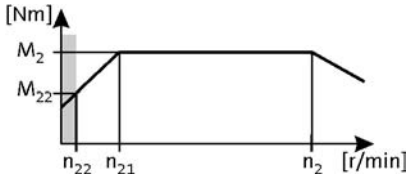
n_1 = 141.0 ... 1410 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
8.7	37	-	87	61	80	1.9	16.190	GST05-2M □□□080C32	E84DVB□7514S□1N2G	186
8.1	34	-	81	66	86	1.7	17.500	GST05-2M □□□080C32	E84DVB□7514S□1N2G	186
7.0	30	-	70	76	99	1.6	20.044	GST05-2M □□□080C32	E84DVB□7514S□1N2G	186
6.2	26	-	62	86	112	1.3	22.778	GST05-2M □□□080C32	E84DVB□7514S□1N2G	186
6.2	26	-	62	86	112	2.8	22.778	GST06-2M □□□080C32	E84DVB□7514S□1N2G	186
5.7	24	-	57	95	123	1.3	24.933	GST05-2M □□□080C32	E84DVB□7514S□1N2G	186
5.7	24	-	57	95	123	2.9	24.933	GST06-2M □□□080C32	E84DVB□7514S□1N2G	186
5.0	21	-	50	108	140	1.1	28.333	GST05-2M □□□080C32	E84DVB□7514S□1N2G	186
5.0	21	-	50	108	140	2.3	28.333	GST06-2M □□□080C32	E84DVB□7514S□1N2G	186
4.4	19	-	44	123	159	1.0	32.267	GST05-2M □□□080C32	E84DVB□7514S□1N2G	186
4.4	19	-	44	123	159	2.3	32.267	GST06-2M □□□080C32	E84DVB□7514S□1N2G	186
4.4	19	-	44	123	159	2.9	32.267	GST07-2M □□□080C32	E84DVB□7514S□1N2G	186
3.9	16	-	39	139	181	0.8	36.667	GST05-2M □□□080C32	E84DVB□7514S□1N2G	186
3.9	16	-	39	139	181	1.8	36.667	GST06-2M □□□080C32	E84DVB□7514S□1N2G	186
3.9	16	-	39	139	181	2.9	36.667	GST07-2M □□□080C32	E84DVB□7514S□1N2G	186
3.6	15	-	36	149	193	0.9	39.160	GST05-2M □□□080C32	E84DVB□7514S□1N2G	186
3.6	15	-	36	147	190	1.7	39.200	GST06-3M □□□080C32	E84DVB□7514S□1N2G	192
3.6	15	-	36	149	193	1.9	39.160	GST06-2M □□□080C32	E84DVB□7514S□1N2G	186
3.6	15	-	36	149	193	2.5	39.160	GST07-2M □□□080C32	E84DVB□7514S□1N2G	186
3.2	14	-	32	169	219	1.5	44.500	GST06-2M □□□080C32	E84DVB□7514S□1N2G	186
3.2	14	-	32	165	214	1.6	44.000	GST06-3M □□□080C32	E84DVB□7514S□1N2G	192
3.2	14	-	32	169	219	2.5	44.500	GST07-2M □□□080C32	E84DVB□7514S□1N2G	186
2.9	12	-	29	188	244	1.1	49.500	GST06-2M □□□080C32	E84DVB□7514S□1N2G	186
2.9	12	-	29	188	244	2.0	49.500	GST07-2M □□□080C32	E84DVB□7514S□1N2G	186
2.8	12	-	28	191	248	1.3	51.022	GST06-3M □□□080C32	E84DVB□7514S□1N2G	192
2.8	12	-	28	191	248	2.8	51.022	GST07-3M □□□080C32	E84DVB□7514S□1N2G	192
2.6	11	-	26	202	262	1.3	53.900	GST06-3M □□□080C32	E84DVB□7514S□1N2G	192
2.6	11	-	26	202	262	2.7	53.900	GST07-3M □□□080C32	E84DVB□7514S□1N2G	192
2.5	11	-	25	214	277	1.1	56.250	GST06-2M □□□080C32	E84DVB□7514S□1N2G	186
2.5	11	-	25	214	277	2.0	56.250	GST07-2M □□□080C32	E84DVB□7514S□1N2G	186
2.2	9.2	-	22	243	316	2.2	65.079	GST07-3M □□□080C32	E84DVB□7514S□1N2G	192
2.1	8.9	-	21	253	329	1.1	67.760	GST06-3M □□□080C32	E84DVB□7514S□1N2G	192
2.0	8.6	-	20	262	341	1.1	70.156	GST06-3M □□□080C32	E84DVB□7514S□1N2G	192
2.0	8.6	-	20	262	341	2.1	70.156	GST07-3M □□□080C32	E84DVB□7514S□1N2G	192
1.8	7.5	-	18	298	387	1.8	79.762	GST07-3M □□□080C32	E84DVB□7514S□1N2G	192
1.7	7.4	-	17	303	393	0.9	80.952	GST06-3M □□□080C32	E84DVB□7514S□1N2G	192
1.6	6.9	-	16	326	424	0.9	87.267	GST06-3M □□□080C32	E84DVB□7514S□1N2G	192
1.6	7.0	-	16	321	417	1.7	85.983	GST07-3M □□□080C32	E84DVB□7514S□1N2G	192
1.4	6.1	-	14	365	474	1.5	97.708	GST07-3M □□□080C32	E84DVB□7514S□1N2G	192
1.3	5.4	-	13	418	543	1.3	111.915	GST07-3M □□□080C32	E84DVB□7514S□1N2G	192
1.2	5.3	-	12	425	551	2.9	113.585	GST09-3M □□□080C32	E84DVB□7514S□1N2G	192

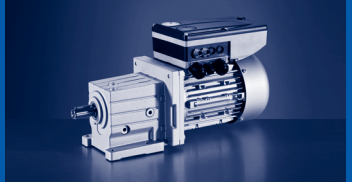
50 Hz: P_N = 0.75 kW

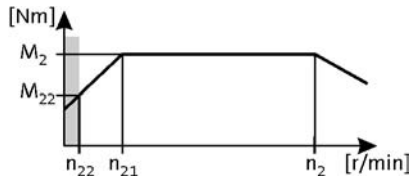
n_{22} / n_2 = 1 ... 10.0

n_1 = 141.0 ... 1410 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
1.1	4.7	-	11	475	617	1.2	127.176	GST07-3M □□□080C32	E84DVB□7514S□1N2G	192
1.1	4.7	-	11	483	627	2.6	129.074	GST09-3M □□□080C32	E84DVB□7514S□1N2G	192
1.0	4.3	-	10	520	676	1.0	139.211	GST07-3M □□□080C32	E84DVB□7514S□1N2G	192
1.0	4.3	-	10	528	686	2.4	141.289	GST09-3M □□□080C32	E84DVB□7514S□1N2G	192
0.9	3.8	-	8.9	591	768	0.9	158.194	GST07-3M □□□080C32	E84DVB□7514S□1N2G	192
0.9	3.7	-	8.8	600	779	2.1	160.556	GST09-3M □□□080C32	E84DVB□7514S□1N2G	192
0.8	3.3	-	7.8	673	875	0.8	180.156	GST07-3M □□□080C32	E84DVB□7514S□1N2G	192
0.8	3.3	-	7.7	684	888	1.8	182.844	GST09-3M □□□080C32	E84DVB□7514S□1N2G	192
0.7	2.9	-	6.8	777	1009	1.6	207.778	GST09-3M □□□080C32	E84DVB□7514S□1N2G	192
0.7	2.9	-	6.8	777	1009	2.8	207.778	GST11-3M □□□080C32	E84DVB□7514S□1N2G	192
0.6	2.5	-	6.0	885	1149	1.4	236.622	GST09-3M □□□080C32	E84DVB□7514S□1N2G	192
0.6	2.5	-	6.0	885	1149	2.4	236.622	GST11-3M □□□080C32	E84DVB□7514S□1N2G	192
0.6	2.4	-	5.6	943	1224	1.3	252.167	GST09-3M □□□080C32	E84DVB□7514S□1N2G	192
0.6	2.4	-	5.6	943	1224	2.3	252.167	GST11-3M □□□080C32	E84DVB□7514S□1N2G	192
0.5	2.2	-	5.2	1005	1305	1.2	268.889	GST09-3M □□□080C32	E84DVB□7514S□1N2G	192
0.5	2.2	-	5.2	1005	1305	2.2	268.889	GST11-3M □□□080C32	E84DVB□7514S□1N2G	192
0.4	1.8	-	4.3	1220	1584	1.0	326.333	GST09-3M □□□080C32	E84DVB□7514S□1N2G	192
0.4	1.8	-	4.3	1220	1584	1.8	326.333	GST11-3M □□□080C32	E84DVB□7514S□1N2G	192
0.4	1.7	-	3.9	1357	1762	0.9	363.000	GST09-3M □□□080C32	E84DVB□7514S□1N2G	192
0.4	1.7	-	3.9	1357	1762	1.5	363.000	GST11-3M □□□080C32	E84DVB□7514S□1N2G	192
0.3	1.5	-	3.4	1542	2002	0.8	412.500	GST09-3M □□□080C32	E84DVB□7514S□1N2G	192
0.3	1.5	-	3.4	1542	2002	1.4	412.500	GST11-3M □□□080C32	E84DVB□7514S□1N2G	192





50 Hz: P_N = 1.10 kW

n_{22} / n_2 = 1 ... 10.0

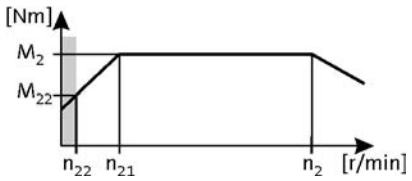
n_1 = 143.0 ... 1430 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
89	375	-	894	8.1	12	1.7	1.600	GST04-1M □□□090C12	E84DVB□1124S□1N2G	180
70	293	-	698	10	15	1.5	2.048	GST04-1M □□□090C12	E84DVB□1124S□1N2G	180
64	268	-	638	11	16	1.5	2.240	GST04-1M □□□090C12	E84DVB□1124S□1N2G	180
50	210	-	501	15	21	1.2	2.857	GST04-1M □□□090C12	E84DVB□1124S□1N2G	180
50	210	-	501	15	21	2.6	2.857	GST05-1M □□□090C12	E84DVB□1124S□1N2G	180
48	203	-	484	15	21	1.9	2.956	GST04-2M □□□090C12	E84DVB□1124S□1N2G	186
48	203	-	484	15	21	3.0	2.956	GST05-2M □□□090C12	E84DVB□1124S□1N2G	186
43	180	-	429	17	24	1.8	3.333	GST04-2M □□□090C12	E84DVB□1124S□1N2G	186
41	171	-	409	18	25	1.0	3.500	GST04-1M □□□090C12	E84DVB□1124S□1N2G	180
41	171	-	409	18	25	2.1	3.500	GST05-1M □□□090C12	E84DVB□1124S□1N2G	180
35	148	-	353	20	29	1.6	4.053	GST04-2M □□□090C12	E84DVB□1124S□1N2G	186
35	148	-	353	20	29	2.8	4.053	GST05-2M □□□090C12	E84DVB□1124S□1N2G	186
31	132	-	314	23	33	1.6	4.556	GST05-1M □□□090C12	E84DVB□1124S□1N2G	180
31	132	-	314	23	33	3.2	4.556	GST06-1M □□□090C12	E84DVB□1124S□1N2G	180
31	131	-	313	23	33	1.5	4.571	GST04-2M □□□090C12	E84DVB□1124S□1N2G	186
31	131	-	313	23	33	2.8	4.571	GST05-2M □□□090C12	E84DVB□1124S□1N2G	186
28	116	-	276	26	37	1.4	5.187	GST04-2M □□□090C12	E84DVB□1124S□1N2G	186
28	116	-	276	26	37	2.4	5.187	GST05-2M □□□090C12	E84DVB□1124S□1N2G	186
25	106	-	252	29	41	1.3	5.667	GST05-1M □□□090C12	E84DVB□1124S□1N2G	180
25	106	-	252	29	41	2.6	5.667	GST06-1M □□□090C12	E84DVB□1124S□1N2G	180
24	103	-	244	29	42	1.3	5.850	GST04-2M □□□090C12	E84DVB□1124S□1N2G	186
24	103	-	244	29	42	2.4	5.850	GST05-2M □□□090C12	E84DVB□1124S□1N2G	186
22	94	-	223	32	46	1.2	6.400	GST04-2M □□□090C12	E84DVB□1124S□1N2G	186
22	94	-	223	32	46	2.3	6.400	GST05-2M □□□090C12	E84DVB□1124S□1N2G	186
20	85	-	203	35	50	1.1	7.040	GST04-2M □□□090C12	E84DVB□1124S□1N2G	186
20	83	-	198	36	52	2.1	7.238	GST05-2M □□□090C12	E84DVB□1124S□1N2G	186
20	82	-	195	37	53	1.9	7.333	GST06-1M □□□090C12	E84DVB□1124S□1N2G	180
18	75	-	179	40	57	1.0	8.000	GST04-2M □□□090C12	E84DVB□1124S□1N2G	186
18	74	-	175	41	58	2.0	8.163	GST05-2M □□□090C12	E84DVB□1124S□1N2G	186
16	67	-	161	45	64	1.3	8.900	GST06-1M □□□090C12	E84DVB□1124S□1N2G	180
16	67	-	161	45	64	2.8	8.900	GST07-1M □□□090C12	E84DVB□1124S□1N2G	180
16	67	-	159	45	64	1.0	9.010	GST04-2M □□□090C12	E84DVB□1124S□1N2G	186
16	67	-	159	45	64	1.9	9.010	GST05-2M □□□090C12	E84DVB□1124S□1N2G	186
15	61	-	145	49	70	0.9	9.856	GST04-2M □□□090C12	E84DVB□1124S□1N2G	186
14	60	-	143	50	71	1.7	10.000	GST05-2M □□□090C12	E84DVB□1124S□1N2G	186
13	54	-	128	56	80	1.6	11.200	GST05-2M □□□090C12	E84DVB□1124S□1N2G	186
13	53	-	127	57	81	1.7	11.250	GST07-1M □□□090C12	E84DVB□1124S□1N2G	180
13	53	-	127	57	81	2.7	11.250	GST09-1M □□□090C12	E84DVB□1124S□1N2G	180
11	46	-	110	65	93	1.5	13.016	GST05-2M □□□090C12	E84DVB□1124S□1N2G	186
10	42	-	100	72	102	1.4	14.356	GST05-2M □□□090C12	E84DVB□1124S□1N2G	186
10	42	-	100	71	102	3.0	14.286	GST06-2M □□□090C12	E84DVB□1124S□1N2G	186

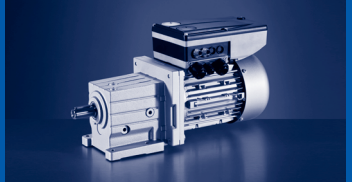
50 Hz: P_N = 1.10 kW

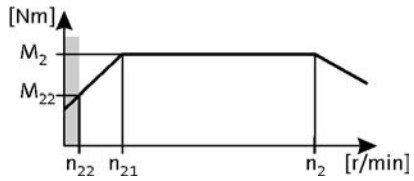
n_{22} / n_2 = 1 ... 10.0

n_1 = 143.0 ... 1430 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
9.3	39	-	93	77	110	2.9	15.400	GST06-2M □□□090C12	E84DVB□1124S□1N2G	186
8.8	37	-	88	81	115	1.3	16.190	GST05-2M □□□090C12	E84DVB□1124S□1N2G	186
8.2	34	-	82	87	125	1.1	17.500	GST05-2M □□□090C12	E84DVB□1124S□1N2G	186
8.2	34	-	82	87	125	2.5	17.500	GST06-2M □□□090C12	E84DVB□1124S□1N2G	186
7.1	30	-	71	100	143	1.1	20.044	GST05-2M □□□090C12	E84DVB□1124S□1N2G	186
7.1	30	-	71	100	143	2.5	20.044	GST06-2M □□□090C12	E84DVB□1124S□1N2G	186
6.3	26	-	63	114	162	0.9	22.778	GST05-2M □□□090C12	E84DVB□1124S□1N2G	186
6.3	26	-	63	114	162	1.9	22.778	GST06-2M □□□090C12	E84DVB□1124S□1N2G	186
5.7	24	-	57	124	178	0.9	24.933	GST05-2M □□□090C12	E84DVB□1124S□1N2G	186
5.7	24	-	57	124	178	2.0	24.933	GST06-2M □□□090C12	E84DVB□1124S□1N2G	186
5.1	21	-	51	141	202	1.6	28.333	GST06-2M □□□090C12	E84DVB□1124S□1N2G	186
4.4	19	-	44	161	230	1.6	32.267	GST06-2M □□□090C12	E84DVB□1124S□1N2G	186
4.4	19	-	44	161	230	3.1	32.267	GST07-2M □□□090C12	E84DVB□1124S□1N2G	186
3.9	16	-	39	183	261	1.2	36.667	GST06-2M □□□090C12	E84DVB□1124S□1N2G	186
3.9	16	-	39	183	261	2.7	36.667	GST07-2M □□□090C12	E84DVB□1124S□1N2G	186
3.7	15	-	37	193	275	1.2	39.200	GST06-3M □□□090C12	E84DVB□1124S□1N2G	192
3.7	15	-	37	195	279	1.3	39.160	GST06-2M □□□090C12	E84DVB□1124S□1N2G	186
3.7	15	-	37	193	275	2.5	39.200	GST07-3M □□□090C12	E84DVB□1124S□1N2G	192
3.7	15	-	37	195	279	2.5	39.160	GST07-2M □□□090C12	E84DVB□1124S□1N2G	186
3.3	14	-	33	216	309	1.1	44.000	GST06-3M □□□090C12	E84DVB□1124S□1N2G	192
3.3	14	-	33	216	309	2.3	44.000	GST07-3M □□□090C12	E84DVB□1124S□1N2G	192
3.2	14	-	32	222	317	1.0	44.500	GST06-2M □□□090C12	E84DVB□1124S□1N2G	186
3.2	14	-	32	222	317	2.2	44.500	GST07-2M □□□090C12	E84DVB□1124S□1N2G	186
2.9	12	-	29	247	353	1.7	49.500	GST07-2M □□□090C12	E84DVB□1124S□1N2G	186
2.9	12	-	29	247	353	2.7	49.500	GST09-2M □□□090C12	E84DVB□1124S□1N2G	186
2.8	12	-	28	251	358	0.9	51.022	GST06-3M □□□090C12	E84DVB□1124S□1N2G	192
2.8	12	-	28	251	358	2.0	51.022	GST07-3M □□□090C12	E84DVB□1124S□1N2G	192
2.7	11	-	27	265	378	0.9	53.900	GST06-3M □□□090C12	E84DVB□1124S□1N2G	192
2.7	11	-	27	265	378	1.9	53.900	GST07-3M □□□090C12	E84DVB□1124S□1N2G	192
2.5	11	-	25	281	401	1.7	56.250	GST07-2M □□□090C12	E84DVB□1124S□1N2G	186
2.5	11	-	25	281	401	2.7	56.250	GST09-2M □□□090C12	E84DVB□1124S□1N2G	186
2.2	9.2	-	22	320	457	1.6	65.079	GST07-3M □□□090C12	E84DVB□1124S□1N2G	192
2.0	8.6	-	20	345	493	1.4	70.156	GST07-3M □□□090C12	E84DVB□1124S□1N2G	192
2.0	8.4	-	20	353	505	2.9	71.867	GST09-3M □□□090C12	E84DVB□1124S□1N2G	192
1.8	7.5	-	18	392	560	1.3	79.762	GST07-3M □□□090C12	E84DVB□1124S□1N2G	192
1.8	7.4	-	18	401	573	2.8	81.667	GST09-3M □□□090C12	E84DVB□1124S□1N2G	192
1.7	7.0	-	17	423	604	1.2	85.983	GST07-3M □□□090C12	E84DVB□1124S□1N2G	192
1.5	6.1	-	15	480	686	1.0	97.708	GST07-3M □□□090C12	E84DVB□1124S□1N2G	192
1.5	6.4	-	15	460	657	2.5	93.541	GST09-3M □□□090C12	E84DVB□1124S□1N2G	192
1.4	6.1	-	14	487	696	2.3	99.167	GST09-3M □□□090C12	E84DVB□1124S□1N2G	192
1.3	5.4	-	13	550	786	0.9	111.915	GST07-3M □□□090C12	E84DVB□1124S□1N2G	192





50 Hz: P_N = 1.10 kW

n_{22} / n_2 = 1 ... 10.0

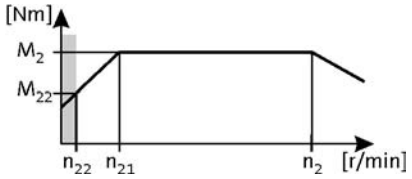
n_1 = 143.0 ... 1430 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
1.3	5.3	-	13	558	797	2.0	113.585	GST09-3M □□□090C12	E84DVB□1124S□1N2G	192
1.1	4.7	-	11	634	906	1.8	129.074	GST09-3M □□□090C12	E84DVB□1124S□1N2G	192
1.1	4.7	-	11	634	906	3.1	129.074	GST11-3M □□□090C12	E84DVB□1124S□1N2G	192
1.0	4.3	-	10	694	992	1.6	141.289	GST09-3M □□□090C12	E84DVB□1124S□1N2G	192
1.0	4.1	-	9.7	722	1032	2.6	146.993	GST11-3M □□□090C12	E84DVB□1124S□1N2G	192
0.9	3.8	-	9.0	777	1111	2.5	158.194	GST11-3M □□□090C12	E84DVB□1124S□1N2G	192
0.9	3.7	-	8.9	789	1127	1.4	160.556	GST09-3M □□□090C12	E84DVB□1124S□1N2G	192
0.8	3.3	-	7.9	885	1265	2.1	180.156	GST11-3M □□□090C12	E84DVB□1124S□1N2G	192
0.8	3.3	-	7.8	899	1284	1.3	182.844	GST09-3M □□□090C12	E84DVB□1124S□1N2G	192
0.7	2.9	-	6.9	1021	1459	1.1	207.778	GST09-3M □□□090C12	E84DVB□1124S□1N2G	192
0.7	2.9	-	6.9	1021	1459	1.9	207.778	GST11-3M □□□090C12	E84DVB□1124S□1N2G	192
0.6	2.5	-	6.0	1163	1661	1.0	236.622	GST09-3M □□□090C12	E84DVB□1124S□1N2G	192
0.6	2.5	-	6.0	1163	1661	1.6	236.622	GST11-3M □□□090C12	E84DVB□1124S□1N2G	192
0.6	2.4	-	5.7	1239	1770	0.9	252.167	GST09-3M □□□090C12	E84DVB□1124S□1N2G	192
0.6	2.4	-	5.7	1239	1770	1.6	252.167	GST11-3M □□□090C12	E84DVB□1124S□1N2G	192
0.5	2.2	-	5.3	1321	1888	0.9	268.889	GST09-3M □□□090C12	E84DVB□1124S□1N2G	192
0.5	2.2	-	5.3	1321	1888	1.5	268.889	GST11-3M □□□090C12	E84DVB□1124S□1N2G	192
0.5	2.2	-	5.3	1321	1888	3.1	268.889	GST14-3M □□□090C12	E84DVB□1124S□1N2G	192
0.4	1.8	-	4.4	1604	2291	1.2	326.333	GST11-3M □□□090C12	E84DVB□1124S□1N2G	192
0.4	1.8	-	4.4	1604	2291	2.6	326.333	GST14-3M □□□090C12	E84DVB□1124S□1N2G	192
0.4	1.7	-	3.9	1784	2548	1.1	363.000	GST11-3M □□□090C12	E84DVB□1124S□1N2G	192
0.4	1.7	-	3.9	1784	2548	2.3	363.000	GST14-3M □□□090C12	E84DVB□1124S□1N2G	192
0.4	1.5	-	3.5	2027	2896	1.0	412.500	GST11-3M □□□090C12	E84DVB□1124S□1N2G	192
0.4	1.5	-	3.5	2027	2896	2.0	412.500	GST14-3M □□□090C12	E84DVB□1124S□1N2G	192

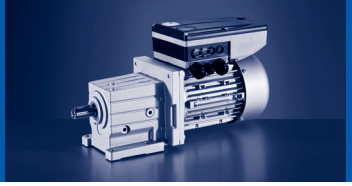
50 Hz: P_N = 1.50 kW

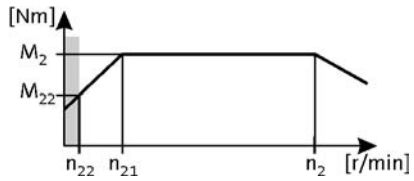
n_{22} / n_2 = 1 ... 10.0

n_1 = 143.5 ... 1435 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
90	375	-	897	11	16	1.2	1.600	GST04-1M □□□090C32	E84DVB□1524S□1N2G	180
90	375	-	897	11	16	2.8	1.600	GST05-1M □□□090C32	E84DVB□1524S□1N2G	180
70	293	-	701	14	20	1.1	2.048	GST04-1M □□□090C32	E84DVB□1524S□1N2G	180
70	293	-	701	14	20	2.6	2.048	GST05-1M □□□090C32	E84DVB□1524S□1N2G	180
64	268	-	641	15	22	1.1	2.240	GST04-1M □□□090C32	E84DVB□1524S□1N2G	180
64	268	-	641	15	22	2.4	2.240	GST05-1M □□□090C32	E84DVB□1524S□1N2G	180
50	210	-	502	20	28	0.9	2.857	GST04-1M □□□090C32	E84DVB□1524S□1N2G	180
50	210	-	502	20	28	1.9	2.857	GST05-1M □□□090C32	E84DVB□1524S□1N2G	180
49	203	-	486	20	29	1.4	2.956	GST04-2M □□□090C32	E84DVB□1524S□1N2G	186
49	203	-	486	20	29	2.2	2.956	GST05-2M □□□090C32	E84DVB□1524S□1N2G	186
43	180	-	431	23	32	1.3	3.333	GST04-2M □□□090C32	E84DVB□1524S□1N2G	186
43	180	-	431	23	32	2.4	3.333	GST05-2M □□□090C32	E84DVB□1524S□1N2G	186
41	171	-	410	24	34	1.6	3.500	GST05-1M □□□090C32	E84DVB□1524S□1N2G	180
41	171	-	410	24	34	3.0	3.500	GST06-1M □□□090C32	E84DVB□1524S□1N2G	180
35	148	-	354	28	39	1.2	4.053	GST04-2M □□□090C32	E84DVB□1524S□1N2G	186
35	148	-	354	28	39	2.1	4.053	GST05-2M □□□090C32	E84DVB□1524S□1N2G	186
32	132	-	315	31	45	1.2	4.556	GST05-1M □□□090C32	E84DVB□1524S□1N2G	180
32	132	-	315	31	45	2.3	4.556	GST06-1M □□□090C32	E84DVB□1524S□1N2G	180
31	131	-	314	31	44	1.1	4.571	GST04-2M □□□090C32	E84DVB□1524S□1N2G	186
31	131	-	314	31	44	2.1	4.571	GST05-2M □□□090C32	E84DVB□1524S□1N2G	186
28	116	-	277	35	50	1.0	5.187	GST04-2M □□□090C32	E84DVB□1524S□1N2G	186
28	116	-	277	35	50	1.8	5.187	GST05-2M □□□090C32	E84DVB□1524S□1N2G	186
26	108	-	257	38	55	2.9	5.583	GST07-1M □□□090C32	E84DVB□1524S□1N2G	180
25	106	-	253	39	56	1.0	5.667	GST05-1M □□□090C32	E84DVB□1524S□1N2G	180
25	106	-	253	39	56	1.9	5.667	GST06-1M □□□090C32	E84DVB□1524S□1N2G	180
25	103	-	245	40	57	0.9	5.850	GST04-2M □□□090C32	E84DVB□1524S□1N2G	186
25	103	-	245	40	57	1.8	5.850	GST05-2M □□□090C32	E84DVB□1524S□1N2G	186
22	94	-	224	43	62	0.9	6.400	GST04-2M □□□090C32	E84DVB□1524S□1N2G	186
22	94	-	224	43	62	1.7	6.400	GST05-2M □□□090C32	E84DVB□1524S□1N2G	186
20	85	-	204	48	68	0.8	7.040	GST04-2M □□□090C32	E84DVB□1524S□1N2G	186
20	83	-	198	49	70	1.5	7.238	GST05-2M □□□090C32	E84DVB□1524S□1N2G	186
20	82	-	196	51	72	1.4	7.333	GST06-1M □□□090C32	E84DVB□1524S□1N2G	180
20	82	-	196	51	72	2.4	7.333	GST07-1M □□□090C32	E84DVB□1524S□1N2G	180
20	82	-	196	51	72	2.9	7.333	GST09-1M □□□090C32	E84DVB□1524S□1N2G	180
18	74	-	176	55	79	1.5	8.163	GST05-2M □□□090C32	E84DVB□1524S□1N2G	186
18	74	-	176	55	79	3.2	8.163	GST06-2M □□□090C32	E84DVB□1524S□1N2G	186
16	67	-	161	61	88	1.0	8.900	GST06-1M □□□090C32	E84DVB□1524S□1N2G	180
16	67	-	161	61	88	2.0	8.900	GST07-1M □□□090C32	E84DVB□1524S□1N2G	180
16	67	-	161	61	88	2.6	8.900	GST09-1M □□□090C32	E84DVB□1524S□1N2G	180
16	67	-	159	61	87	1.4	9.010	GST05-2M □□□090C32	E84DVB□1524S□1N2G	186
16	67	-	159	61	87	3.0	9.010	GST06-2M □□□090C32	E84DVB□1524S□1N2G	186





50 Hz: P_N = 1.50 kW

n_{22} / n_2 = 1 ... 10.0

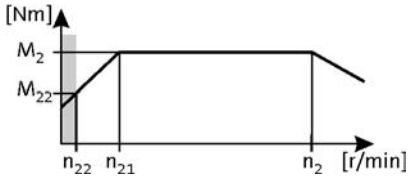
n_1 = 143.5 ... 1435 r/min

n_{22}	n_{21}		n_2	M_{22}	M_2	c	i			
[r/min]	[r/min]		[r/min]	[Nm]	[Nm]					
14	60	-	144	68	97	1.3	10.000	GST05-2M □□□090C32	E84DVB□1524S□1N2G	186
14	60	-	144	68	97	2.8	10.000	GST06-2M □□□090C32	E84DVB□1524S□1N2G	186
13	54	-	128	76	109	1.2	11.200	GST05-2M □□□090C32	E84DVB□1524S□1N2G	186
13	53	-	128	77	111	1.2	11.250	GST07-1M □□□090C32	E84DVB□1524S□1N2G	180
13	53	-	128	77	111	2.0	11.250	GST09-1M □□□090C32	E84DVB□1524S□1N2G	180
13	54	-	128	76	109	2.6	11.200	GST06-2M □□□090C32	E84DVB□1524S□1N2G	186
11	48	-	114	85	122	2.4	12.571	GST06-2M □□□090C32	E84DVB□1524S□1N2G	186
11	46	-	110	88	126	1.1	13.016	GST05-2M □□□090C32	E84DVB□1524S□1N2G	186
10	42	-	100	97	139	1.0	14.356	GST05-2M □□□090C32	E84DVB□1524S□1N2G	186
10	42	-	100	97	138	2.2	14.286	GST06-2M □□□090C32	E84DVB□1524S□1N2G	186
9.3	39	-	93	104	149	2.1	15.400	GST06-2M □□□090C32	E84DVB□1524S□1N2G	186
8.9	37	-	89	110	157	1.0	16.190	GST05-2M □□□090C32	E84DVB□1524S□1N2G	186
8.2	34	-	82	119	170	0.8	17.500	GST05-2M □□□090C32	E84DVB□1524S□1N2G	186
8.2	34	-	82	119	170	1.9	17.500	GST06-2M □□□090C32	E84DVB□1524S□1N2G	186
7.2	30	-	72	136	194	0.8	20.044	GST05-2M □□□090C32	E84DVB□1524S□1N2G	186
7.2	30	-	72	136	194	1.8	20.044	GST06-2M □□□090C32	E84DVB□1524S□1N2G	186
6.3	26	-	63	154	221	1.4	22.778	GST06-2M □□□090C32	E84DVB□1524S□1N2G	186
6.3	26	-	63	154	221	3.1	22.778	GST07-2M □□□090C32	E84DVB□1524S□1N2G	186
5.8	24	-	58	169	242	1.5	24.933	GST06-2M □□□090C32	E84DVB□1524S□1N2G	186
5.8	24	-	58	167	238	2.9	24.567	GST07-2M □□□090C32	E84DVB□1524S□1N2G	186
5.1	21	-	51	192	274	1.2	28.333	GST06-2M □□□090C32	E84DVB□1524S□1N2G	186
5.1	22	-	51	189	270	2.6	27.917	GST07-2M □□□090C32	E84DVB□1524S□1N2G	186
4.5	19	-	45	219	313	1.2	32.267	GST06-2M □□□090C32	E84DVB□1524S□1N2G	186
4.5	19	-	45	219	313	2.3	32.267	GST07-2M □□□090C32	E84DVB□1524S□1N2G	186
4.5	19	-	45	219	313	2.9	32.267	GST09-2M □□□090C32	E84DVB□1524S□1N2G	186
3.9	16	-	39	249	355	0.9	36.667	GST06-2M □□□090C32	E84DVB□1524S□1N2G	186
3.9	16	-	39	249	355	2.0	36.667	GST07-2M □□□090C32	E84DVB□1524S□1N2G	186
3.9	16	-	39	249	355	2.9	36.667	GST09-2M □□□090C32	E84DVB□1524S□1N2G	186
3.7	15	-	37	262	374	0.9	39.200	GST06-3M □□□090C32	E84DVB□1524S□1N2G	192
3.7	15	-	37	266	379	1.0	39.160	GST06-2M □□□090C32	E84DVB□1524S□1N2G	186
3.7	15	-	37	262	374	1.9	39.200	GST07-3M □□□090C32	E84DVB□1524S□1N2G	192
3.7	15	-	37	266	379	1.9	39.160	GST07-2M □□□090C32	E84DVB□1524S□1N2G	186
3.7	15	-	37	266	379	2.6	39.160	GST09-2M □□□090C32	E84DVB□1524S□1N2G	186
3.3	14	-	33	294	420	1.7	44.000	GST07-3M □□□090C32	E84DVB□1524S□1N2G	192
3.3	14	-	33	289	413	3.1	43.267	GST09-3M □□□090C32	E84DVB□1524S□1N2G	192
3.2	14	-	32	302	431	1.6	44.500	GST07-2M □□□090C32	E84DVB□1524S□1N2G	186
3.2	14	-	32	302	431	2.6	44.500	GST09-2M □□□090C32	E84DVB□1524S□1N2G	186
2.9	12	-	29	336	479	1.3	49.500	GST07-2M □□□090C32	E84DVB□1524S□1N2G	186
2.9	12	-	29	336	479	2.0	49.500	GST09-2M □□□090C32	E84DVB□1524S□1N2G	186
2.9	12	-	29	328	469	3.1	49.167	GST09-3M □□□090C32	E84DVB□1524S□1N2G	192
2.8	12	-	28	341	487	1.4	51.022	GST07-3M □□□090C32	E84DVB□1524S□1N2G	192

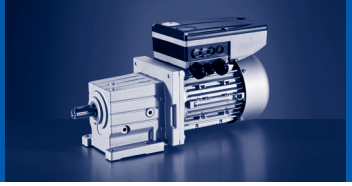
50 Hz: P_N = 1.50 kW

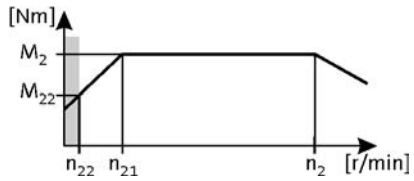
n_{22} / n_2 = 1 ... 10.0

n_1 = 143.5 ... 1435 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
2.7	11	-	27	360	514	1.4	53.900	GST07-3M □□□090C32	E84DVB□1524S□1N2G	192
2.7	11	-	27	354	506	2.7	53.044	GST09-3M □□□090C32	E84DVB□1524S□1N2G	192
2.6	11	-	26	381	545	1.3	56.250	GST07-2M □□□090C32	E84DVB□1524S□1N2G	186
2.6	11	-	26	381	545	2.0	56.250	GST09-2M □□□090C32	E84DVB□1524S□1N2G	186
2.4	10	-	24	403	575	2.7	60.278	GST09-3M □□□090C32	E84DVB□1524S□1N2G	192
2.2	9.2	-	22	435	621	1.1	65.079	GST07-3M □□□090C32	E84DVB□1524S□1N2G	192
2.1	8.6	-	21	469	669	1.1	70.156	GST07-3M □□□090C32	E84DVB□1524S□1N2G	192
2.0	8.4	-	20	480	686	2.2	71.867	GST09-3M □□□090C32	E84DVB□1524S□1N2G	192
1.8	7.5	-	18	533	761	0.9	79.762	GST07-3M □□□090C32	E84DVB□1524S□1N2G	192
1.8	7.4	-	18	545	779	2.0	81.667	GST09-3M □□□090C32	E84DVB□1524S□1N2G	192
1.7	7.0	-	17	574	820	0.9	85.983	GST07-3M □□□090C32	E84DVB□1524S□1N2G	192
1.5	6.1	-	15	662	946	1.7	99.167	GST09-3M □□□090C32	E84DVB□1524S□1N2G	192
1.5	6.4	-	15	625	892	1.8	93.541	GST09-3M □□□090C32	E84DVB□1524S□1N2G	192
1.3	5.3	-	13	759	1084	1.5	113.585	GST09-3M □□□090C32	E84DVB□1524S□1N2G	192
1.1	4.7	-	11	862	1231	1.3	129.074	GST09-3M □□□090C32	E84DVB□1524S□1N2G	192
1.1	4.7	-	11	862	1231	2.3	129.074	GST11-3M □□□090C32	E84DVB□1524S□1N2G	192
1.0	4.3	-	10	944	1348	1.2	141.289	GST09-3M □□□090C32	E84DVB□1524S□1N2G	192
1.0	4.1	-	9.8	982	1402	1.9	146.993	GST11-3M □□□090C32	E84DVB□1524S□1N2G	192
0.9	3.8	-	9.1	1056	1509	1.9	158.194	GST11-3M □□□090C32	E84DVB□1524S□1N2G	192
0.9	3.7	-	8.9	1072	1532	1.1	160.556	GST09-3M □□□090C32	E84DVB□1524S□1N2G	192
0.8	3.3	-	8.0	1203	1719	1.6	180.156	GST11-3M □□□090C32	E84DVB□1524S□1N2G	192
0.8	3.3	-	7.9	1221	1744	0.9	182.844	GST09-3M □□□090C32	E84DVB□1524S□1N2G	192
0.7	2.9	-	7.0	1367	1953	2.9	204.722	GST14-3M □□□090C32	E84DVB□1524S□1N2G	192
0.7	2.9	-	6.9	1388	1982	0.8	207.778	GST09-3M □□□090C32	E84DVB□1524S□1N2G	192
0.7	2.9	-	6.9	1388	1982	1.4	207.778	GST11-3M □□□090C32	E84DVB□1524S□1N2G	192
0.6	2.5	-	6.1	1580	2257	1.2	236.622	GST11-3M □□□090C32	E84DVB□1524S□1N2G	192
0.6	2.5	-	6.1	1580	2257	2.6	236.622	GST14-3M □□□090C32	E84DVB□1524S□1N2G	192
0.6	2.4	-	5.8	1659	2370	2.5	248.458	GST14-3M □□□090C32	E84DVB□1524S□1N2G	192
0.6	2.4	-	5.7	1684	2406	1.2	252.167	GST11-3M □□□090C32	E84DVB□1524S□1N2G	192
0.5	2.2	-	5.3	1796	2565	1.1	268.889	GST11-3M □□□090C32	E84DVB□1524S□1N2G	192
0.5	2.2	-	5.3	1796	2565	2.3	268.889	GST14-3M □□□090C32	E84DVB□1524S□1N2G	192
0.4	1.8	-	4.4	2179	3113	0.9	326.333	GST11-3M □□□090C32	E84DVB□1524S□1N2G	192
0.4	1.8	-	4.4	2179	3113	1.9	326.333	GST14-3M □□□090C32	E84DVB□1524S□1N2G	192
0.4	1.7	-	4.0	2424	3463	1.7	363.000	GST14-3M □□□090C32	E84DVB□1524S□1N2G	192
0.4	1.5	-	3.5	2755	3935	1.5	412.500	GST14-3M □□□090C32	E84DVB□1524S□1N2G	192





50 Hz: P_N = 2.20 kW

n_{22} / n_2 = 1 ... 10.0

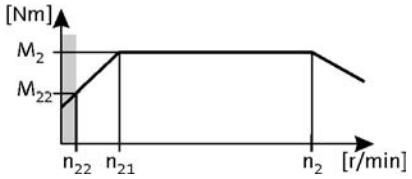
n_1 = 144.5 ... 1445 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
90	375	-	903	16	23	2.0	1.600	GST05-1M □□□100C12	E84DVB□2224S□1N2G	180
90	375	-	903	16	23	2.7	1.600	GST06-1M □□□100C12	E84DVB□2224S□1N2G	180
71	293	-	706	21	29	1.8	2.048	GST05-1M □□□100C12	E84DVB□2224S□1N2G	180
71	293	-	706	21	29	2.5	2.048	GST06-1M □□□100C12	E84DVB□2224S□1N2G	180
65	268	-	645	22	32	1.7	2.240	GST05-1M □□□100C12	E84DVB□2224S□1N2G	180
65	268	-	645	22	32	2.5	2.240	GST06-1M □□□100C12	E84DVB□2224S□1N2G	180
51	210	-	506	29	41	1.3	2.857	GST05-1M □□□100C12	E84DVB□2224S□1N2G	180
51	210	-	506	29	41	2.3	2.857	GST06-1M □□□100C12	E84DVB□2224S□1N2G	180
49	203	-	489	29	42	1.5	2.956	GST05-2M □□□100C12	E84DVB□2224S□1N2G	186
43	180	-	434	33	47	1.7	3.333	GST05-2M □□□100C12	E84DVB□2224S□1N2G	186
41	171	-	413	35	50	1.1	3.500	GST05-1M □□□100C12	E84DVB□2224S□1N2G	180
41	171	-	413	35	50	2.1	3.500	GST06-1M □□□100C12	E84DVB□2224S□1N2G	180
36	148	-	357	40	57	1.4	4.053	GST05-2M □□□100C12	E84DVB□2224S□1N2G	186
32	132	-	317	46	65	1.6	4.556	GST06-1M □□□100C12	E84DVB□2224S□1N2G	180
32	132	-	317	46	65	2.9	4.556	GST07-1M □□□100C12	E84DVB□2224S□1N2G	180
32	131	-	316	45	65	1.4	4.571	GST05-2M □□□100C12	E84DVB□2224S□1N2G	186
32	131	-	316	45	65	3.1	4.571	GST06-2M □□□100C12	E84DVB□2224S□1N2G	186
28	116	-	279	51	73	1.2	5.187	GST05-2M □□□100C12	E84DVB□2224S□1N2G	186
27	113	-	271	52	75	2.8	5.324	GST06-2M □□□100C12	E84DVB□2224S□1N2G	186
26	108	-	259	56	80	2.5	5.583	GST07-1M □□□100C12	E84DVB□2224S□1N2G	180
26	106	-	255	57	81	1.3	5.667	GST06-1M □□□100C12	E84DVB□2224S□1N2G	180
25	103	-	247	58	83	1.2	5.850	GST05-2M □□□100C12	E84DVB□2224S□1N2G	186
25	103	-	247	58	83	2.7	5.850	GST06-2M □□□100C12	E84DVB□2224S□1N2G	186
23	94	-	226	63	90	1.2	6.400	GST05-2M □□□100C12	E84DVB□2224S□1N2G	186
23	94	-	226	63	90	2.5	6.400	GST06-2M □□□100C12	E84DVB□2224S□1N2G	186
21	85	-	205	69	99	2.4	7.040	GST06-2M □□□100C12	E84DVB□2224S□1N2G	186
20	83	-	200	71	102	1.1	7.238	GST05-2M □□□100C12	E84DVB□2224S□1N2G	186
20	82	-	197	73	105	1.9	7.333	GST07-1M □□□100C12	E84DVB□2224S□1N2G	180
20	82	-	197	73	105	2.8	7.333	GST09-1M □□□100C12	E84DVB□2224S□1N2G	180
18	74	-	177	80	115	1.0	8.163	GST05-2M □□□100C12	E84DVB□2224S□1N2G	186
18	74	-	177	80	115	2.2	8.163	GST06-2M □□□100C12	E84DVB□2224S□1N2G	186
16	67	-	162	89	128	1.4	8.900	GST07-1M □□□100C12	E84DVB□2224S□1N2G	180
16	67	-	162	89	128	2.3	8.900	GST09-1M □□□100C12	E84DVB□2224S□1N2G	180
16	67	-	160	89	127	0.9	9.010	GST05-2M □□□100C12	E84DVB□2224S□1N2G	186
16	67	-	160	89	127	2.1	9.010	GST06-2M □□□100C12	E84DVB□2224S□1N2G	186
15	60	-	145	99	141	0.9	10.000	GST05-2M □□□100C12	E84DVB□2224S□1N2G	186
15	60	-	145	99	141	1.9	10.000	GST06-2M □□□100C12	E84DVB□2224S□1N2G	186
13	54	-	129	110	158	0.8	11.200	GST05-2M □□□100C12	E84DVB□2224S□1N2G	186
13	54	-	129	110	158	1.8	11.200	GST06-2M □□□100C12	E84DVB□2224S□1N2G	186
13	53	-	128	113	161	1.8	11.250	GST09-1M □□□100C12	E84DVB□2224S□1N2G	180
12	48	-	115	124	177	1.7	12.571	GST06-2M □□□100C12	E84DVB□2224S□1N2G	186

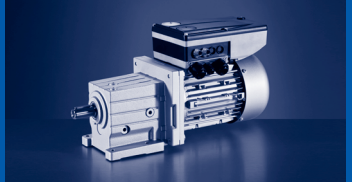
50 Hz: P_N = 2.20 kW

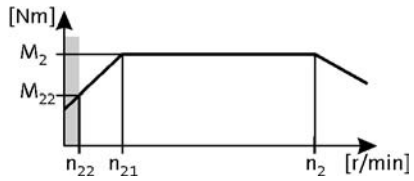
n_{22} / n_2 = 1 ... 10.0

n_1 = 144.5 ... 1445 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
10	42	-	101	141	202	1.5	14.286	GST06-2M □□□100C12	E84DVB□2224S□1N2G	186
10	42	-	101	141	202	3.2	14.286	GST07-2M □□□100C12	E84DVB□2224S□1N2G	186
9.4	39	-	94	152	217	1.5	15.400	GST06-2M □□□100C12	E84DVB□2224S□1N2G	186
9.4	39	-	94	152	217	3.0	15.400	GST07-2M □□□100C12	E84DVB□2224S□1N2G	186
8.3	34	-	83	172	247	1.3	17.500	GST06-2M □□□100C12	E84DVB□2224S□1N2G	186
8.3	34	-	83	172	247	2.8	17.500	GST07-2M □□□100C12	E84DVB□2224S□1N2G	186
7.2	30	-	72	197	283	1.2	20.044	GST06-2M □□□100C12	E84DVB□2224S□1N2G	186
7.2	30	-	72	197	283	2.5	20.044	GST07-2M □□□100C12	E84DVB□2224S□1N2G	186
6.3	26	-	63	224	321	1.0	22.778	GST06-2M □□□100C12	E84DVB□2224S□1N2G	186
6.3	26	-	63	224	321	2.1	22.778	GST07-2M □□□100C12	E84DVB□2224S□1N2G	186
5.9	24	-	59	242	347	2.0	24.567	GST07-2M □□□100C12	E84DVB□2224S□1N2G	186
5.8	24	-	58	246	352	1.0	24.933	GST06-2M □□□100C12	E84DVB□2224S□1N2G	186
5.2	22	-	52	275	394	1.8	27.917	GST07-2M □□□100C12	E84DVB□2224S□1N2G	186
4.5	19	-	45	318	455	1.6	32.267	GST07-2M □□□100C12	E84DVB□2224S□1N2G	186
4.5	19	-	45	318	455	2.8	32.267	GST09-2M □□□100C12	E84DVB□2224S□1N2G	186
3.9	16	-	39	361	517	1.4	36.667	GST07-2M □□□100C12	E84DVB□2224S□1N2G	186
3.9	16	-	39	361	517	2.8	36.667	GST09-2M □□□100C12	E84DVB□2224S□1N2G	186
3.7	15	-	37	386	552	1.3	39.160	GST07-2M □□□100C12	E84DVB□2224S□1N2G	186
3.7	15	-	37	380	545	1.3	39.200	GST07-3M □□□100C12	E84DVB□2224S□1N2G	192
3.7	15	-	37	386	552	2.3	39.160	GST09-2M □□□100C12	E84DVB□2224S□1N2G	186
3.7	15	-	37	386	552	2.9	39.160	GST11-2M □□□100C12	E84DVB□2224S□1N2G	186
3.6	15	-	36	389	558	2.4	40.136	GST09-3M □□□100C12	E84DVB□2224S□1N2G	192
3.3	14	-	33	438	628	1.1	44.500	GST07-2M □□□100C12	E84DVB□2224S□1N2G	186
3.3	14	-	33	427	611	1.2	44.000	GST07-3M □□□100C12	E84DVB□2224S□1N2G	192
3.3	14	-	33	420	601	2.2	43.267	GST09-3M □□□100C12	E84DVB□2224S□1N2G	192
3.3	14	-	33	438	628	2.3	44.500	GST09-2M □□□100C12	E84DVB□2224S□1N2G	186
3.3	14	-	33	438	628	2.9	44.500	GST11-2M □□□100C12	E84DVB□2224S□1N2G	186
2.9	12	-	29	488	698	1.8	49.500	GST09-2M □□□100C12	E84DVB□2224S□1N2G	186
2.9	12	-	29	477	683	2.2	49.167	GST09-3M □□□100C12	E84DVB□2224S□1N2G	192
2.9	12	-	29	488	698	2.3	49.500	GST11-2M □□□100C12	E84DVB□2224S□1N2G	186
2.8	12	-	28	495	709	1.0	51.022	GST07-3M □□□100C12	E84DVB□2224S□1N2G	192
2.7	11	-	27	523	749	0.9	53.900	GST07-3M □□□100C12	E84DVB□2224S□1N2G	192
2.7	11	-	27	515	737	1.9	53.044	GST09-3M □□□100C12	E84DVB□2224S□1N2G	192
2.6	11	-	26	554	794	1.8	56.250	GST09-2M □□□100C12	E84DVB□2224S□1N2G	186
2.6	11	-	26	554	794	2.3	56.250	GST11-2M □□□100C12	E84DVB□2224S□1N2G	186
2.5	10	-	25	562	805	3.2	57.968	GST11-3M □□□100C12	E84DVB□2224S□1N2G	192
2.4	10	-	24	585	838	1.9	60.278	GST09-3M □□□100C12	E84DVB□2224S□1N2G	192
2.4	9.8	-	24	594	851	3.2	61.250	GST11-3M □□□100C12	E84DVB□2224S□1N2G	192
2.0	8.4	-	20	697	999	1.5	71.867	GST09-3M □□□100C12	E84DVB□2224S□1N2G	192
2.0	8.5	-	20	689	987	2.7	71.011	GST11-3M □□□100C12	E84DVB□2224S□1N2G	192
1.8	7.4	-	18	792	1135	1.4	81.667	GST09-3M □□□100C12	E84DVB□2224S□1N2G	192





50 Hz: P_N = 2.20 kW

n_{22} / n_2 = 1 ... 10.0

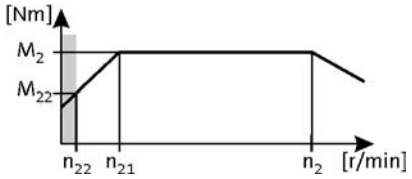
n_1 = 144.5 ... 1445 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
1.8	7.4	-	18	783	1121	2.5	80.694	GST11-3M □□□100C12	E84DVB□2224S□1N2G	192
1.7	6.9	-	17	847	1213	2.2	87.267	GST11-3M □□□100C12	E84DVB□2224S□1N2G	192
1.5	6.4	-	15	907	1300	1.2	93.541	GST09-3M □□□100C12	E84DVB□2224S□1N2G	192
1.5	6.1	-	15	962	1378	1.2	99.167	GST09-3M □□□100C12	E84DVB□2224S□1N2G	192
1.5	6.1	-	15	962	1378	2.0	99.167	GST11-3M □□□100C12	E84DVB□2224S□1N2G	192
1.3	5.3	-	13	1102	1578	1.0	113.585	GST09-3M □□□100C12	E84DVB□2224S□1N2G	192
1.3	5.3	-	13	1096	1569	1.7	112.933	GST11-3M □□□100C12	E84DVB□2224S□1N2G	192
1.1	4.7	-	11	1252	1793	0.9	129.074	GST09-3M □□□100C12	E84DVB□2224S□1N2G	192
1.1	4.7	-	11	1252	1793	1.6	129.074	GST11-3M □□□100C12	E84DVB□2224S□1N2G	192
1.0	4.3	-	10	1371	1963	0.8	141.289	GST09-3M □□□100C12	E84DVB□2224S□1N2G	192
1.0	4.3	-	10	1350	1934	3.0	139.211	GST14-3M □□□100C12	E84DVB□2224S□1N2G	192
1.0	4.1	-	9.8	1426	2042	1.3	146.993	GST11-3M □□□100C12	E84DVB□2224S□1N2G	192
0.9	3.8	-	9.1	1535	2198	1.3	158.194	GST11-3M □□□100C12	E84DVB□2224S□1N2G	192
0.9	3.8	-	9.1	1535	2198	2.7	158.194	GST14-3M □□□100C12	E84DVB□2224S□1N2G	192
0.8	3.5	-	8.4	1660	2378	2.5	171.111	GST14-3M □□□100C12	E84DVB□2224S□1N2G	192
0.8	3.3	-	8.0	1748	2503	1.1	180.156	GST11-3M □□□100C12	E84DVB□2224S□1N2G	192
0.7	2.9	-	7.1	1986	2845	2.1	204.722	GST14-3M □□□100C12	E84DVB□2224S□1N2G	192
0.7	2.9	-	7.0	2016	2887	1.0	207.778	GST11-3M □□□100C12	E84DVB□2224S□1N2G	192
0.6	2.5	-	6.1	2295	3288	0.8	236.622	GST11-3M □□□100C12	E84DVB□2224S□1N2G	192
0.6	2.5	-	6.1	2295	3288	1.8	236.622	GST14-3M □□□100C12	E84DVB□2224S□1N2G	192
0.6	2.4	-	5.8	2410	3452	1.7	248.458	GST14-3M □□□100C12	E84DVB□2224S□1N2G	192
0.6	2.4	-	5.7	2446	3504	0.8	252.167	GST11-3M □□□100C12	E84DVB□2224S□1N2G	192
0.5	2.2	-	5.4	2608	3736	1.6	268.889	GST14-3M □□□100C12	E84DVB□2224S□1N2G	192
0.4	1.8	-	4.4	3166	4534	1.3	326.333	GST14-3M □□□100C12	E84DVB□2224S□1N2G	192
0.4	1.7	-	4.0	3521	5044	1.2	363.000	GST14-3M □□□100C12	E84DVB□2224S□1N2G	192
0.4	1.5	-	3.5	4001	5731	1.0	412.500	GST14-3M □□□100C12	E84DVB□2224S□1N2G	192

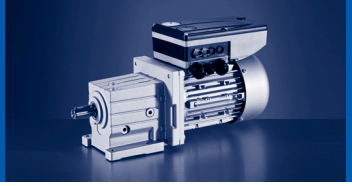
50 Hz: P_N = 3.00 kW

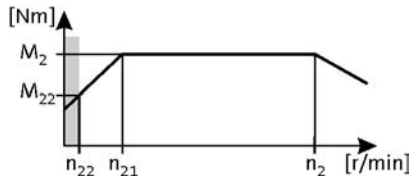
n_{22} / n_2 = 1 ... 10.0

n_1 = 144.5 ... 1445 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
90	375	-	903	22	31	1.4	1.600	GST05-1M □□□100C32	E84DVB□3024S□1N2G	180
90	375	-	903	22	31	2.0	1.600	GST06-1M □□□100C32	E84DVB□3024S□1N2G	180
72	300	-	723	27	39	3.2	2.000	GST07-1M □□□100C32	E84DVB□3024S□1N2G	180
71	293	-	706	28	40	1.3	2.048	GST05-1M □□□100C32	E84DVB□3024S□1N2G	180
71	293	-	706	28	40	1.8	2.048	GST06-1M □□□100C32	E84DVB□3024S□1N2G	180
65	268	-	645	31	44	1.2	2.240	GST05-1M □□□100C32	E84DVB□3024S□1N2G	180
65	268	-	645	31	44	1.8	2.240	GST06-1M □□□100C32	E84DVB□3024S□1N2G	180
65	268	-	645	31	44	3.1	2.240	GST07-1M □□□100C32	E84DVB□3024S□1N2G	180
51	210	-	506	39	56	1.0	2.857	GST05-1M □□□100C32	E84DVB□3024S□1N2G	180
51	210	-	506	39	56	1.7	2.857	GST06-1M □□□100C32	E84DVB□3024S□1N2G	180
51	210	-	506	39	56	2.8	2.857	GST07-1M □□□100C32	E84DVB□3024S□1N2G	180
49	203	-	489	40	57	1.1	2.956	GST05-2M □□□100C32	E84DVB□3024S□1N2G	186
48	198	-	476	41	58	2.9	3.033	GST06-2M □□□100C32	E84DVB□3024S□1N2G	186
43	180	-	434	45	64	1.2	3.333	GST05-2M □□□100C32	E84DVB□3024S□1N2G	186
43	180	-	434	45	64	2.7	3.333	GST06-2M □□□100C32	E84DVB□3024S□1N2G	186
41	171	-	413	48	68	1.5	3.500	GST06-1M □□□100C32	E84DVB□3024S□1N2G	180
41	171	-	413	48	68	2.5	3.500	GST07-1M □□□100C32	E84DVB□3024S□1N2G	180
36	148	-	357	55	78	1.0	4.053	GST05-2M □□□100C32	E84DVB□3024S□1N2G	186
35	144	-	347	56	80	2.4	4.160	GST06-2M □□□100C32	E84DVB□3024S□1N2G	186
32	132	-	317	62	89	1.2	4.556	GST06-1M □□□100C32	E84DVB□3024S□1N2G	180
32	132	-	317	62	89	2.1	4.556	GST07-1M □□□100C32	E84DVB□3024S□1N2G	180
32	131	-	316	62	88	1.0	4.571	GST05-2M □□□100C32	E84DVB□3024S□1N2G	186
32	131	-	316	62	88	2.3	4.571	GST06-2M □□□100C32	E84DVB□3024S□1N2G	186
31	129	-	310	64	91	3.0	4.667	GST09-1M □□□100C32	E84DVB□3024S□1N2G	180
28	116	-	279	70	100	0.9	5.187	GST05-2M □□□100C32	E84DVB□3024S□1N2G	186
27	113	-	271	72	102	2.0	5.324	GST06-2M □□□100C32	E84DVB□3024S□1N2G	186
26	108	-	259	76	109	1.8	5.583	GST07-1M □□□100C32	E84DVB□3024S□1N2G	180
26	106	-	255	77	111	1.0	5.667	GST06-1M □□□100C32	E84DVB□3024S□1N2G	180
26	106	-	255	77	111	2.5	5.667	GST09-1M □□□100C32	E84DVB□3024S□1N2G	180
25	103	-	247	79	113	0.9	5.850	GST05-2M □□□100C32	E84DVB□3024S□1N2G	186
25	103	-	247	79	113	2.0	5.850	GST06-2M □□□100C32	E84DVB□3024S□1N2G	186
23	94	-	226	86	123	0.9	6.400	GST05-2M □□□100C32	E84DVB□3024S□1N2G	186
23	94	-	226	86	123	1.9	6.400	GST06-2M □□□100C32	E84DVB□3024S□1N2G	186
21	85	-	205	95	135	1.7	7.040	GST06-2M □□□100C32	E84DVB□3024S□1N2G	186
20	82	-	197	100	143	1.4	7.333	GST07-1M □□□100C32	E84DVB□3024S□1N2G	180
20	82	-	197	100	143	2.0	7.333	GST09-1M □□□100C32	E84DVB□3024S□1N2G	180
18	74	-	177	110	157	1.6	8.163	GST06-2M □□□100C32	E84DVB□3024S□1N2G	186
16	68	-	164	118	169	3.1	8.800	GST07-2M □□□100C32	E84DVB□3024S□1N2G	186
16	67	-	162	122	174	1.1	8.900	GST07-1M □□□100C32	E84DVB□3024S□1N2G	180
16	67	-	162	122	174	1.7	8.900	GST09-1M □□□100C32	E84DVB□3024S□1N2G	180
16	67	-	160	121	173	1.5	9.010	GST06-2M □□□100C32	E84DVB□3024S□1N2G	186





50 Hz: P_N = 3.00 kW

n_{22} / n_2 = 1 ... 10.0

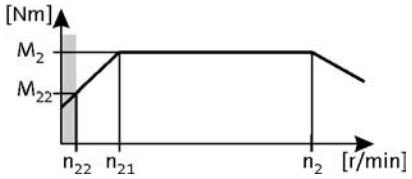
n_1 = 144.5 ... 1445 r/min

n_{22}	n_{21}		n_2	M_{22}	M_2	c	i			
[r/min]	[r/min]		[r/min]	[Nm]	[Nm]					
15	61	-	147	133	190	2.9	9.856	GST07-2M □□□100C32	E84DVB□3024S□1N2G	186
15	60	-	145	135	192	1.4	10.000	GST06-2M □□□100C32	E84DVB□3024S□1N2G	186
13	54	-	129	151	215	1.3	11.200	GST06-2M □□□100C32	E84DVB□3024S□1N2G	186
13	54	-	129	151	215	2.8	11.200	GST07-2M □□□100C32	E84DVB□3024S□1N2G	186
13	53	-	128	154	220	1.3	11.250	GST09-1M □□□100C32	E84DVB□3024S□1N2G	180
12	48	-	115	169	242	1.2	12.571	GST06-2M □□□100C32	E84DVB□3024S□1N2G	186
12	48	-	115	169	242	2.5	12.571	GST07-2M □□□100C32	E84DVB□3024S□1N2G	186
10	42	-	101	192	275	1.1	14.286	GST06-2M □□□100C32	E84DVB□3024S□1N2G	186
10	42	-	101	192	275	2.3	14.286	GST07-2M □□□100C32	E84DVB□3024S□1N2G	186
9.4	39	-	94	207	296	1.1	15.400	GST06-2M □□□100C32	E84DVB□3024S□1N2G	186
9.4	39	-	94	207	296	2.2	15.400	GST07-2M □□□100C32	E84DVB□3024S□1N2G	186
8.3	34	-	83	235	337	0.9	17.500	GST06-2M □□□100C32	E84DVB□3024S□1N2G	186
8.3	34	-	83	235	337	2.0	17.500	GST07-2M □□□100C32	E84DVB□3024S□1N2G	186
7.2	30	-	72	270	386	0.9	20.044	GST06-2M □□□100C32	E84DVB□3024S□1N2G	186
7.2	30	-	72	270	386	1.8	20.044	GST07-2M □□□100C32	E84DVB□3024S□1N2G	186
7.0	29	-	70	276	395	3.0	20.533	GST09-2M □□□100C32	E84DVB□3024S□1N2G	186
6.3	26	-	63	306	438	1.6	22.778	GST07-2M □□□100C32	E84DVB□3024S□1N2G	186
6.2	26	-	62	314	449	3.0	23.333	GST09-2M □□□100C32	E84DVB□3024S□1N2G	186
5.9	24	-	59	330	473	1.5	24.567	GST07-2M □□□100C32	E84DVB□3024S□1N2G	186
5.8	24	-	58	335	480	2.5	24.933	GST09-2M □□□100C32	E84DVB□3024S□1N2G	186
5.2	22	-	52	375	537	1.3	27.917	GST07-2M □□□100C32	E84DVB□3024S□1N2G	186
5.1	21	-	51	381	545	2.5	28.333	GST09-2M □□□100C32	E84DVB□3024S□1N2G	186
4.5	19	-	45	434	621	1.1	32.267	GST07-2M □□□100C32	E84DVB□3024S□1N2G	186
4.5	19	-	45	434	621	2.0	32.267	GST09-2M □□□100C32	E84DVB□3024S□1N2G	186
4.5	19	-	45	434	621	2.5	32.267	GST11-2M □□□100C32	E84DVB□3024S□1N2G	186
3.9	16	-	39	493	705	1.0	36.667	GST07-2M □□□100C32	E84DVB□3024S□1N2G	186
3.9	16	-	39	493	705	2.0	36.667	GST09-2M □□□100C32	E84DVB□3024S□1N2G	186
3.9	16	-	39	493	705	2.5	36.667	GST11-2M □□□100C32	E84DVB□3024S□1N2G	186
3.7	15	-	37	527	753	0.9	39.160	GST07-2M □□□100C32	E84DVB□3024S□1N2G	186
3.7	15	-	37	519	743	0.9	39.200	GST07-3M □□□100C32	E84DVB□3024S□1N2G	192
3.7	15	-	37	527	753	1.7	39.160	GST09-2M □□□100C32	E84DVB□3024S□1N2G	186
3.7	15	-	37	527	753	2.1	39.160	GST11-2M □□□100C32	E84DVB□3024S□1N2G	186
3.6	15	-	36	532	760	1.8	40.136	GST09-3M □□□100C32	E84DVB□3024S□1N2G	192
3.3	14	-	33	598	856	0.8	44.500	GST07-2M □□□100C32	E84DVB□3024S□1N2G	186
3.3	14	-	33	583	834	0.9	44.000	GST07-3M □□□100C32	E84DVB□3024S□1N2G	192
3.3	14	-	33	573	820	1.6	43.267	GST09-3M □□□100C32	E84DVB□3024S□1N2G	192
3.3	14	-	33	598	856	1.7	44.500	GST09-2M □□□100C32	E84DVB□3024S□1N2G	186
3.3	14	-	33	598	856	2.1	44.500	GST11-2M □□□100C32	E84DVB□3024S□1N2G	186
3.3	14	-	33	583	834	2.9	44.000	GST11-3M □□□100C32	E84DVB□3024S□1N2G	192
2.9	12	-	29	666	952	1.4	49.500	GST09-2M □□□100C32	E84DVB□3024S□1N2G	186
2.9	12	-	29	651	932	1.6	49.167	GST09-3M □□□100C32	E84DVB□3024S□1N2G	192

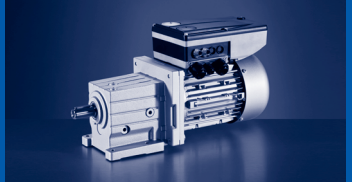
50 Hz: P_N = 3.00 kW

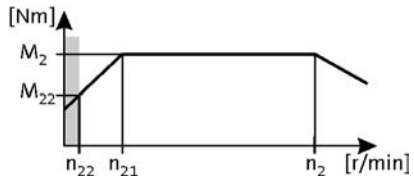
n_{22} / n_2 = 1 ... 10.0

n_1 = 144.5 ... 1445 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
2.9	12	-	29	666	952	1.7	49.500	GST11-2M □□□100C32	E84DVB□3024S□1N2G	186
2.9	12	-	29	662	947	2.9	50.000	GST11-3M □□□100C32	E84DVB□3024S□1N2G	192
2.7	11	-	27	703	1005	1.4	53.044	GST09-3M □□□100C32	E84DVB□3024S□1N2G	192
2.6	11	-	26	756	1082	1.4	56.250	GST09-2M □□□100C32	E84DVB□3024S□1N2G	186
2.6	11	-	26	756	1082	1.7	56.250	GST11-2M □□□100C32	E84DVB□3024S□1N2G	186
2.5	10	-	25	768	1098	2.4	57.968	GST11-3M □□□100C32	E84DVB□3024S□1N2G	192
2.4	10	-	24	798	1142	1.4	60.278	GST09-3M □□□100C32	E84DVB□3024S□1N2G	192
2.4	9.8	-	24	811	1161	2.4	61.250	GST11-3M □□□100C32	E84DVB□3024S□1N2G	192
2.0	8.4	-	20	952	1362	1.1	71.867	GST09-3M □□□100C32	E84DVB□3024S□1N2G	192
2.0	8.5	-	20	941	1345	2.0	71.011	GST11-3M □□□100C32	E84DVB□3024S□1N2G	192
1.8	7.4	-	18	1082	1547	1.0	81.667	GST09-3M □□□100C32	E84DVB□3024S□1N2G	192
1.8	7.4	-	18	1069	1529	1.8	80.694	GST11-3M □□□100C32	E84DVB□3024S□1N2G	192
1.7	6.9	-	17	1156	1653	1.6	87.267	GST11-3M □□□100C32	E84DVB□3024S□1N2G	192
1.5	6.4	-	15	1239	1772	0.9	93.541	GST09-3M □□□100C32	E84DVB□3024S□1N2G	192
1.5	6.1	-	15	1314	1879	0.9	99.167	GST09-3M □□□100C32	E84DVB□3024S□1N2G	192
1.5	6.1	-	15	1314	1879	1.5	99.167	GST11-3M □□□100C32	E84DVB□3024S□1N2G	192
1.5	6.4	-	15	1239	1772	3.0	93.541	GST14-3M □□□100C32	E84DVB□3024S□1N2G	192
1.4	5.6	-	14	1408	2014	2.9	106.296	GST14-3M □□□100C32	E84DVB□3024S□1N2G	192
1.3	5.3	-	13	1496	2140	1.3	112.933	GST11-3M □□□100C32	E84DVB□3024S□1N2G	192
1.1	4.7	-	11	1710	2446	1.2	129.074	GST11-3M □□□100C32	E84DVB□3024S□1N2G	192
1.1	4.6	-	11	1726	2468	2.4	130.278	GST14-3M □□□100C32	E84DVB□3024S□1N2G	192
1.0	4.3	-	10	1844	2638	2.2	139.211	GST14-3M □□□100C32	E84DVB□3024S□1N2G	192
1.0	4.1	-	9.8	1947	2785	1.0	146.993	GST11-3M □□□100C32	E84DVB□3024S□1N2G	192
0.9	3.8	-	9.1	2095	2997	0.9	158.194	GST11-3M □□□100C32	E84DVB□3024S□1N2G	192
0.9	3.8	-	9.1	2095	2997	2.0	158.194	GST14-3M □□□100C32	E84DVB□3024S□1N2G	192
0.8	3.5	-	8.4	2267	3242	1.8	171.111	GST14-3M □□□100C32	E84DVB□3024S□1N2G	192
0.7	2.9	-	7.1	2712	3879	1.5	204.722	GST14-3M □□□100C32	E84DVB□3024S□1N2G	192
0.6	2.5	-	6.1	3134	4483	1.3	236.622	GST14-3M □□□100C32	E84DVB□3024S□1N2G	192
0.6	2.4	-	5.8	3291	4708	1.3	248.458	GST14-3M □□□100C32	E84DVB□3024S□1N2G	192
0.5	2.2	-	5.4	3562	5095	1.2	268.889	GST14-3M □□□100C32	E84DVB□3024S□1N2G	192
0.4	1.8	-	4.4	4323	6183	1.0	326.333	GST14-3M □□□100C32	E84DVB□3024S□1N2G	192
0.4	1.7	-	4.0	4808	6878	0.8	363.000	GST14-3M □□□100C32	E84DVB□3024S□1N2G	192





87 Hz: P_N = 1.35 kW

n_{22} / n_2 = 1 ... 17.4

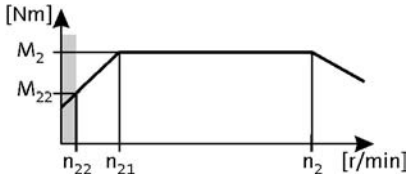
n_1 = 144.8 ... 2520 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
91	375	-	1575	6.2	8.0	2.0	1.600	GST04-1M □□□080C32	E84DVB□1524S□1N2G	180
71	293	-	1231	7.9	10	1.9	2.048	GST04-1M □□□080C32	E84DVB□1524S□1N2G	180
65	268	-	1125	8.6	11	1.9	2.240	GST04-1M □□□080C32	E84DVB□1524S□1N2G	180
51	210	-	882	11	14	1.5	2.857	GST04-1M □□□080C32	E84DVB□1524S□1N2G	180
49	203	-	853	11	15	2.3	2.956	GST04-2M □□□080C32	E84DVB□1524S□1N2G	186
43	180	-	756	13	16	2.1	3.333	GST04-2M □□□080C32	E84DVB□1524S□1N2G	186
41	171	-	720	14	18	1.2	3.500	GST04-1M □□□080C32	E84DVB□1524S□1N2G	180
41	171	-	720	14	18	2.6	3.500	GST05-1M □□□080C32	E84DVB□1524S□1N2G	180
36	148	-	622	15	20	1.9	4.053	GST04-2M □□□080C32	E84DVB□1524S□1N2G	186
33	136	-	573	17	22	1.0	4.400	GST04-1M □□□080C32	E84DVB□1524S□1N2G	180
32	132	-	553	18	23	2.0	4.556	GST05-1M □□□080C32	E84DVB□1524S□1N2G	180
32	131	-	551	17	23	1.8	4.571	GST04-2M □□□080C32	E84DVB□1524S□1N2G	186
28	116	-	486	20	26	1.7	5.187	GST04-2M □□□080C32	E84DVB□1524S□1N2G	186
26	106	-	445	22	28	1.6	5.667	GST05-1M □□□080C32	E84DVB□1524S□1N2G	180
26	106	-	445	22	28	2.4	5.667	GST06-1M □□□080C32	E84DVB□1524S□1N2G	180
25	103	-	431	22	29	1.6	5.850	GST04-2M □□□080C32	E84DVB□1524S□1N2G	186
23	94	-	394	24	32	1.5	6.400	GST04-2M □□□080C32	E84DVB□1524S□1N2G	186
21	85	-	358	27	35	1.4	7.040	GST04-2M □□□080C32	E84DVB□1524S□1N2G	186
20	83	-	348	28	36	2.6	7.238	GST05-2M □□□080C32	E84DVB□1524S□1N2G	186
20	82	-	344	28	37	1.1	7.333	GST05-1M □□□080C32	E84DVB□1524S□1N2G	180
20	82	-	344	28	37	2.2	7.333	GST06-1M □□□080C32	E84DVB□1524S□1N2G	180
20	82	-	344	28	37	2.4	7.333	GST07-1M □□□080C32	E84DVB□1524S□1N2G	180
18	75	-	315	30	39	1.3	8.000	GST04-2M □□□080C32	E84DVB□1524S□1N2G	186
18	74	-	309	31	40	2.4	8.163	GST05-2M □□□080C32	E84DVB□1524S□1N2G	186
16	67	-	283	34	45	1.6	8.900	GST06-1M □□□080C32	E84DVB□1524S□1N2G	180
16	67	-	283	34	45	2.1	8.900	GST07-1M □□□080C32	E84DVB□1524S□1N2G	180
16	67	-	280	34	44	1.2	9.010	GST04-2M □□□080C32	E84DVB□1524S□1N2G	186
16	67	-	280	34	44	2.3	9.010	GST05-2M □□□080C32	E84DVB□1524S□1N2G	186
15	61	-	256	37	49	1.1	9.856	GST04-2M □□□080C32	E84DVB□1524S□1N2G	186
15	60	-	252	38	49	2.1	10.000	GST05-2M □□□080C32	E84DVB□1524S□1N2G	186
13	54	-	225	43	55	0.9	11.200	GST04-2M □□□080C32	E84DVB□1524S□1N2G	186
13	54	-	225	43	55	1.9	11.200	GST05-2M □□□080C32	E84DVB□1524S□1N2G	186
13	53	-	224	43	56	0.9	11.250	GST06-1M □□□080C32	E84DVB□1524S□1N2G	180
13	53	-	224	43	56	1.7	11.250	GST07-1M □□□080C32	E84DVB□1524S□1N2G	180
12	48	-	201	48	62	0.9	12.571	GST04-2M □□□080C32	E84DVB□1524S□1N2G	186
11	46	-	194	49	64	1.8	13.016	GST05-2M □□□080C32	E84DVB□1524S□1N2G	186
10	42	-	176	55	71	1.7	14.356	GST05-2M □□□080C32	E84DVB□1524S□1N2G	186
9.4	39	-	164	58	76	0.9	15.400	GST04-2M □□□080C32	E84DVB□1524S□1N2G	186
9.0	37	-	156	61	80	1.8	16.190	GST05-2M □□□080C32	E84DVB□1524S□1N2G	186
8.3	34	-	144	66	86	1.6	17.500	GST05-2M □□□080C32	E84DVB□1524S□1N2G	186
7.2	30	-	126	76	99	1.5	20.044	GST05-2M □□□080C32	E84DVB□1524S□1N2G	186

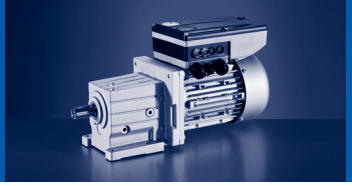
87 Hz: P_N = 1.35 kW

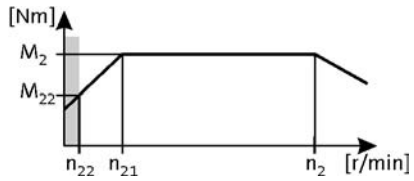
n_{22} / n_2 = 1 ... 17.4

n_1 = 144.8 ... 2520 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
6.4	26	-	111	86	112	1.2	22.778	GST05-2M □□□080C32	E84DVB□1524S□1N2G	186
6.4	26	-	111	86	112	2.7	22.778	GST06-2M □□□080C32	E84DVB□1524S□1N2G	186
5.8	24	-	101	95	123	1.3	24.933	GST05-2M □□□080C32	E84DVB□1524S□1N2G	186
5.8	24	-	101	95	123	2.8	24.933	GST06-2M □□□080C32	E84DVB□1524S□1N2G	186
5.1	21	-	89	108	140	1.0	28.333	GST05-2M □□□080C32	E84DVB□1524S□1N2G	186
5.1	21	-	89	108	140	2.2	28.333	GST06-2M □□□080C32	E84DVB□1524S□1N2G	186
4.5	19	-	78	123	159	1.0	32.267	GST05-2M □□□080C32	E84DVB□1524S□1N2G	186
4.5	19	-	78	123	159	2.2	32.267	GST06-2M □□□080C32	E84DVB□1524S□1N2G	186
4.5	19	-	78	123	159	2.8	32.267	GST07-2M □□□080C32	E84DVB□1524S□1N2G	186
4.0	16	-	69	139	181	1.7	36.667	GST06-2M □□□080C32	E84DVB□1524S□1N2G	186
4.0	16	-	69	139	181	2.8	36.667	GST07-2M □□□080C32	E84DVB□1524S□1N2G	186
3.7	15	-	64	149	193	0.8	39.160	GST05-2M □□□080C32	E84DVB□1524S□1N2G	186
3.7	15	-	64	147	190	1.6	39.200	GST06-3M □□□080C32	E84DVB□1524S□1N2G	192
3.7	15	-	64	149	193	1.8	39.160	GST06-2M □□□080C32	E84DVB□1524S□1N2G	186
3.7	15	-	64	149	193	2.4	39.160	GST07-2M □□□080C32	E84DVB□1524S□1N2G	186
3.3	14	-	57	169	219	1.5	44.500	GST06-2M □□□080C32	E84DVB□1524S□1N2G	186
3.3	14	-	57	165	214	1.6	44.000	GST06-3M □□□080C32	E84DVB□1524S□1N2G	192
3.3	14	-	57	169	219	2.5	44.500	GST07-2M □□□080C32	E84DVB□1524S□1N2G	186
2.9	12	-	51	188	244	1.1	49.500	GST06-2M □□□080C32	E84DVB□1524S□1N2G	186
2.9	12	-	51	188	244	2.0	49.500	GST07-2M □□□080C32	E84DVB□1524S□1N2G	186
2.8	12	-	49	191	248	1.3	51.022	GST06-3M □□□080C32	E84DVB□1524S□1N2G	192
2.8	12	-	49	191	248	2.8	51.022	GST07-3M □□□080C32	E84DVB□1524S□1N2G	192
2.7	11	-	47	202	262	1.3	53.900	GST06-3M □□□080C32	E84DVB□1524S□1N2G	192
2.7	11	-	47	202	262	2.7	53.900	GST07-3M □□□080C32	E84DVB□1524S□1N2G	192
2.6	11	-	45	214	277	1.1	56.250	GST06-2M □□□080C32	E84DVB□1524S□1N2G	186
2.6	11	-	45	214	277	2.0	56.250	GST07-2M □□□080C32	E84DVB□1524S□1N2G	186
2.2	9.2	-	39	243	316	2.2	65.079	GST07-3M □□□080C32	E84DVB□1524S□1N2G	192
2.1	8.9	-	37	253	329	1.1	67.760	GST06-3M □□□080C32	E84DVB□1524S□1N2G	192
2.1	8.6	-	36	262	341	1.1	70.156	GST06-3M □□□080C32	E84DVB□1524S□1N2G	192
2.1	8.6	-	36	262	341	2.1	70.156	GST07-3M □□□080C32	E84DVB□1524S□1N2G	192
1.8	7.5	-	32	298	387	1.8	79.762	GST07-3M □□□080C32	E84DVB□1524S□1N2G	192
1.8	7.4	-	31	303	393	0.9	80.952	GST06-3M □□□080C32	E84DVB□1524S□1N2G	192
1.7	6.9	-	29	326	424	0.9	87.267	GST06-3M □□□080C32	E84DVB□1524S□1N2G	192
1.7	7.0	-	29	321	417	1.7	85.983	GST07-3M □□□080C32	E84DVB□1524S□1N2G	192
1.5	6.1	-	26	365	474	1.5	97.708	GST07-3M □□□080C32	E84DVB□1524S□1N2G	192
1.3	5.4	-	23	418	543	1.3	111.915	GST07-3M □□□080C32	E84DVB□1524S□1N2G	192
1.3	5.3	-	22	425	551	2.9	113.585	GST09-3M □□□080C32	E84DVB□1524S□1N2G	192
1.1	4.7	-	20	475	617	1.2	127.176	GST07-3M □□□080C32	E84DVB□1524S□1N2G	192
1.1	4.7	-	20	483	627	2.6	129.074	GST09-3M □□□080C32	E84DVB□1524S□1N2G	192
1.0	4.3	-	18	520	676	1.0	139.211	GST07-3M □□□080C32	E84DVB□1524S□1N2G	192
1.0	4.3	-	18	528	686	2.4	141.289	GST09-3M □□□080C32	E84DVB□1524S□1N2G	192





87 Hz: P_N = 1.35 kW

n_{22} / n_2 = 1 ... 17.4

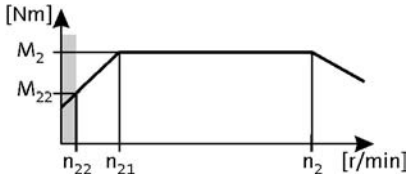
n_1 = 144.8 ... 2520 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
0.9	3.8	-	16	591	768	0.9	158.194	GST07-3M □□□080C32	E84DVB□1524S□1N2G	192
0.9	3.7	-	16	600	779	2.1	160.556	GST09-3M □□□080C32	E84DVB□1524S□1N2G	192
0.8	3.3	-	14	673	875	0.8	180.156	GST07-3M □□□080C32	E84DVB□1524S□1N2G	192
0.8	3.3	-	14	684	888	1.8	182.844	GST09-3M □□□080C32	E84DVB□1524S□1N2G	192
0.7	2.9	-	12	777	1009	1.6	207.778	GST09-3M □□□080C32	E84DVB□1524S□1N2G	192
0.7	2.9	-	12	777	1009	2.8	207.778	GST11-3M □□□080C32	E84DVB□1524S□1N2G	192
0.6	2.5	-	11	885	1149	1.4	236.622	GST09-3M □□□080C32	E84DVB□1524S□1N2G	192
0.6	2.5	-	11	885	1149	2.4	236.622	GST11-3M □□□080C32	E84DVB□1524S□1N2G	192
0.6	2.4	-	10	943	1224	1.3	252.167	GST09-3M □□□080C32	E84DVB□1524S□1N2G	192
0.6	2.4	-	10	943	1224	2.3	252.167	GST11-3M □□□080C32	E84DVB□1524S□1N2G	192
0.5	2.2	-	9.4	1005	1305	1.2	268.889	GST09-3M □□□080C32	E84DVB□1524S□1N2G	192
0.5	2.2	-	9.4	1005	1305	2.2	268.889	GST11-3M □□□080C32	E84DVB□1524S□1N2G	192
0.4	1.8	-	7.7	1220	1584	1.0	326.333	GST09-3M □□□080C32	E84DVB□1524S□1N2G	192
0.4	1.8	-	7.7	1220	1584	1.8	326.333	GST11-3M □□□080C32	E84DVB□1524S□1N2G	192
0.4	1.7	-	6.9	1357	1762	0.9	363.000	GST09-3M □□□080C32	E84DVB□1524S□1N2G	192
0.4	1.7	-	6.9	1357	1762	1.5	363.000	GST11-3M □□□080C32	E84DVB□1524S□1N2G	192
0.4	1.5	-	6.1	1542	2002	0.8	412.500	GST09-3M □□□080C32	E84DVB□1524S□1N2G	192
0.4	1.5	-	6.1	1542	2002	1.4	412.500	GST11-3M □□□080C32	E84DVB□1524S□1N2G	192

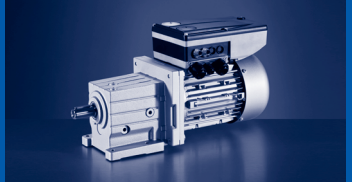
87 Hz: P_N = 2.00 kW

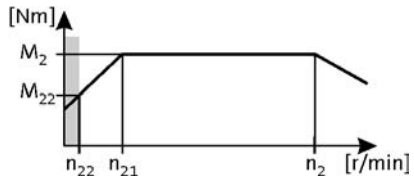
n_{22} / n_2 = 1 ... 17.4

n_1 = 146.0 ... 2540 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
91	375	-	1588	8.1	12	1.4	1.600	GST04-1M □□□090C12	E84DVB□2224S□1N2G	180
71	293	-	1241	10	15	1.3	2.048	GST04-1M □□□090C12	E84DVB□2224S□1N2G	180
65	268	-	1134	11	16	1.3	2.240	GST04-1M □□□090C12	E84DVB□2224S□1N2G	180
51	210	-	889	15	21	1.0	2.857	GST04-1M □□□090C12	E84DVB□2224S□1N2G	180
51	210	-	889	15	21	2.2	2.857	GST05-1M □□□090C12	E84DVB□2224S□1N2G	180
49	203	-	859	15	21	1.6	2.956	GST04-2M □□□090C12	E84DVB□2224S□1N2G	186
49	203	-	859	15	21	2.5	2.956	GST05-2M □□□090C12	E84DVB□2224S□1N2G	186
44	180	-	762	17	24	1.5	3.333	GST04-2M □□□090C12	E84DVB□2224S□1N2G	186
42	171	-	726	18	25	0.8	3.500	GST04-1M □□□090C12	E84DVB□2224S□1N2G	180
42	171	-	726	18	25	1.8	3.500	GST05-1M □□□090C12	E84DVB□2224S□1N2G	180
36	148	-	627	20	29	1.3	4.053	GST04-2M □□□090C12	E84DVB□2224S□1N2G	186
36	148	-	627	20	29	2.4	4.053	GST05-2M □□□090C12	E84DVB□2224S□1N2G	186
32	132	-	558	23	33	1.4	4.556	GST05-1M □□□090C12	E84DVB□2224S□1N2G	180
32	132	-	558	23	33	2.7	4.556	GST06-1M □□□090C12	E84DVB□2224S□1N2G	180
32	131	-	556	23	33	1.2	4.571	GST04-2M □□□090C12	E84DVB□2224S□1N2G	186
32	131	-	556	23	33	2.4	4.571	GST05-2M □□□090C12	E84DVB□2224S□1N2G	186
28	116	-	490	26	37	1.1	5.187	GST04-2M □□□090C12	E84DVB□2224S□1N2G	186
28	116	-	490	26	37	2.0	5.187	GST05-2M □□□090C12	E84DVB□2224S□1N2G	186
26	106	-	448	29	41	1.1	5.667	GST05-1M □□□090C12	E84DVB□2224S□1N2G	180
26	106	-	448	29	41	2.2	5.667	GST06-1M □□□090C12	E84DVB□2224S□1N2G	180
25	103	-	434	29	42	1.1	5.850	GST04-2M □□□090C12	E84DVB□2224S□1N2G	186
25	103	-	434	29	42	2.0	5.850	GST05-2M □□□090C12	E84DVB□2224S□1N2G	186
23	94	-	397	32	46	1.0	6.400	GST04-2M □□□090C12	E84DVB□2224S□1N2G	186
23	94	-	397	32	46	1.9	6.400	GST05-2M □□□090C12	E84DVB□2224S□1N2G	186
21	85	-	361	35	50	1.0	7.040	GST04-2M □□□090C12	E84DVB□2224S□1N2G	186
20	83	-	351	36	52	1.8	7.238	GST05-2M □□□090C12	E84DVB□2224S□1N2G	186
20	82	-	346	37	53	1.6	7.333	GST06-1M □□□090C12	E84DVB□2224S□1N2G	180
18	75	-	318	40	57	0.9	8.000	GST04-2M □□□090C12	E84DVB□2224S□1N2G	186
18	74	-	311	41	58	1.7	8.163	GST05-2M □□□090C12	E84DVB□2224S□1N2G	186
16	67	-	285	45	64	1.1	8.900	GST06-1M □□□090C12	E84DVB□2224S□1N2G	180
16	67	-	285	45	64	2.3	8.900	GST07-1M □□□090C12	E84DVB□2224S□1N2G	180
		-	282	45	64	0.8	9.010	GST04-2M □□□090C12	E84DVB□2224S□1N2G	186
16	67	-	282	45	64	1.6	9.010	GST05-2M □□□090C12	E84DVB□2224S□1N2G	186
15	60	-	254	50	71	1.5	10.000	GST05-2M □□□090C12	E84DVB□2224S□1N2G	186
13	54	-	227	56	80	1.3	11.200	GST05-2M □□□090C12	E84DVB□2224S□1N2G	186
13	53	-	226	57	81	1.4	11.250	GST07-1M □□□090C12	E84DVB□2224S□1N2G	180
13	53	-	226	57	81	2.2	11.250	GST09-1M □□□090C12	E84DVB□2224S□1N2G	180
11	46	-	195	65	93	1.2	13.016	GST05-2M □□□090C12	E84DVB□2224S□1N2G	186
10	42	-	178	71	102	2.5	14.286	GST06-2M □□□090C12	E84DVB□2224S□1N2G	186
10	42	-	177	72	102	1.2	14.356	GST05-2M □□□090C12	E84DVB□2224S□1N2G	186
9.5	39	-	165	77	110	2.8	15.400	GST06-2M □□□090C12	E84DVB□2224S□1N2G	186





87 Hz: P_N = 2.00 kW

n_{22} / n_2 = 1 ... 17.4

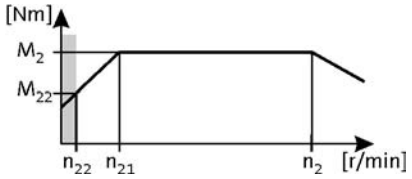
n_1 = 146.0 ... 2540 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
9.0	37	-	157	81	115	1.2	16.190	GST05-2M □□□090C12	E84DVB□2224S□1N2G	186
8.3	34	-	145	87	125	1.1	17.500	GST05-2M □□□090C12	E84DVB□2224S□1N2G	186
8.3	34	-	145	87	125	2.4	17.500	GST06-2M □□□090C12	E84DVB□2224S□1N2G	186
7.3	30	-	127	100	143	1.1	20.044	GST05-2M □□□090C12	E84DVB□2224S□1N2G	186
7.3	30	-	127	100	143	2.3	20.044	GST06-2M □□□090C12	E84DVB□2224S□1N2G	186
6.4	26	-	112	114	162	0.9	22.778	GST05-2M □□□090C12	E84DVB□2224S□1N2G	186
6.4	26	-	112	114	162	1.9	22.778	GST06-2M □□□090C12	E84DVB□2224S□1N2G	186
5.9	24	-	102	124	178	0.9	24.933	GST05-2M □□□090C12	E84DVB□2224S□1N2G	186
5.9	24	-	102	124	178	1.9	24.933	GST06-2M □□□090C12	E84DVB□2224S□1N2G	186
5.2	21	-	90	141	202	1.5	28.333	GST06-2M □□□090C12	E84DVB□2224S□1N2G	186
4.5	19	-	79	161	230	1.5	32.267	GST06-2M □□□090C12	E84DVB□2224S□1N2G	186
4.5	19	-	79	161	230	2.9	32.267	GST07-2M □□□090C12	E84DVB□2224S□1N2G	186
4.0	16	-	69	183	261	1.2	36.667	GST06-2M □□□090C12	E84DVB□2224S□1N2G	186
4.0	16	-	69	183	261	2.6	36.667	GST07-2M □□□090C12	E84DVB□2224S□1N2G	186
3.7	15	-	65	193	275	1.1	39.200	GST06-3M □□□090C12	E84DVB□2224S□1N2G	192
3.7	15	-	65	195	279	1.3	39.160	GST06-2M □□□090C12	E84DVB□2224S□1N2G	186
3.7	15	-	65	193	275	2.4	39.200	GST07-3M □□□090C12	E84DVB□2224S□1N2G	192
3.7	15	-	65	195	279	2.4	39.160	GST07-2M □□□090C12	E84DVB□2224S□1N2G	186
3.3	14	-	58	216	309	1.1	44.000	GST06-3M □□□090C12	E84DVB□2224S□1N2G	192
3.3	14	-	58	216	309	2.3	44.000	GST07-3M □□□090C12	E84DVB□2224S□1N2G	192
3.3	14	-	57	222	317	1.0	44.500	GST06-2M □□□090C12	E84DVB□2224S□1N2G	186
3.3	14	-	57	222	317	2.2	44.500	GST07-2M □□□090C12	E84DVB□2224S□1N2G	186
3.0	12	-	51	247	353	1.7	49.500	GST07-2M □□□090C12	E84DVB□2224S□1N2G	186
3.0	12	-	51	247	353	2.7	49.500	GST09-2M □□□090C12	E84DVB□2224S□1N2G	186
2.9	12	-	50	251	358	0.9	51.022	GST06-3M □□□090C12	E84DVB□2224S□1N2G	192
2.9	12	-	50	251	358	2.0	51.022	GST07-3M □□□090C12	E84DVB□2224S□1N2G	192
2.7	11	-	47	265	378	0.9	53.900	GST06-3M □□□090C12	E84DVB□2224S□1N2G	192
2.7	11	-	47	265	378	1.9	53.900	GST07-3M □□□090C12	E84DVB□2224S□1N2G	192
2.6	11	-	45	281	401	1.7	56.250	GST07-2M □□□090C12	E84DVB□2224S□1N2G	186
2.6	11	-	45	281	401	2.7	56.250	GST09-2M □□□090C12	E84DVB□2224S□1N2G	186
2.2	9.2	-	39	320	457	1.6	65.079	GST07-3M □□□090C12	E84DVB□2224S□1N2G	192
2.1	8.6	-	36	345	493	1.4	70.156	GST07-3M □□□090C12	E84DVB□2224S□1N2G	192
2.0	8.4	-	35	353	505	2.9	71.867	GST09-3M □□□090C12	E84DVB□2224S□1N2G	192
1.8	7.5	-	32	392	560	1.3	79.762	GST07-3M □□□090C12	E84DVB□2224S□1N2G	192
1.8	7.4	-	31	401	573	2.8	81.667	GST09-3M □□□090C12	E84DVB□2224S□1N2G	192
1.7	7.0	-	30	423	604	1.2	85.983	GST07-3M □□□090C12	E84DVB□2224S□1N2G	192
1.6	6.4	-	27	460	657	2.5	93.541	GST09-3M □□□090C12	E84DVB□2224S□1N2G	192
1.5	6.1	-	26	480	686	1.0	97.708	GST07-3M □□□090C12	E84DVB□2224S□1N2G	192
1.5	6.1	-	26	487	696	2.3	99.167	GST09-3M □□□090C12	E84DVB□2224S□1N2G	192
1.3	5.4	-	23	550	786	0.9	111.915	GST07-3M □□□090C12	E84DVB□2224S□1N2G	192
1.3	5.3	-	22	558	797	2.0	113.585	GST09-3M □□□090C12	E84DVB□2224S□1N2G	192

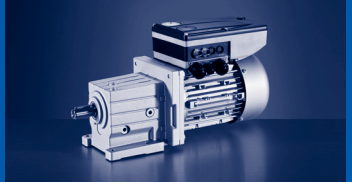
87 Hz: P_N = 2.00 kW

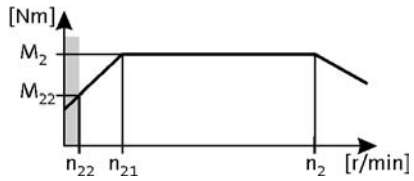
n_{22} / n_2 = 1 ... 17.4

n_1 = 146.0 ... 2540 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
1.1	4.7	-	20	634	906	1.8	129.074	GST09-3M □□□090C12	E84DVB□2224S□1N2G	192
1.1	4.7	-	20	634	906	3.1	129.074	GST11-3M □□□090C12	E84DVB□2224S□1N2G	192
1.0	4.3	-	18	694	992	1.6	141.289	GST09-3M □□□090C12	E84DVB□2224S□1N2G	192
1.0	4.1	-	17	722	1032	2.6	146.993	GST11-3M □□□090C12	E84DVB□2224S□1N2G	192
0.9	3.7	-	16	789	1127	1.4	160.556	GST09-3M □□□090C12	E84DVB□2224S□1N2G	192
0.9	3.8	-	16	777	1111	2.5	158.194	GST11-3M □□□090C12	E84DVB□2224S□1N2G	192
0.8	3.3	-	14	899	1284	1.3	182.844	GST09-3M □□□090C12	E84DVB□2224S□1N2G	192
0.8	3.3	-	14	885	1265	2.1	180.156	GST11-3M □□□090C12	E84DVB□2224S□1N2G	192
0.7	2.9	-	12	1021	1459	1.1	207.778	GST09-3M □□□090C12	E84DVB□2224S□1N2G	192
0.7	2.9	-	12	1021	1459	1.9	207.778	GST11-3M □□□090C12	E84DVB□2224S□1N2G	192
0.6	2.5	-	11	1163	1661	1.0	236.622	GST09-3M □□□090C12	E84DVB□2224S□1N2G	192
0.6	2.5	-	11	1163	1661	1.6	236.622	GST11-3M □□□090C12	E84DVB□2224S□1N2G	192
0.6	2.4	-	10	1239	1770	0.9	252.167	GST09-3M □□□090C12	E84DVB□2224S□1N2G	192
0.6	2.4	-	10	1239	1770	1.6	252.167	GST11-3M □□□090C12	E84DVB□2224S□1N2G	192
0.5	2.2	-	9.5	1321	1888	0.9	268.889	GST09-3M □□□090C12	E84DVB□2224S□1N2G	192
0.5	2.2	-	9.5	1321	1888	1.5	268.889	GST11-3M □□□090C12	E84DVB□2224S□1N2G	192
0.5	2.2	-	9.5	1321	1888	3.1	268.889	GST14-3M □□□090C12	E84DVB□2224S□1N2G	192
0.5	1.8	-	7.8	1604	2291	1.2	326.333	GST11-3M □□□090C12	E84DVB□2224S□1N2G	192
0.5	1.8	-	7.8	1604	2291	2.6	326.333	GST14-3M □□□090C12	E84DVB□2224S□1N2G	192
0.4	1.7	-	7.0	1784	2548	1.1	363.000	GST11-3M □□□090C12	E84DVB□2224S□1N2G	192
0.4	1.7	-	7.0	1784	2548	2.3	363.000	GST14-3M □□□090C12	E84DVB□2224S□1N2G	192
0.4	1.5	-	6.2	2027	2896	1.0	412.500	GST11-3M □□□090C12	E84DVB□2224S□1N2G	192
0.4	1.5	-	6.2	2027	2896	2.0	412.500	GST14-3M □□□090C12	E84DVB□2224S□1N2G	192





87 Hz: P_N = 2.70 kW

n_{22} / n_2 = 1 ... 17.4

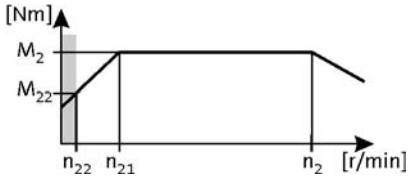
n_1 = 146.3 ... 2545 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
91	375	-	1591	11	16	1.0	1.600	GST04-1M □□□090C32	E84DVB□3024S□1N2G	180
91	375	-	1591	11	16	2.4	1.600	GST05-1M □□□090C32	E84DVB□3024S□1N2G	180
71	293	-	1243	14	20	1.0	2.048	GST04-1M □□□090C32	E84DVB□3024S□1N2G	180
71	293	-	1243	14	20	2.2	2.048	GST05-1M □□□090C32	E84DVB□3024S□1N2G	180
65	268	-	1136	15	22	0.9	2.240	GST04-1M □□□090C32	E84DVB□3024S□1N2G	180
65	268	-	1136	15	22	2.0	2.240	GST05-1M □□□090C32	E84DVB□3024S□1N2G	180
51	210	-	891	20	28	1.6	2.857	GST05-1M □□□090C32	E84DVB□3024S□1N2G	180
50	203	-	861	20	29	1.2	2.956	GST04-2M □□□090C32	E84DVB□3024S□1N2G	186
50	203	-	861	20	29	1.9	2.956	GST05-2M □□□090C32	E84DVB□3024S□1N2G	186
44	180	-	764	23	32	1.1	3.333	GST04-2M □□□090C32	E84DVB□3024S□1N2G	186
44	180	-	764	23	32	2.0	3.333	GST05-2M □□□090C32	E84DVB□3024S□1N2G	186
42	171	-	727	24	34	1.3	3.500	GST05-1M □□□090C32	E84DVB□3024S□1N2G	180
42	171	-	727	24	34	2.6	3.500	GST06-1M □□□090C32	E84DVB□3024S□1N2G	180
36	148	-	628	28	39	1.0	4.053	GST04-2M □□□090C32	E84DVB□3024S□1N2G	186
36	148	-	628	28	39	1.7	4.053	GST05-2M □□□090C32	E84DVB□3024S□1N2G	186
32	132	-	559	31	45	1.0	4.556	GST05-1M □□□090C32	E84DVB□3024S□1N2G	180
32	132	-	559	31	45	2.0	4.556	GST06-1M □□□090C32	E84DVB□3024S□1N2G	180
32	131	-	557	31	44	0.9	4.571	GST04-2M □□□090C32	E84DVB□3024S□1N2G	186
32	131	-	557	31	44	1.7	4.571	GST05-2M □□□090C32	E84DVB□3024S□1N2G	186
28	116	-	491	35	50	0.8	5.187	GST04-2M □□□090C32	E84DVB□3024S□1N2G	186
28	116	-	491	35	50	1.5	5.187	GST05-2M □□□090C32	E84DVB□3024S□1N2G	186
26	108	-	456	38	55	2.5	5.583	GST07-1M □□□090C32	E84DVB□3024S□1N2G	180
26	106	-	449	39	56	0.8	5.667	GST05-1M □□□090C32	E84DVB□3024S□1N2G	180
26	106	-	449	39	56	1.6	5.667	GST06-1M □□□090C32	E84DVB□3024S□1N2G	180
25	103	-	435	40	57	1.5	5.850	GST05-2M □□□090C32	E84DVB□3024S□1N2G	186
23	94	-	398	43	62	1.4	6.400	GST05-2M □□□090C32	E84DVB□3024S□1N2G	186
20	83	-	352	49	70	1.3	7.238	GST05-2M □□□090C32	E84DVB□3024S□1N2G	186
20	82	-	347	51	72	1.2	7.333	GST06-1M □□□090C32	E84DVB□3024S□1N2G	180
20	82	-	347	51	72	2.0	7.333	GST07-1M □□□090C32	E84DVB□3024S□1N2G	180
20	82	-	347	51	72	2.5	7.333	GST09-1M □□□090C32	E84DVB□3024S□1N2G	180
18	74	-	312	55	79	1.2	8.163	GST05-2M □□□090C32	E84DVB□3024S□1N2G	186
18	74	-	312	55	79	2.7	8.163	GST06-2M □□□090C32	E84DVB□3024S□1N2G	186
16	67	-	286	61	88	0.8	8.900	GST06-1M □□□090C32	E84DVB□3024S□1N2G	180
16	67	-	286	61	88	1.7	8.900	GST07-1M □□□090C32	E84DVB□3024S□1N2G	180
16	67	-	286	61	88	2.1	8.900	GST09-1M □□□090C32	E84DVB□3024S□1N2G	180
16	67	-	283	61	87	1.1	9.010	GST05-2M □□□090C32	E84DVB□3024S□1N2G	186
16	67	-	283	61	87	2.5	9.010	GST06-2M □□□090C32	E84DVB□3024S□1N2G	186
15	60	-	255	68	97	1.1	10.000	GST05-2M □□□090C32	E84DVB□3024S□1N2G	186
15	60	-	255	68	97	2.3	10.000	GST06-2M □□□090C32	E84DVB□3024S□1N2G	186
13	54	-	227	76	109	1.0	11.200	GST05-2M □□□090C32	E84DVB□3024S□1N2G	186
13	54	-	227	76	109	2.2	11.200	GST06-2M □□□090C32	E84DVB□3024S□1N2G	186

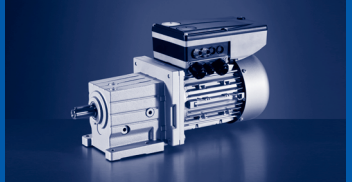
87 Hz: P_N = 2.70 kW

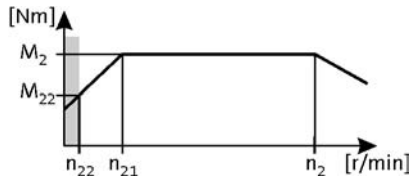
n_{22} / n_2 = 1 ... 17.4

n_1 = 146.3 ... 2545 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
13	53	-	226	77	111	1.0	11.250	GST07-1M □□□090C32	E84DVB□3024S□1N2G	180
13	53	-	226	77	111	1.7	11.250	GST09-1M □□□090C32	E84DVB□3024S□1N2G	180
12	48	-	202	85	122	2.0	12.571	GST06-2M □□□090C32	E84DVB□3024S□1N2G	186
11	46	-	196	88	126	0.9	13.016	GST05-2M □□□090C32	E84DVB□3024S□1N2G	186
10	42	-	178	97	138	1.9	14.286	GST06-2M □□□090C32	E84DVB□3024S□1N2G	186
10	42	-	177	97	139	0.8	14.356	GST05-2M □□□090C32	E84DVB□3024S□1N2G	186
9.5	39	-	165	104	149	2.0	15.400	GST06-2M □□□090C32	E84DVB□3024S□1N2G	186
9.0	37	-	157	110	157	0.9	16.190	GST05-2M □□□090C32	E84DVB□3024S□1N2G	186
8.4	34	-	145	119	170	1.8	17.500	GST06-2M □□□090C32	E84DVB□3024S□1N2G	186
7.3	30	-	127	136	194	1.7	20.044	GST06-2M □□□090C32	E84DVB□3024S□1N2G	186
6.4	26	-	112	154	221	1.4	22.778	GST06-2M □□□090C32	E84DVB□3024S□1N2G	186
6.4	26	-	112	154	221	3.0	22.778	GST07-2M □□□090C32	E84DVB□3024S□1N2G	186
6.0	24	-	104	167	238	2.8	24.567	GST07-2M □□□090C32	E84DVB□3024S□1N2G	186
5.9	24	-	102	169	242	1.4	24.933	GST06-2M □□□090C32	E84DVB□3024S□1N2G	186
5.2	22	-	91	189	270	2.4	27.917	GST07-2M □□□090C32	E84DVB□3024S□1N2G	186
5.2	21	-	90	192	274	1.1	28.333	GST06-2M □□□090C32	E84DVB□3024S□1N2G	186
4.5	19	-	79	219	313	1.1	32.267	GST06-2M □□□090C32	E84DVB□3024S□1N2G	186
4.5	19	-	79	219	313	2.2	32.267	GST07-2M □□□090C32	E84DVB□3024S□1N2G	186
4.5	19	-	79	219	313	2.8	32.267	GST09-2M □□□090C32	E84DVB□3024S□1N2G	186
4.0	16	-	69	249	355	0.9	36.667	GST06-2M □□□090C32	E84DVB□3024S□1N2G	186
4.0	16	-	69	249	355	1.9	36.667	GST07-2M □□□090C32	E84DVB□3024S□1N2G	186
4.0	16	-	69	249	355	2.8	36.667	GST09-2M □□□090C32	E84DVB□3024S□1N2G	186
3.7	15	-	65	262	374	0.8	39.200	GST06-3M □□□090C32	E84DVB□3024S□1N2G	192
3.7	15	-	65	266	379	0.9	39.160	GST06-2M □□□090C32	E84DVB□3024S□1N2G	186
3.7	15	-	65	262	374	1.8	39.200	GST07-3M □□□090C32	E84DVB□3024S□1N2G	192
3.7	15	-	65	266	379	1.8	39.160	GST07-2M □□□090C32	E84DVB□3024S□1N2G	186
3.7	15	-	65	266	379	2.4	39.160	GST09-2M □□□090C32	E84DVB□3024S□1N2G	186
3.4	14	-	59	289	413	3.1	43.267	GST09-3M □□□090C32	E84DVB□3024S□1N2G	192
3.3	14	-	58	294	420	1.7	44.000	GST07-3M □□□090C32	E84DVB□3024S□1N2G	192
3.3	14	-	57	302	431	1.6	44.500	GST07-2M □□□090C32	E84DVB□3024S□1N2G	186
3.3	14	-	57	302	431	2.6	44.500	GST09-2M □□□090C32	E84DVB□3024S□1N2G	186
3.0	12	-	52	328	469	3.1	49.167	GST09-3M □□□090C32	E84DVB□3024S□1N2G	192
3.0	12	-	51	336	479	1.3	49.500	GST07-2M □□□090C32	E84DVB□3024S□1N2G	186
3.0	12	-	51	336	479	2.0	49.500	GST09-2M □□□090C32	E84DVB□3024S□1N2G	186
2.9	12	-	50	341	487	1.4	51.022	GST07-3M □□□090C32	E84DVB□3024S□1N2G	192
2.8	11	-	48	354	506	2.7	53.044	GST09-3M □□□090C32	E84DVB□3024S□1N2G	192
2.7	11	-	47	360	514	1.4	53.900	GST07-3M □□□090C32	E84DVB□3024S□1N2G	192
2.6	11	-	45	381	545	1.3	56.250	GST07-2M □□□090C32	E84DVB□3024S□1N2G	186
2.6	11	-	45	381	545	2.0	56.250	GST09-2M □□□090C32	E84DVB□3024S□1N2G	186
2.4	10	-	42	403	575	2.7	60.278	GST09-3M □□□090C32	E84DVB□3024S□1N2G	192
2.3	9.2	-	39	435	621	1.1	65.079	GST07-3M □□□090C32	E84DVB□3024S□1N2G	192





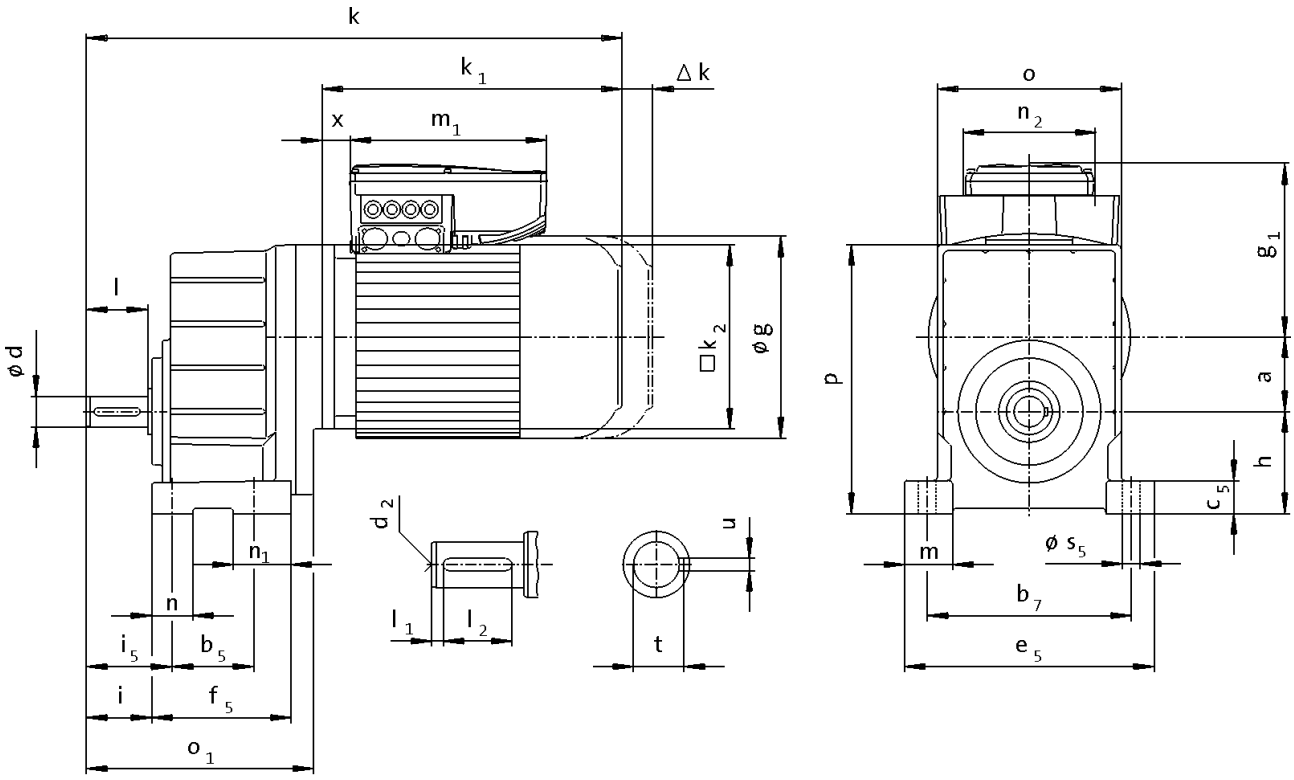
87 Hz: P_N = 2.70 kW

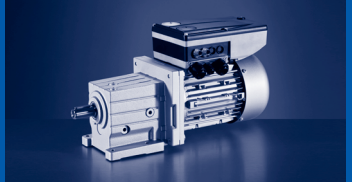
n_{22} / n_2 = 1 ... 17.4

n_1 = 146.3 ... 2545 r/min

n_{22}	n_{21}		n_2	M_{22}	M_2	c	i			
[r/min]	[r/min]		[r/min]	[Nm]	[Nm]					
2.1	8.6	-	36	469	669	1.1	70.156	GST07-3M □□□090C32	E84DVB□3024S□1N2G	192
2.0	8.4	-	35	480	686	2.2	71.867	GST09-3M □□□090C32	E84DVB□3024S□1N2G	192
1.8	7.5	-	32	533	761	0.9	79.762	GST07-3M □□□090C32	E84DVB□3024S□1N2G	192
1.8	7.4	-	31	545	779	2.0	81.667	GST09-3M □□□090C32	E84DVB□3024S□1N2G	192
1.7	7.0	-	30	574	820	0.9	85.983	GST07-3M □□□090C32	E84DVB□3024S□1N2G	192
1.6	6.4	-	27	625	892	1.8	93.541	GST09-3M □□□090C32	E84DVB□3024S□1N2G	192
1.5	6.1	-	26	662	946	1.7	99.167	GST09-3M □□□090C32	E84DVB□3024S□1N2G	192
1.3	5.3	-	22	759	1084	1.5	113.585	GST09-3M □□□090C32	E84DVB□3024S□1N2G	192
1.1	4.7	-	20	862	1231	1.3	129.074	GST09-3M □□□090C32	E84DVB□3024S□1N2G	192
1.1	4.7	-	20	862	1231	2.3	129.074	GST11-3M □□□090C32	E84DVB□3024S□1N2G	192
1.0	4.3	-	18	944	1348	1.2	141.289	GST09-3M □□□090C32	E84DVB□3024S□1N2G	192
1.0	4.1	-	17	982	1402	1.9	146.993	GST11-3M □□□090C32	E84DVB□3024S□1N2G	192
0.9	3.7	-	16	1072	1532	1.1	160.556	GST09-3M □□□090C32	E84DVB□3024S□1N2G	192
0.9	3.8	-	16	1056	1509	1.9	158.194	GST11-3M □□□090C32	E84DVB□3024S□1N2G	192
0.8	3.3	-	14	1221	1744	0.9	182.844	GST09-3M □□□090C32	E84DVB□3024S□1N2G	192
0.8	3.3	-	14	1203	1719	1.6	180.156	GST11-3M □□□090C32	E84DVB□3024S□1N2G	192
0.7	2.9	-	12	1388	1982	0.8	207.778	GST09-3M □□□090C32	E84DVB□3024S□1N2G	192
0.7	2.9	-	12	1388	1982	1.4	207.778	GST11-3M □□□090C32	E84DVB□3024S□1N2G	192
0.7	2.9	-	12	1367	1953	2.9	204.722	GST14-3M □□□090C32	E84DVB□3024S□1N2G	192
0.6	2.5	-	11	1580	2257	1.2	236.622	GST11-3M □□□090C32	E84DVB□3024S□1N2G	192
0.6	2.5	-	11	1580	2257	2.6	236.622	GST14-3M □□□090C32	E84DVB□3024S□1N2G	192
0.6	2.4	-	10	1684	2406	1.2	252.167	GST11-3M □□□090C32	E84DVB□3024S□1N2G	192
0.6	2.4	-	10	1659	2370	2.5	248.458	GST14-3M □□□090C32	E84DVB□3024S□1N2G	192
0.5	2.2	-	9.5	1796	2565	1.1	268.889	GST11-3M □□□090C32	E84DVB□3024S□1N2G	192
0.5	2.2	-	9.5	1796	2565	2.3	268.889	GST14-3M □□□090C32	E84DVB□3024S□1N2G	192
0.5	1.8	-	7.8	2179	3113	0.9	326.333	GST11-3M □□□090C32	E84DVB□3024S□1N2G	192
0.5	1.8	-	7.8	2179	3113	1.9	326.333	GST14-3M □□□090C32	E84DVB□3024S□1N2G	192
0.4	1.7	-	7.0	2424	3463	1.7	363.000	GST14-3M □□□090C32	E84DVB□3024S□1N2G	192
0.4	1.5	-	6.2	2755	3935	1.5	412.500	GST14-3M □□□090C32	E84DVB□3024S□1N2G	192

GST□□-1M VBR


k
k 1
Δ k
x
m 1
l
ø d
□k 2
ø g
n 1
n
i 5
b 5
i
f 5
o 1
d 2
l 1
l 2
u
t
o
n 2
g 1
p
a
h
c 5
m
ø s 5
b 7
e 5



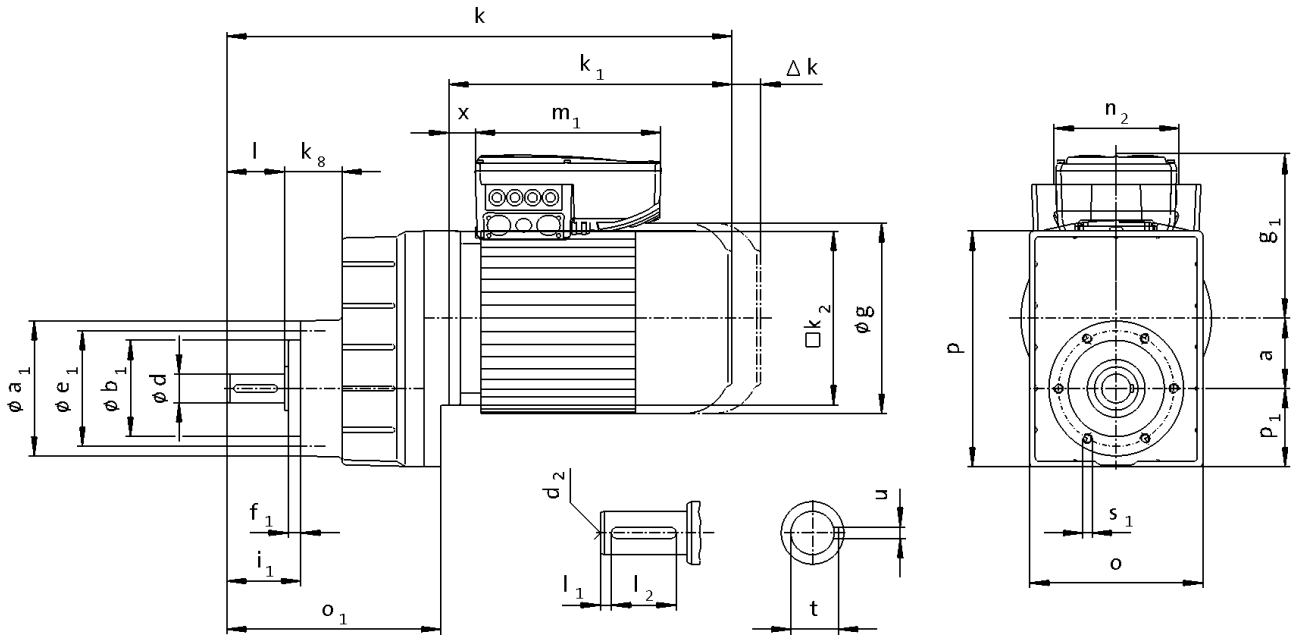
		063C32	063C42	071C32 071C42	080C32	080C42	090C32	100C12 100C32
g		123		139	156		176	194
$g_{1, 50Hz}$				163	172		177	217
$g_{1, 87Hz}$		154		163	172	201	205.5	
k_1	MDEMAXX	187		207	224.5		248	309
k_2		120			145		180	
x_{50Hz}				21	25.5		28.8	29.6
x_{87Hz}		18.8		21	25.5	24.5	27.8	
$m_{1, 50Hz}$				241				260
$m_{1, 87Hz}$		241				260		
$n_{2, 50Hz}$				161				176
$n_{2, 87Hz}$		161				176		
Δ k	MDEMABR	40		52	73		68	76
	MDFMAXX	128						109
	MDFMABR	170		165	183		181	170
		k						
GST04		331		351	373		407	
GST05			352	372	394		428	489
GST06			375	395	417		451	512
GST07					446		480	541
GST09							523	584

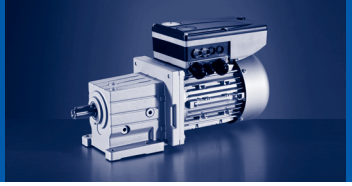
	a	h[1)]	o[1)]	p[1)]
GST04	36	50	100	138
GST05	45	63	115	168
GST06	56	80	145	211
GST07	70	100	180	264
GST09	89	125	222	329

	d	d_2	l	l_1	l_2	u	t	i	i_5	o_1	b_5	b_7	c_5	e_5	f_5	m	n	n_1	s_5
	k6																		
GST04	16	M5	32	6	20	5	18	35	45	134	55	105	17	128	80	24	20	25	9
GST05	20	M6	40	6	28	6	22.5	43	56	165	70	125	22	154	99	32	26	29	11
GST06	25	M10	50	4	40	8	28	53	68	191	72	160	27	194	115	37	30	43	13.5
GST07	30	M10	60	7.5	45	8	33	64	84	223	80	200	35	245	137	48	40	57	18
GST09	40	M16	80	8.5	63	12	43	84	107	271	105	245	43	296	161	51	45	56	18

[1)] k_2 !

GST□□-1M VCR


k
k 1
Δ k
x
m 1
l
k 8
ø a 1
ø e 1
ø b 1
ø d
f 1
i 1
o 1
□k 2
ø g
d 2
l 1
l 2
u
t
n 2
g 1
p
a
p 1
s 1
o



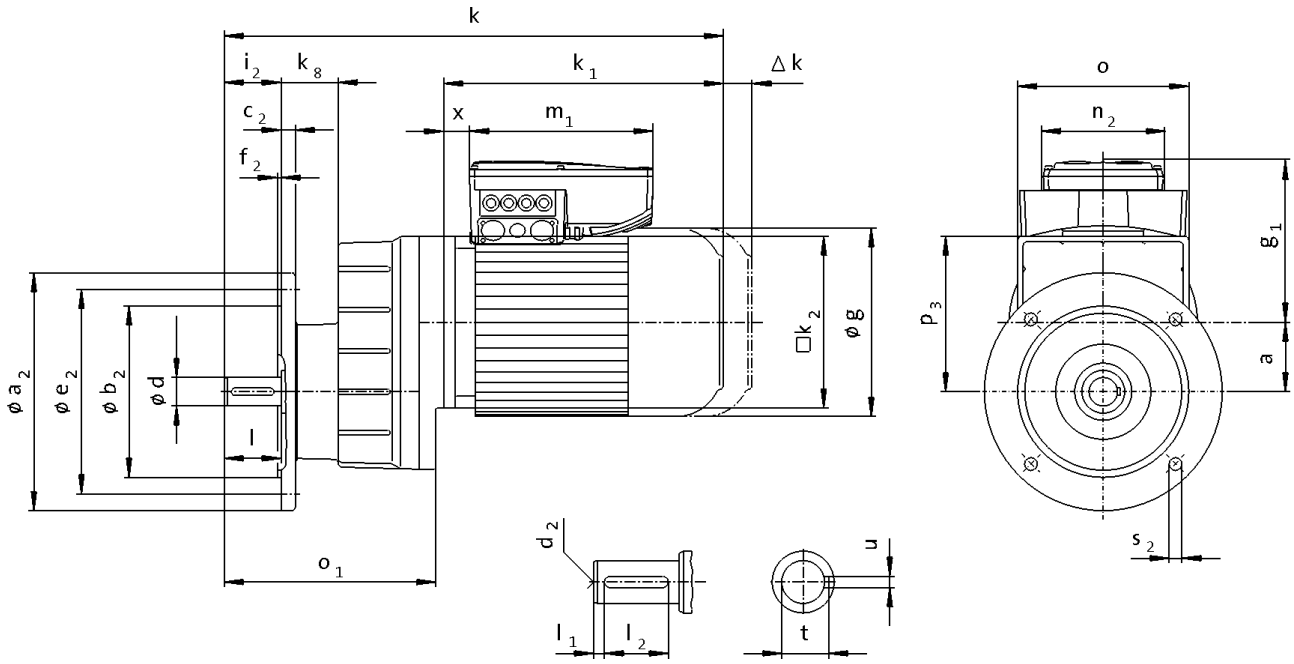
		063C32	063C42	071C32 071C42	080C32	080C42	090C32	100C12 100C32
g		123		139	156		176	194
$g_{1, 50Hz}$				163	172		177	217
$g_{1, 87Hz}$		154		163	172	201	205.5	
k_1	MDEMAXX	187		207	224.5		248	309
k_2		120			145		180	
x_{50Hz}				21	25.5		28.8	29.6
x_{87Hz}		18.8		21	25.5	24.5	27.8	
$m_{1, 50Hz}$				241				260
$m_{1, 87Hz}$		241				260		
$n_{2, 50Hz}$				161				176
$n_{2, 87Hz}$		161				176		
Δ k	MDEMABR	40		52	73		68	76
	MDFMAXX	128						109
	MDFMABR	170		165	183		181	170
		k						
GST04		331		351	373		407	
GST05			352	372	394		428	489
GST06			375	395	417		451	512
GST07					446		480	541
GST09							523	584

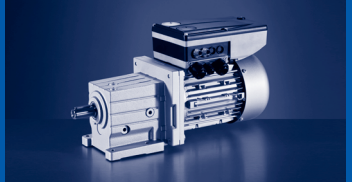
	a	k_8	$o^{1)}$	$p^{1)}$	p_1
GST04	36	35	100	129	41
GST05	45	43	115	156	51
GST06	56	48	145	194	63
GST07	70	60	180	245	82
GST09	89	74	222	304	101

	d	d_2	l	l_1	l_2	u	t	i_1	o_1	a_1	b_1	e_1	f_1	s_1
	k6										h7			
GST04	16	M5	32	6	20	5	18	43	134	72	48	61	8	M5x10
GST05	20	M6	40	6	28	6	22.5	52	165	88	58	74	9	M6x10
GST06	25	M10	50	4	40	8	28	64	191	109	70	90	11	M8x14
GST07	30	M10	60	7.5	45	8	33	77	223	140	100	120	13	M10x18
GST09	40	M16	80	8.5	63	12	43	100	271	174	120	145	15	M12x20

[1)] k_2 !

GST□□-1M VCK


k
i 2
k 8
k 1
Δ k
c 2
x
m 1
f 2
o
n 2
g 1
p 3
a
ø a 2
ø e 2
ø b 2
ø d
l
□k 2
ø g
o 1
d 2
u
l 1
l 2
t
s 2



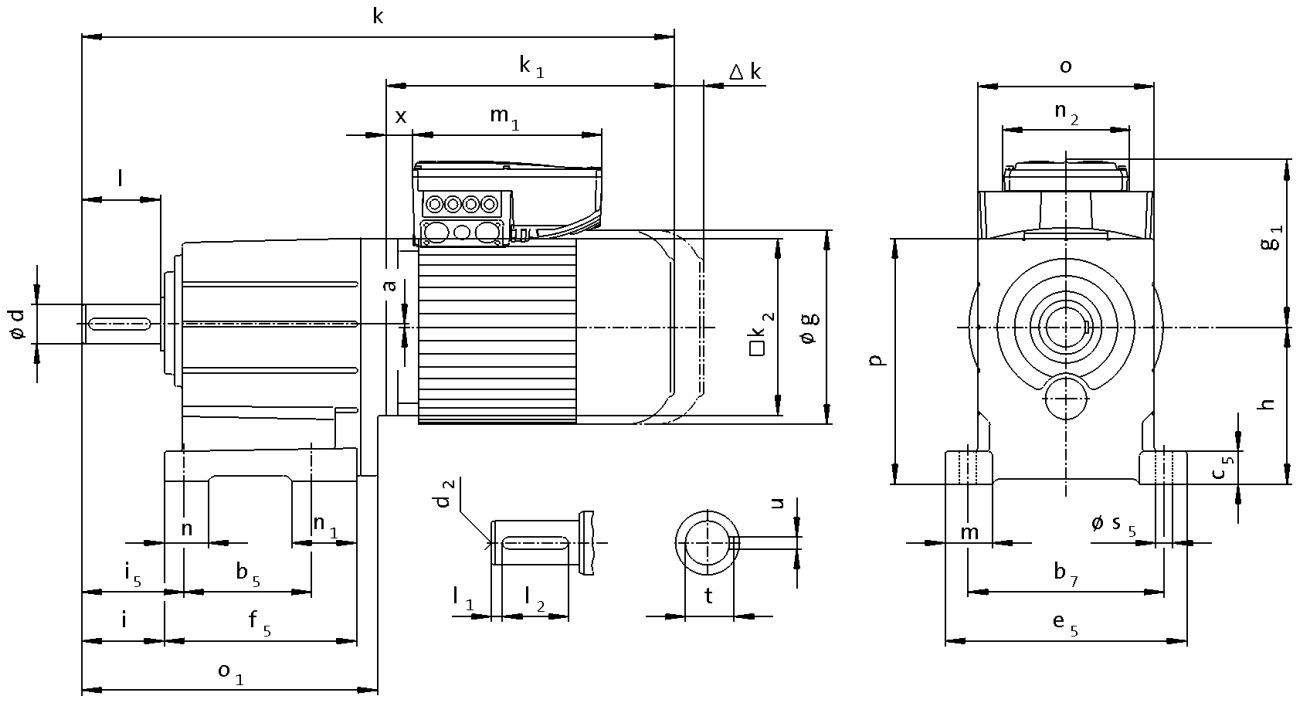
		063C32	063C42	071C32 071C42	080C32	080C42	090C32	100C12 100C32
g		123		139	156		176	194
$g_{1,\ 50Hz}$				163	172		177	217
$g_{1,\ 87Hz}$		154		163	172	201	205.5	
k_1	MDEMAXX	187		207	224.5		248	309
k_2		120			145		180	
x_{50Hz}				21	25.5		28.8	29.6
x_{87Hz}		18.8		21	25.5	24.5	27.8	
$m_{1,\ 50Hz}$				241				260
$m_{1,\ 87Hz}$		241				260		
$n_{2,\ 50Hz}$				161				176
$n_{2,\ 87Hz}$		161				176		
Δ k	MDEMABR	40		52	73		68	76
	MDFMAXX	128						109
	MDFMABR	170		165	183		181	170
		k						
GST04		331		351	373		407	
GST05			352	372	394		428	489
GST06			375	395	417		451	512
GST07					446		480	541
GST09							523	584

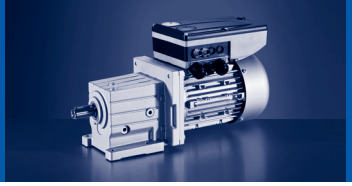
	a	k_8	$o^{1)}$	p_1	$p_3{}^{1)}$
GST04	36	35	100	41	88
GST05	45	43	115	51	105
GST06	56	48	145	63	131
GST07	70	60	180	82	164
GST09	89	74	222	101	204

	d	d_2	l	l_1	l_2	u	t	i_2	o_1	a_2	b_2	c_2	e_2	f_2	s_2
	k6										j7				
GST04	16	M5	32	6	20	5	18	32	134	120 140 160	80 95 110	10 10 10	100 115 130	3 3 3.5	7 9 9
GST05	20	M6	40	6	28	6	22.5	40	165	120 140 160 200	80 95 110 130	10 10 10 12	100 115 130 165	3 3 3.5 3.5	7 9 9 11
GST06	25	M10	50	4	40	8	28	50	191	160 200	110 130	12 12	130 165	3.5 3.5	9 11
GST07	30	M10	60	7.5	45	8	33	60	223	200 250	130 180	14 15	165 215	3.5 4	11 13.5
GST09	40	M16	80	8.5	63	12	43	80	271	250 300	180 230	16 18	215 265	4 4	13.5 13.5

[1)] k_2 !

GST□□-2M VBR


k
k 1
Δ k
x
m 1
l
ø d
a
□k 2
ø g
n
n 1
i 5
b 5
i
f 5
o 1
d 2
l 1
l 2
u
t
o
n 2
g 1
p
h
c 5
m
ø s 5
b 7
e 5



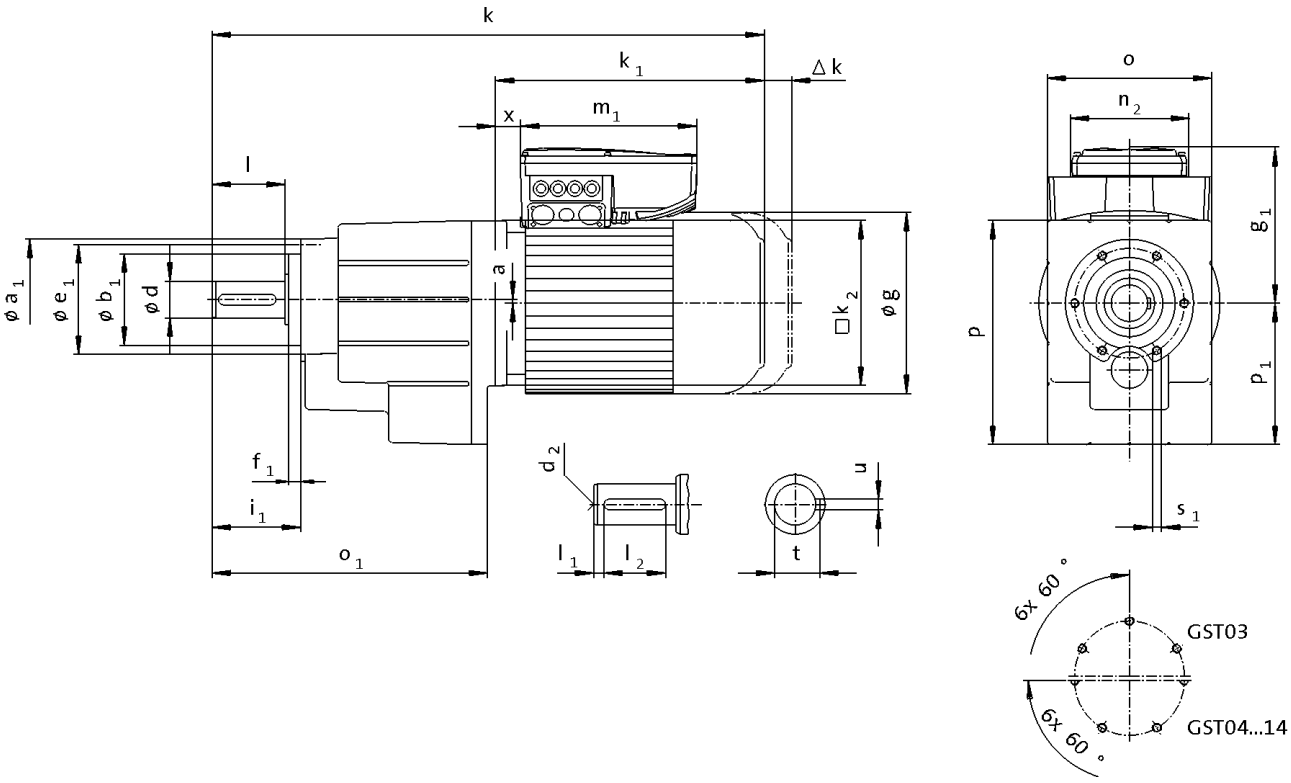
		063C32	063C42	071C32 071C42	080C32	080C42	090C32	100C12 100C32
g		123		139	156		176	194
$g_{1,\ 50Hz}$				163	172		177	217
$g_{1,\ 87Hz}$		154		163	172	201	205.5	
k_1	MDEMAXX	187		207	224.5		248	309
k_2		120			145		180	
x_{50Hz}				21	25.5		28.8	29.6
x_{87Hz}		18.8		21	25.5	24.5	27.8	
$m_{1,\ 50Hz}$				241				260
$m_{1,\ 87Hz}$		241				260		
$n_{2,\ 50Hz}$				161				176
$n_{2,\ 87Hz}$		161				176		
Δ k	MDEMABR	40		52	73		68	76
	MDFMAXX	128						109
	MDFMABR	170		165	183		181	170
		k						
GST03		329		349				
GST04		371		391	413		447	
GST05			401	421	443		477	538
GST06			427	447	469		503	564
GST07					525		559	620
GST09							622	683
GST11								740

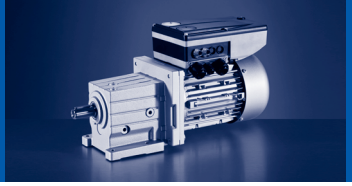
	a	h[1)]	o[1)]	p[1)]
GST03	2	65	90	101
GST04	0	80	100	132
GST05	1	100	115	158.5
GST06	2	125	145	198
GST07	3	160	180	251
GST09	4	200	222	311
GST11	4	250	270	385

	d	d	d_2	l	l_1	l_2	u	t	i	i_5	o_1	b_5	b_7	c_5	e_5	f_5	m	n	n_1	s_5
	k6	m6																		
GST03	14 20		M5 M6	28 40	4 5	20 28	5 6	16 22.5	34 46	40 52	127 139	60	91	11	105	84	20			6.6
GST04	20		M6	40	5	28	6	22.5	43	53	174	76	105	18	129	112	24.5	20	36	9
GST05	25		M10	50	4	40	8	28	53	66	214	90	125	23	155	139	32.5	26	49	11
GST06	30		M10	60	6	45	8	33	64	79	243	106	160	28	196	157	38	35	52	13.5
GST07	40		M16	80	7	63	12	43	84	104	302	130	200	34	247	196	48.5	45	66	18
GST09	50		M16	100	8	80	14	53.5	105	127.5	370	165	245	44	298	239	54	48	74	18
GST11		60	M20	120	8	100	18	64	125	155	433	200	300	54	368	280	69	65	80	22

[1)] k_2 !

GST□□-2M VCR


k
k 1
Δ k
x
m 1
l
ø a 1
ø e 1
ø b 1
ø d
a
□k 2
ø g
f 1
i 1
o 1
d 2
l 1
l 2
u
t
o
n 2
g 1
p
p 1
s 1
6x 60 °
GST03
6x 60 °
GST04...14



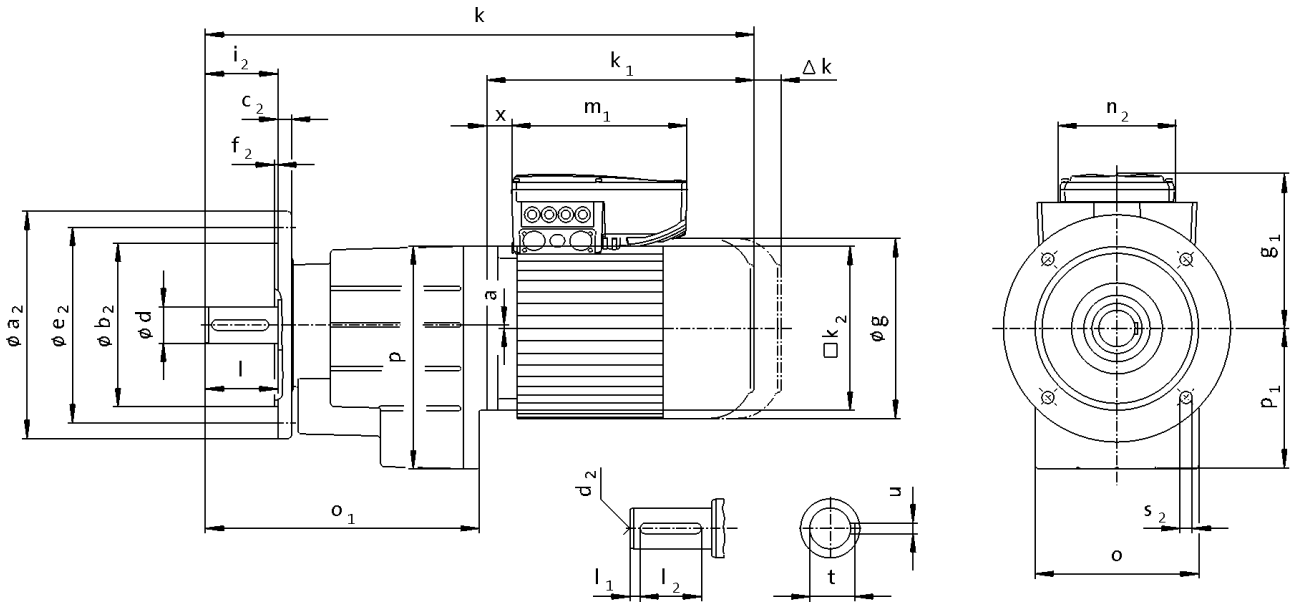
		063C32	063C42	071C32 071C42	080C32	080C42	090C32	100C12 100C32
g		123		139	156		176	194
$g_{1,\ 50Hz}$				163	172		177	217
$g_{1,\ 87Hz}$		154		163	172	201	205.5	
k_1	MDEMAXX	187		207	224.5		248	309
k_2		120			145		180	
x_{50Hz}				21	25.5		28.8	29.6
x_{87Hz}		18.8		21	25.5	24.5	27.8	
$m_{1,\ 50Hz}$				241				260
$m_{1,\ 87Hz}$		241				260		
$n_{2,\ 50Hz}$				161				176
$n_{2,\ 87Hz}$		161				176		
Δ k	MDEMABR	40		52	73		68	76
	MDFMAXX	128						109
	MDFMABR	170		165	183		181	170
		k						
GST03		329		349				
GST04		371		391	413		447	
GST05			401	421	443		477	538
GST06			427	447	469		503	564
GST07					525		559	620
GST09							622	683
GST11								740

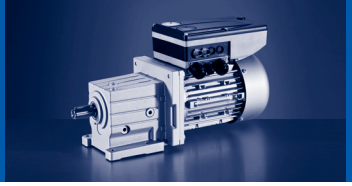
	a	o[1)]	p[1)]	p_1
GST03	2	90	100	64
GST04	0	100	129	77
GST05	1	115	156	98
GST06	2	145	194	121
GST07	3	180	245	155
GST09	4	222	304	194
GST11	4	270	378	243

	d	d	d_2	l	l_1	l_2	u	t	i_1	o_1	a_1	b_1	e_1	f_1	s_1
	k6	m6										h7			
GST03	14 20		M5 M6	28 40	4 5	20 28	5 6	16 22.5	39 51	127 139	71	48	61	8	M5x10
GST04	20		M6	40	5	28	6	22.5	51	174	72	48	61	8	M5x10
GST05	25		M10	50	4	40	8	28	62	214	88	58	74	9	M6x12
GST06	30		M10	60	6	45	8	33	74	243	109	70	90	10	M8x14
GST07	40		M16	80	7	63	12	43	97	302	140	100	120	13	M10x18
GST09	50		M16	100	8	80	14	53.5	120	370	174	120	145	15	M12x20
GST11		60	M20	120	8	100	18	64	143	433	215	150	185	18	M16x26

[1)] k_2 !

GST□□-2M VCK


k
i 2
k 1
Δ k
c 2
x
m 1
f 2
n 2
ø a 2
ø e 2
ø b 2
ø d
l
p
a
□k 2
ø g
g 1
p 1
o 1
d 2
u
l 1
l 2
t
s 2
o



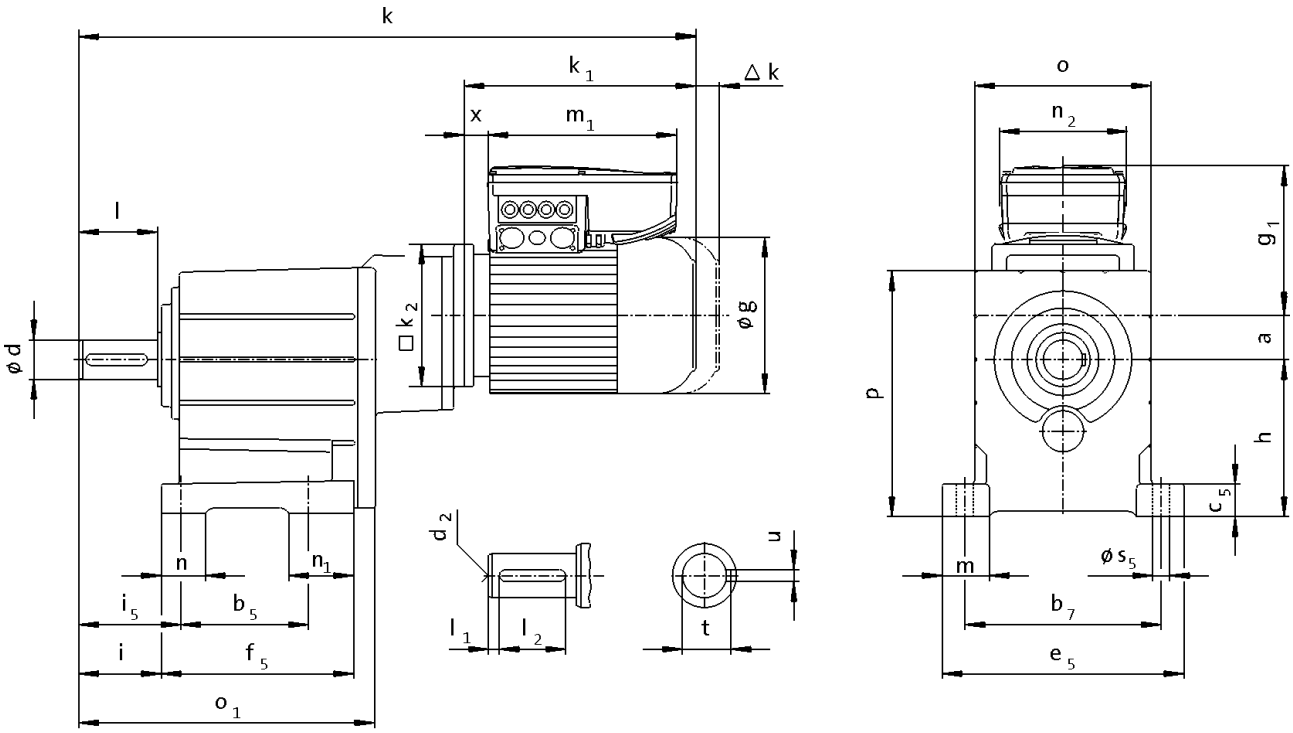
		063C32	063C42	071C32 071C42	080C32	080C42	090C32	100C12 100C32
g		123		139	156		176	194
$g_{1, 50Hz}$				163	172		177	217
$g_{1, 87Hz}$		154		163	172	201	205.5	
k_1	MDEMAXX	187		207	224.5		248	309
k_2		120			145		180	
x_{50Hz}				21	25.5		28.8	29.6
x_{87Hz}		18.8		21	25.5	24.5	27.8	
$m_{1, 50Hz}$				241				260
$m_{1, 87Hz}$		241				260		
$n_{2, 50Hz}$				161				176
$n_{2, 87Hz}$		161				176		
Δ k	MDEMABR	40		52	73		68	76
	MDFMAXX	128						109
	MDFMABR	170		165	183		181	170
		k						
GST03		329		349				
GST04		371		391	413		447	
GST05			401	421	443		477	538
GST06			427	447	469		503	564
GST07					525		559	620
GST09							622	683
GST11								740

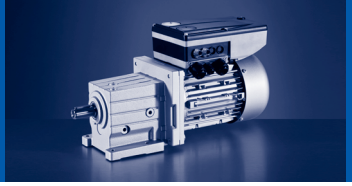
	a	o[1)]	p[1)]	p_1
GST03	2	90	100	64
GST04	0	100	129	77
GST05	1	115	156	98
GST06	2	145	194	121
GST07	3	180	245	155
GST09	4	222	304	194
GST11	4	270	378	243

	d	d	d_2	l	l_1	l_2	u	t	i_2	o_1	a_2	b_2	c_2	e_2	f_2	s_2
	k6	m6										j7				
GST03	14 20		M5 M6	28 40	4 5	20 28	5 6	16 22.5	28 40	127 139	120 140 160	80 95 110	10 10 10	100 115 130	3 3 3.5	7 9 9
GST04	20		M6	40	5	28	6	22.5	40	174	120 140 160	80 95 110	10 10 10	100 115 130	3 3 3.5	7 9 9
GST05	25		M10	50	4	40	8	28	50	214	120 140 160 200	80 95 110 130	10 10 10 12	100 115 130 165	3 3 3.5 3.5	7 9 9 11
GST06	30		M10	60	6	45	8	33	60	243	160 200	110 130	12 12	130 165	3.5 3.5	9 11
GST07	40		M16	80	7	63	12	43	80	302	200 250	130 180	14 15	165 215	3.5 4	11 13.5
GST09	50		M16	100	8	80	14	53.5	100	370	250 300	180 230	16 18	215 265	4 4	13.5 13.5
GST11		60	M20	120	8	100	18	64	120	433	300 350	230 250	18 20	265 300	4 5	14 18

[1)] k_2 !

GST□□-3M VBR


k
k 1
Δ k
x
m 1
l
ø d
□ k 2
ø g
n
n 1
i 5
b 5
i
f 5
o 1
d 2
l 1
l 2
u
t
o
n 2
g 1
a
p
h
c 5
m
ø s 5
b 7
e 5



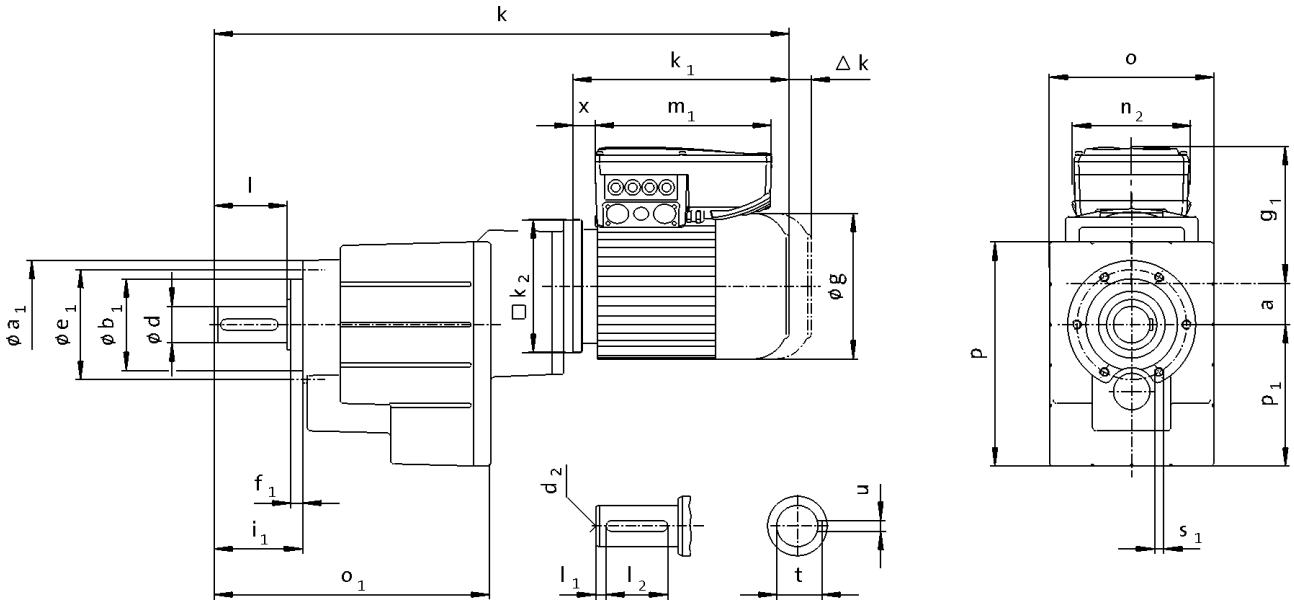
		063C32	063C42	071C32 071C42	080C32	080C42	090C32	100C12 100C32
g		123		139	156		176	194
$g_{1,\ 50Hz}$				163	172		177	217
$g_{1,\ 87Hz}$		154		163	172	201	205.5	
k_1	MDEMAXX	187		207	224.5		248	309
k_2		120			145		180	
x_{50Hz}				21	25.5		28.8	29.6
x_{87Hz}		18.8		21	25.5	24.5	27.8	
$m_{1,\ 50Hz}$				241				260
$m_{1,\ 87Hz}$		241				260		
$n_{2,\ 50Hz}$				161				176
$n_{2,\ 87Hz}$		161				176		
Δ k	MDEMABR	40		52	73		68	76
	MDFMAXX	128						109
	MDFMABR	170		165	183		181	170
		k						
GST05		477		497				
GST06		520		540	563		596	
GST07			587	607	630		663	724
GST09			668	688	711		744	805
GST11					787		820	881
GST14							944	1005

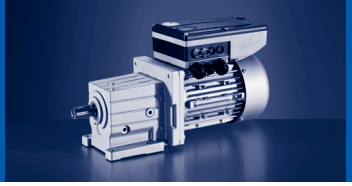
	a	h	o[1)]	p[1)]
GST05	35	100	115	158.5
GST06	34	125	145	198
GST07	42	160	180	251
GST09	52	200	222	311
GST11	66	250	270	385
GST14	83	315	328	479

	d	d	d_2	l	l_1	l_2	u	t	i	i_5	o_1	b_5	b_7	c_5	e_5	f_5	m	n	n_1	s_5
	k6	m6																		
GST05	25		M10	50	4	40	8	28	53	66	208	90	125	23	155	139	32.5	26	49	11
GST06	30		M10	60	6	45	8	33	64	79	240	106	160	28	196	157	38	35	52	13.5
GST07	40		M16	80	7	63	12	43	84	104	302	130	200	34	247	196	48.5	45	66	18
GST09	50		M16	100	8	80	14	53.5	105	127.5	370	165	245	44	298	239	54	48	74	18
GST11		60	M20	120	8	100	18	64	125	155	433	200	300	54	368	280	69	65	80	22
GST14		80	M20	160	15	125	22	85	165	200	533	250	380	65	460	340	85	85	91	26

[1)] k_2 !

GST□□-3M VCR





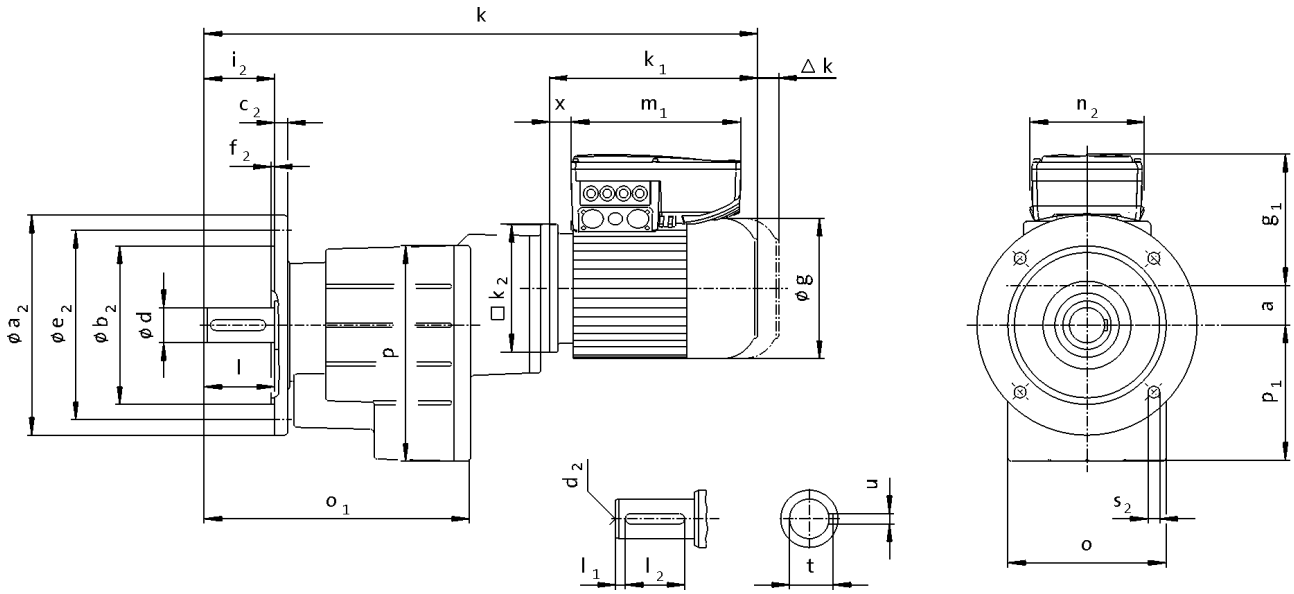
		063C32	063C42	071C32 071C42	080C32	080C42	090C32	100C12 100C32
g		123		139	156		176	194
$g_{1, 50Hz}$				163	172		177	217
$g_{1, 87Hz}$		154		163	172	201	205.5	
k_1	MDEMAXX	187		207	224.5		248	309
k_2		120			145		180	
x_{50Hz}				21	25.5		28.8	29.6
x_{87Hz}		18.8		21	25.5	24.5	27.8	
$m_{1, 50Hz}$				241				260
$m_{1, 87Hz}$		241				260		
$n_{2, 50Hz}$				161				176
$n_{2, 87Hz}$		161				176		
Δ k	MDEMABR	40		52	73		68	76
	MDFMAXX	128						109
	MDFMABR	170		165	183		181	170
		k						
GST05		477		497				
GST06		520		540	563		596	
GST07			587	607	630		663	724
GST09			668	688	711		744	805
GST11					787		820	881
GST14							944	1005

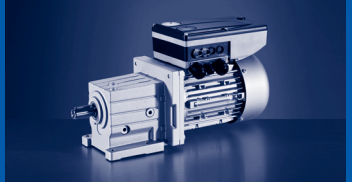
	a	o[1)]	p[1)]	p_1
GST05	35	115	156	98
GST06	34	145	194	121
GST07	42	180	245	155
GST09	52	222	304	194
GST11	66	270	378	243
GST14	83	328	470	306

	d	d	d_2	l	l_1	l_2	u	t	i_1	o_1	a_1	b_1	e_1	f_1	s_1
	k6	m6										h7			
GST05	25		M10	50	4	40	8	28	62	208	88	58	74	9	M6x12
GST06	30		M10	60	6	45	8	33	74	240	109	70	90	10	M8x14
GST07	40		M16	80	7	63	12	43	97	302	140	100	120	13	M10x18
GST09	50		M16	100	8	80	14	53.5	120	370	174	120	145	15	M12x20
GST11		60	M20	120	8	100	18	64	143	433	215	150	185	18	M16x26
GST14		80	M20	160	15	125	22	85	187	533	265	195	230	22	M20x34

[1)] k_2 !

GST□□-3M VCK


k
i 2
k 1
Δ k
c 2
x
m 1
f 2
n 2
g 1
ø a 2
ø e 2
ø b 2
ø d
□ k 2
ø g
a
p
l
p 1
o 1
d 2
u
s 2
l 1
l 2
t
o



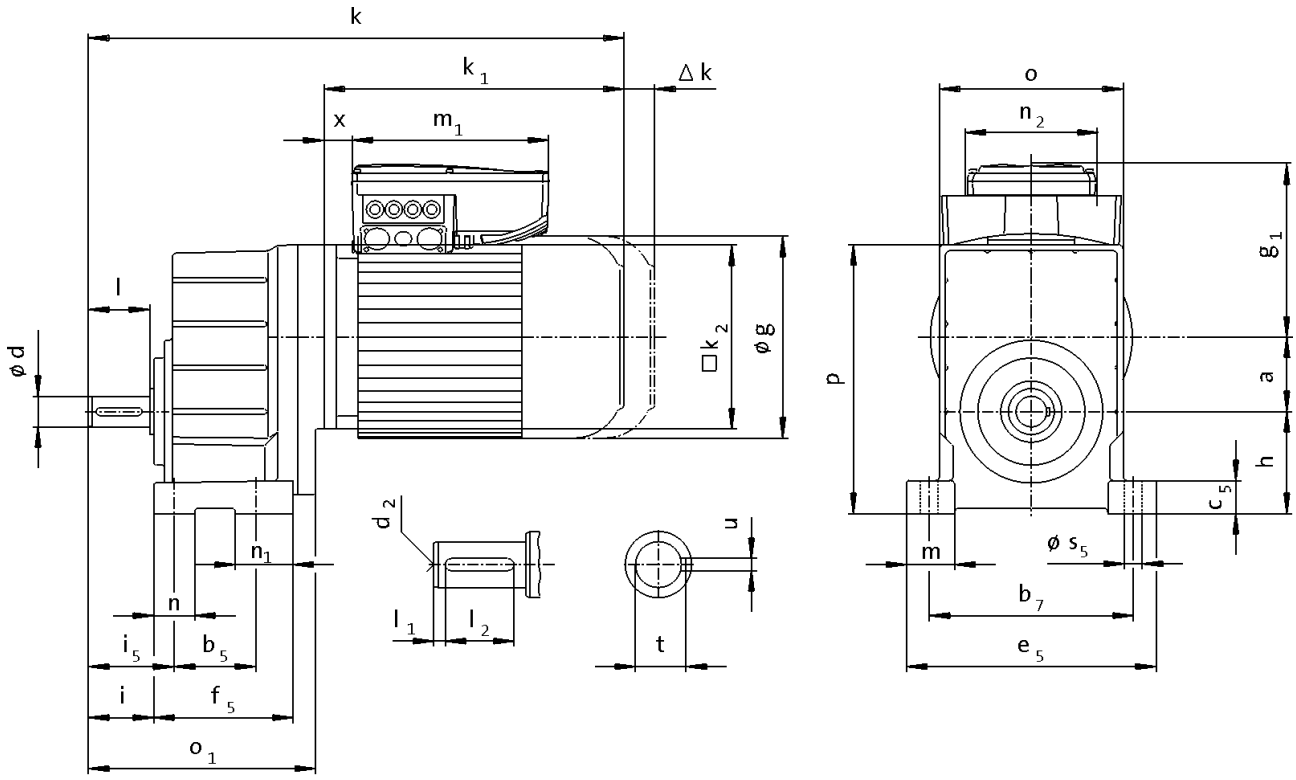
		063C32	063C42	071C32 071C42	080C32	080C42	090C32	100C12 100C32
g		123		139	156		176	194
$g_{1,\ 50Hz}$				163	172		177	217
$g_{1,\ 87Hz}$		154		163	172	201	205.5	
k_1	MDEMAXX	187		207	224.5		248	309
k_2		120			145		180	
x_{50Hz}				21	25.5		28.8	29.6
x_{87Hz}		18.8		21	25.5	24.5	27.8	
$m_{1,\ 50Hz}$				241				260
$m_{1,\ 87Hz}$		241				260		
$n_{2,\ 50Hz}$				161				176
$n_{2,\ 87Hz}$		161				176		
Δ k	MDEMABR	40		52	73		68	76
	MDFMAXX	128						109
	MDFMABR	170		165	183		181	170
		k						
GST05		477		497				
GST06		520		540	563		596	
GST07			587	607	630		663	724
GST09			668	688	711		744	805
GST11					787		820	881
GST14							944	1005

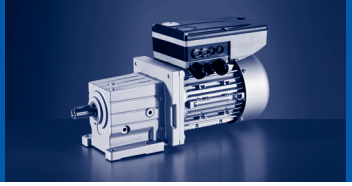
	a	o[1)]	p[1)]	p_1
GST05	35	115	156	98
GST06	34	145	194	121
GST07	42	180	245	155
GST09	52	222	304	194
GST11	66	270	378	243
GST14	83	328	470	306

	d	d	d_2	l	l_1	l_2	u	t	i_2	o_1	a_2	b_2	c_2	e_2	f_2	s_2
	k6	m6										j7				
GST05	25		M10	50	4	40	8	28	50	208	120 140 160 200	80 95 110 130	10 10 10 12	100 115 130 165	3 3 3.5 3.5	7 9 9 11
GST06	30		M10	60	6	45	8	33	60	240	160 200	110 130	12 12	130 165	3.5 3.5	9 11
GST07	40		M16	80	7	63	12	43	80	302	200 250	130 180	14 15	165 215	3.5 4	11 13.5
GST09	50		M16	100	8	80	14	53.5	100	370	250 300	180 230	16 18	215 265	4 4	13.5 13.5
GST11		60	M20	120	8	100	18	64	120	433	300 350	230 250	18 20	265 300	4 5	14 18
GST14		80	M20	160	15	125	22	85	160	533	350 400	250 300	22 24	300 350	5 5	18 18

[1)] k_2 !

GST□□-1M VBR


k
k 1
Δ k
x
m 1
l
ø d
□k 2
ø g
n 1
n
i 5
b 5
i
f 5
o 1
d 2
l 1
l 2
u
t
o
n 2
g 1
p
a
h
c 5
m
ø s 5
b 7
e 5



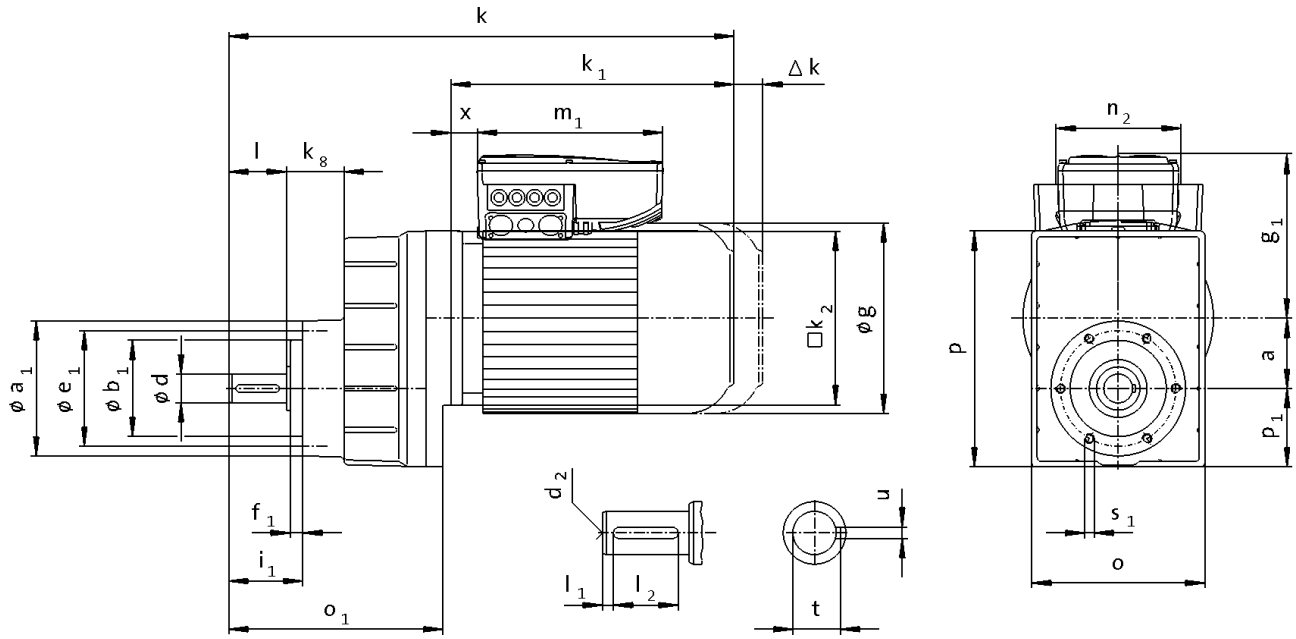
		063C32	063C42	071C32 071C42	080C32 080C42
g		123		139	156
$g_{1,\ 120Hz}$		154		163	201
k_1	MFEMAXX	187		207	224.5
k_2		120			145
x_{120Hz}		18.8		21	24.5
$m_{1,\ 120Hz}$		241			260
$n_{2,\ 120Hz}$		161			176
Δ k	MFEMABR	40		52	
	MFFMAXX	128			
	MFFMABR	170		165	
		k			
GST04		331		351	373
GST05		352		372	394
GST06			375	395	417
GST07					446

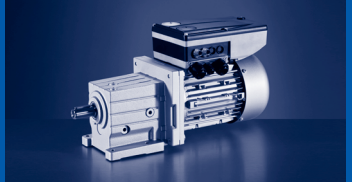
	a	h[1)]	o[1)]	p[1)]
GST04	36	50	100	138
GST05	45	63	115	168
GST06	56	80	145	211
GST07	70	100	180	264

	d	d_2	l	l_1	l_2	u	t	i	i_5	o_1	b_5	b_7	c_5	e_5	f_5	m	n	n_1	s_5
	k6																		
GST04	16	M5	32	6	20	5	18	35	45	134	55	105	17	128	80	24	20	25	9
GST05	20	M6	40	6	28	6	22.5	43	56	165	70	125	22	154	99	32	26	29	11
GST06	25	M10	50	4	40	8	28	53	68	191	72	160	27	194	115	37	30	43	13.5
GST07	30	M10	60	7.5	45	8	33	64	84	223	80	200	35	245	137	48	40	57	18

[1)] k_2 !

GST□□-1M VCR


k
k 1
Δ k
x
m 1
l
k 8
ø a 1
ø e 1
ø b 1
ø d
□k 2
ø g
f 1
i 1
o 1
d 2
l 1
l 2
u
t
n 2
g 1
p
a
p 1
s 1
o



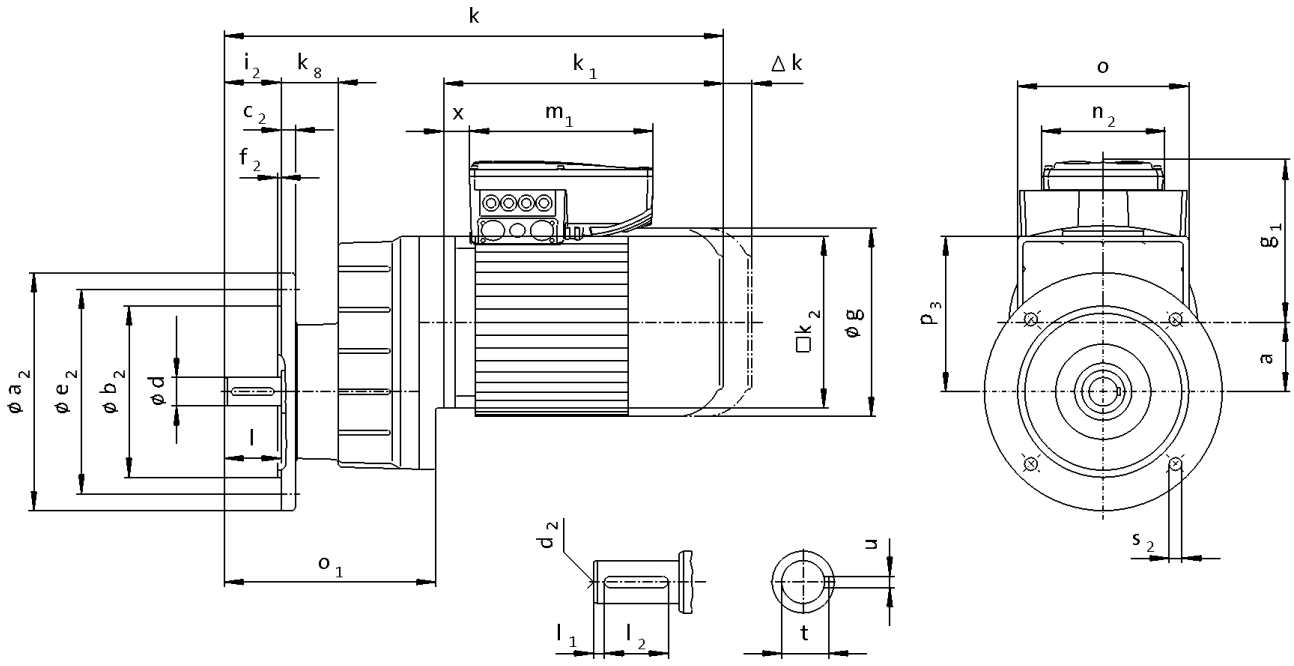
		063C32	063C42	071C32 071C42	080C32 080C42
g		123		139	156
$g_{1,\ 120Hz}$		154		163	201
k_1	MFEMAXX	187		207	224.5
k_2		120			145
x_{120Hz}		18.8		21	24.5
$m_{1,\ 120Hz}$		241			260
$n_{2,\ 120Hz}$		161			176
Δ k	MFEMABR	40		52	
	MFFMAXX	128			
	MFFMABR	170		165	
		k			
GST04		331		351	373
GST05		352		372	394
GST06			375	395	417
GST07					446

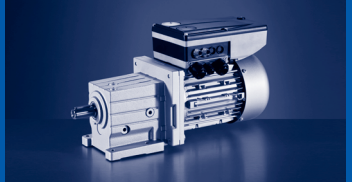
	a	k_8	$o^{1)}$	$p^{1)}$	p_1
GST04	36	35	100	129	41
GST05	45	43	115	156	51
GST06	56	48	145	194	63
GST07	70	60	180	245	82

	d	d_2	l	l_1	l_2	u	t	i_1	o_1	a_1	b_1	e_1	f_1	s_1
	k6										h7			
GST04	16	M5	32	6	20	5	18	43	134	72	48	61	8	M5x10
GST05	20	M6	40	6	28	6	22.5	52	165	88	58	74	9	M6x10
GST06	25	M10	50	4	40	8	28	64	191	109	70	90	11	M8x14
GST07	30	M10	60	7.5	45	8	33	77	223	140	100	120	13	M10x18

[1)] k_2 !

GST□□-1M VCK


k
i 2
k 8
k 1
Δ k
c 2
x
m 1
f 2
o
n 2
g 1
p 3
a
ø a 2
ø e 2
ø b 2
ø d
l
□k 2
ø g
o 1
d 2
u
l 1
l 2
t
s 2



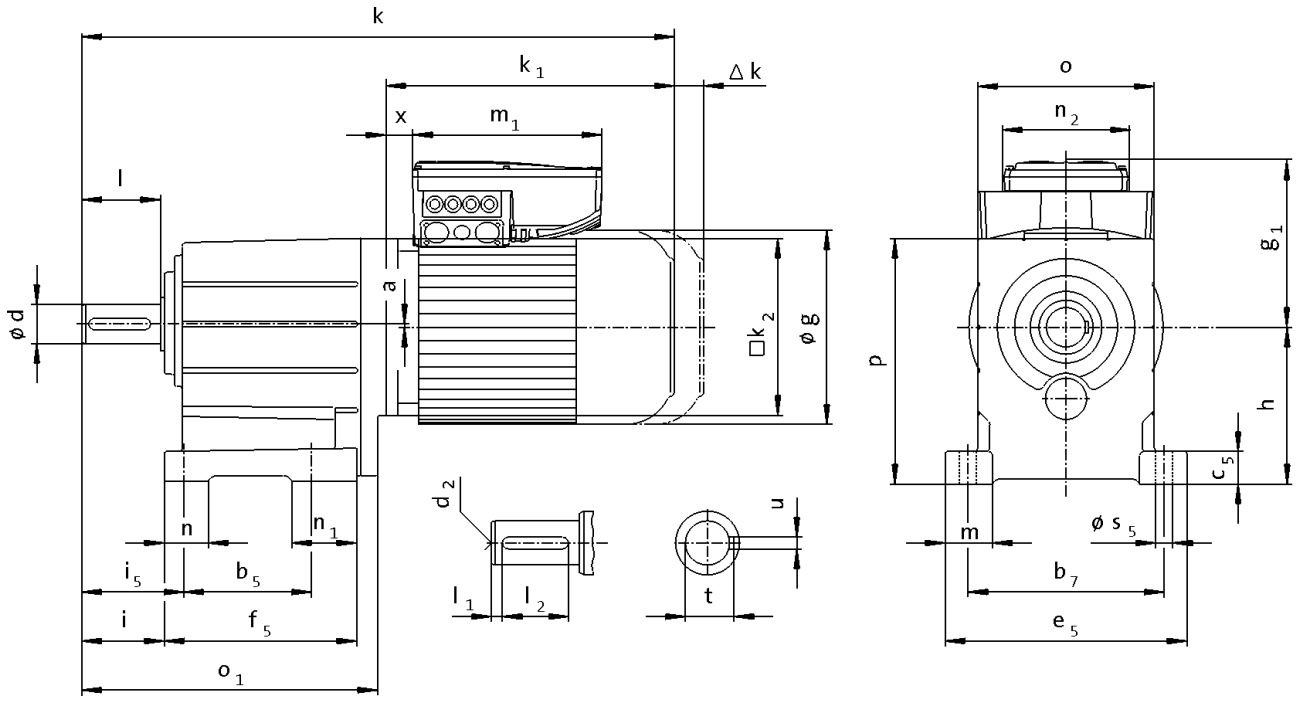
		063C32	063C42	071C32 071C42	080C32 080C42
g		123		139	156
$g_{1,\ 120Hz}$		154		163	201
k_1	MFEMAXX	187		207	224.5
k_2		120			145
x_{120Hz}		18.8		21	24.5
$m_{1,\ 120Hz}$		241			260
$n_{2,\ 120Hz}$		161			176
Δ k	MFEMABR	40		52	
	MFFMAXX	128			
	MFFMABR	170		165	
		k			
GST04		331		351	373
GST05		352		372	394
GST06			375	395	417
GST07					446

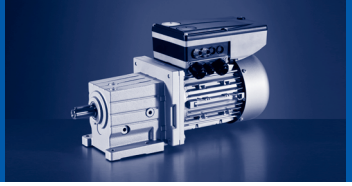
	a	k_8	o[1)]	p_1	p_3[1)]
GST04	36	35	100	41	88
GST05	45	43	115	51	105
GST06	56	48	145	63	131
GST07	70	60	180	82	164

	d	d_2	l	l_1	l_2	u	t	i_2	o_1	a_2	b_2	c_2	e_2	f_2	s_2
	k6										j7				
GST04	16	M5	32	6	20	5	18	32	134	120 140 160	80 95 110	10 10 10	100 115 130	3 3 3.5	7 9 9
GST05	20	M6	40	6	28	6	22.5	40	165	120 140 160 200	80 95 110 130	10 10 10 12	100 115 130 165	3 3 3.5 3.5	7 9 9 11
GST06	25	M10	50	4	40	8	28	50	191	160 200	110 130	12 12	130 165	3.5 3.5	9 11
GST07	30	M10	60	7.5	45	8	33	60	223	200 250	130 180	14 15	165 215	3.5 4	11 13.5

[1)] k_2 !

GST□□-2M VBR


k
k 1
Δ k
x
m 1
l
ø d
a
□k 2
ø g
n
n 1
i 5
b 5
i
f 5
o 1
d 2
l 1
l 2
u
t
o
n 2
g 1
p
h
c 5
m
ø s 5
b 7
e 5



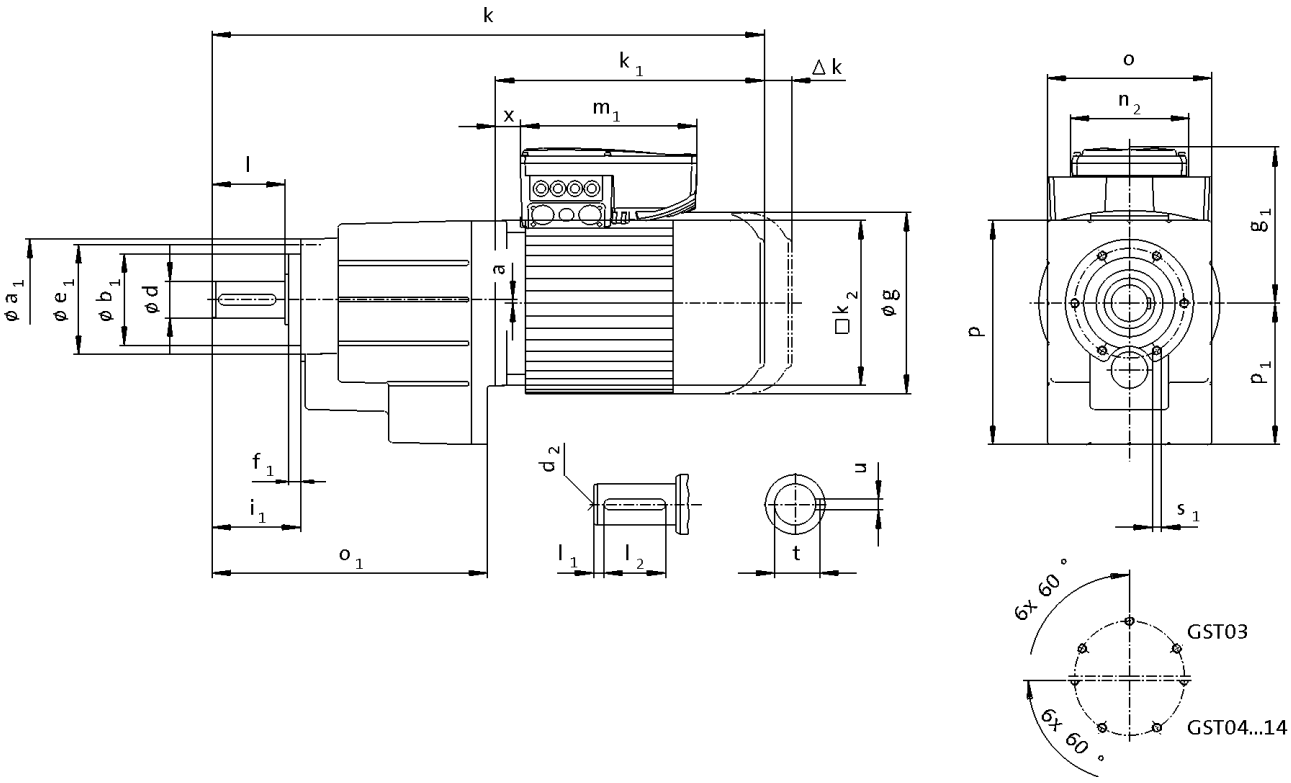
		063C32	063C42	071C32 071C42	080C32 080C42
g		123		139	156
$g_{1,\ 120Hz}$		154		163	201
k_1	MFEMAXX	187		207	224.5
k_2		120			145
x_{120Hz}		18.8		21	24.5
$m_{1,\ 120Hz}$		241			260
$n_{2,\ 120Hz}$		161			176
Δ k	MFEMABR	40		52	
	MFFMAXX	128			
	MFFMABR	170		165	
		k			
GST03		329			
GST04		371		391	413
GST05		401		421	443
GST06			427	447	469
GST07					525

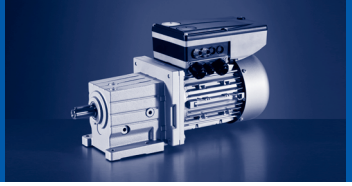
	a	h[1)]	o[1)]	p[1)]
GST03	2	65	90	101
GST04	0	80	100	132
GST05	1	100	115	158.5
GST06	2	125	145	198
GST07	3	160	180	251

	d	d_2	l	l_1	l_2	u	t	i	i_5	o_1	b_5	b_7	c_5	e_5	f_5	m	n	n_1	s_5
	k6																		
GST03	14 20	M5 M6	28 40	4 5	20 28	5 6	16 22.5	34 46	40 52	127 139	60	91	11	105	84	20			6.6
GST04	20	M6	40	5	28	6	22.5	43	53	174	76	105	18	129	112	24.5	20	36	9
GST05	25	M10	50	4	40	8	28	53	66	214	90	125	23	155	139	32.5	26	49	11
GST06	30	M10	60	6	45	8	33	64	79	243	106	160	28	196	157	38	35	52	13.5
GST07	40	M16	80	7	63	12	43	84	104	302	130	200	34	247	196	48.5	45	66	18

[1)] k_2 !

GST□□-2M VCR


k
k 1
Δ k
x
m 1
l
ø a 1
ø e 1
ø b 1
ø d
a
□k 2
ø g
f 1
i 1
o 1
d 2
l 1
l 2
u
t
o
n 2
g 1
p
p 1
s 1
6x 60 °
GST03
6x 60 °
GST04...14



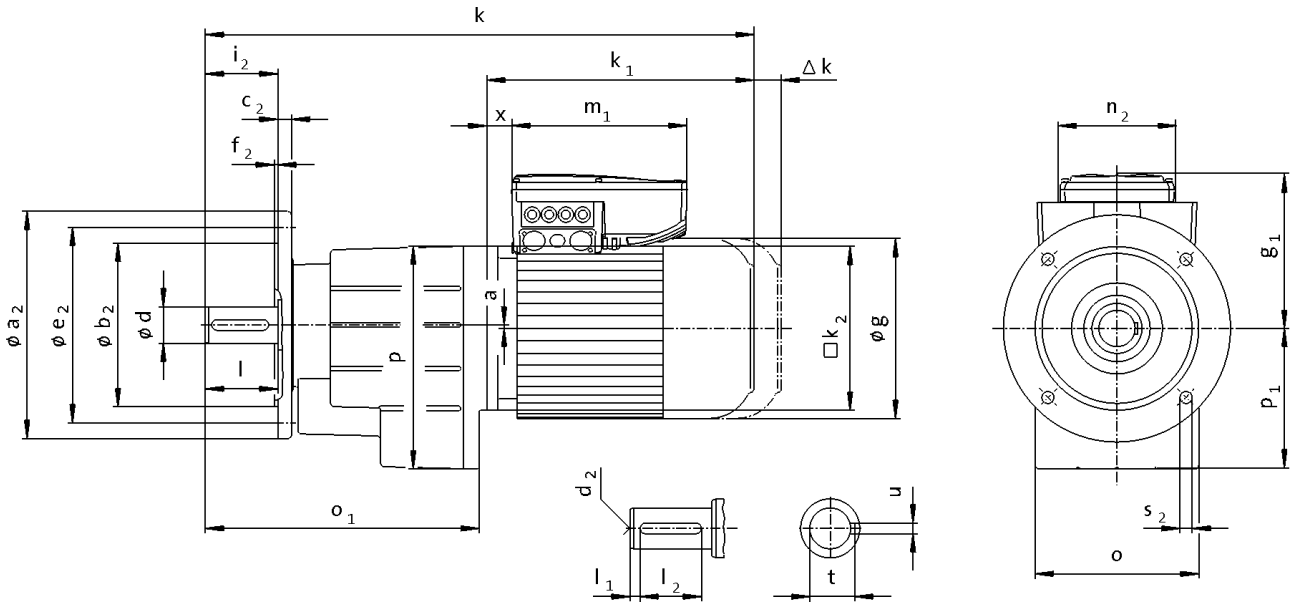
		063C32	063C42	071C32 071C42	080C32 080C42
g		123		139	156
$g_{1,\ 120Hz}$		154		163	201
k_1	MFEMAXX	187		207	224.5
k_2		120			145
x_{120Hz}		18.8		21	24.5
$m_{1,\ 120Hz}$		241			260
$n_{2,\ 120Hz}$		161			176
Δ k	MFEMABR	40		52	
	MFFMAXX	128			
	MFFMABR	170		165	
		k			
GST03		329			
GST04		371		391	413
GST05		401		421	443
GST06			427	447	469
GST07					525

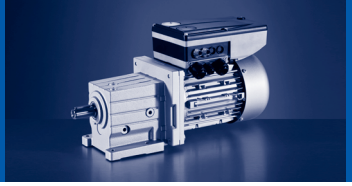
	a	o[1)]	p[1)]	p_1
GST03	2	90	100	64
GST04	0	100	129	77
GST05	1	115	156	98
GST06	2	145	194	121
GST07	3	180	245	155

	d	d_2	l	l_1	l_2	u	t	i_1	o_1	a_1	b_1	e_1	f_1	s_1
	k6										h7			
GST03	14 20	M5 M6	28 40	4 5	20 28	5 6	16 22.5	39 51	127 139	71	48	61	8	M5x10
GST04	20	M6	40	5	28	6	22.5	51	174	72	48	61	8	M5x10
GST05	25	M10	50	4	40	8	28	62	214	88	58	74	9	M6x12
GST06	30	M10	60	6	45	8	33	74	243	109	70	90	10	M8x14
GST07	40	M16	80	7	63	12	43	97	302	140	100	120	13	M10x18

[1)] k_2 !

GST□□-2M VCK


k
i 2
k 1
Δ k
c 2
x
m 1
f 2
n 2
g 1
ø a 2
ø e 2
ø b 2
ø d
l
p
a
□k 2
ø g
p 1
o 1
d 2
u
l 1
l 2
t
s 2
o



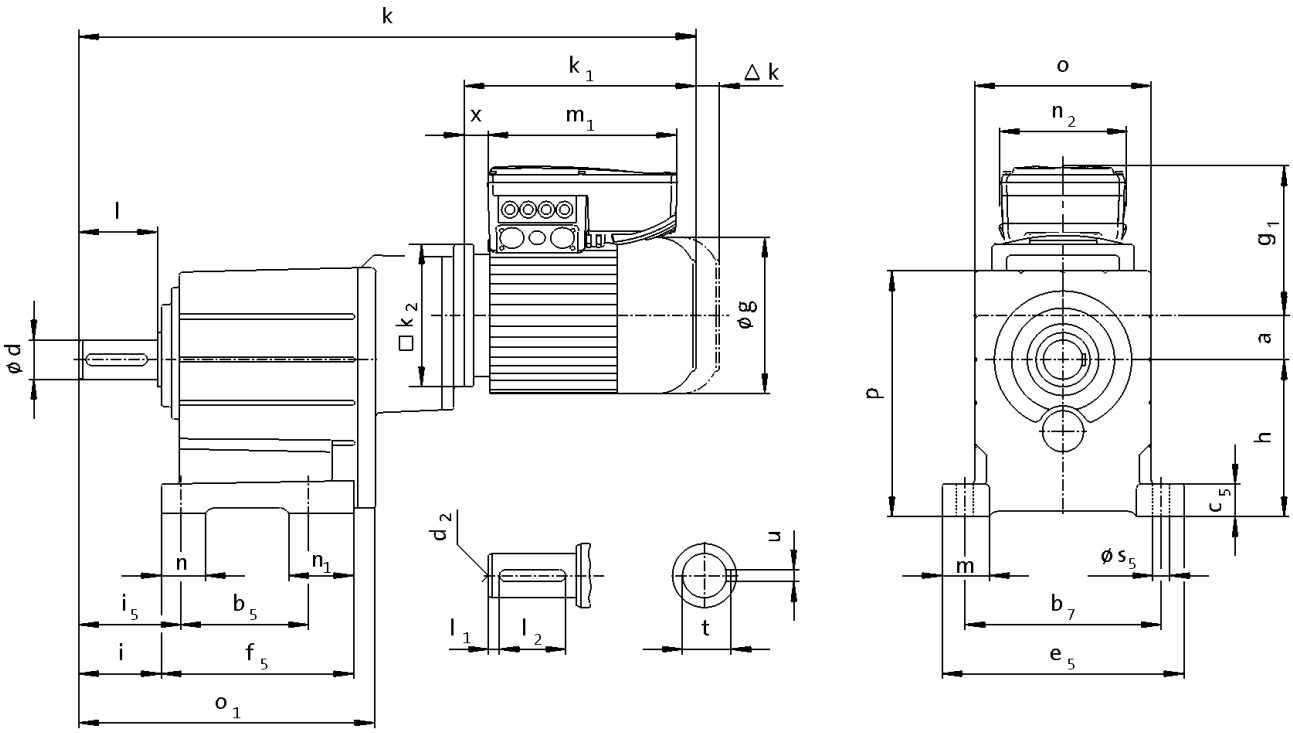
		063C32	063C42	071C32 071C42	080C32 080C42
g		123		139	156
$g_{1,\ 120Hz}$		154		163	201
k_1	MFEMAXX	187		207	224.5
k_2		120			145
x_{120Hz}		18.8		21	24.5
$m_{1,\ 120Hz}$		241			260
$n_{2,\ 120Hz}$		161			176
Δ k	MFEMABR	40		52	
	MFFMAXX	128			
	MFFMABR	170		165	
		k			
GST03		329			
GST04		371		391	413
GST05		401		421	443
GST06			427	447	469
GST07					525

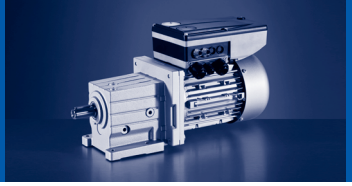
	a	o[1)]	p[1)]	p_1
GST03	2	90	100	64
GST04	0	100	129	77
GST05	1	115	156	98
GST06	2	145	194	121
GST07	3	180	245	155

	d	d_2	l	l_1	l_2	u	t	i_2	o_1	a_2	b_2	c_2	e_2	f_2	s_2
	k6										j7				
GST03	14 20	M5 M6	28 40	4 5	20 28	5 6	16 22.5	28 40	127 139	120 140 160	80 95 110	10 10 10	100 115 130	3 3 3.5	7 9 9
GST04	20	M6	40	5	28	6	22.5	40	174	120 140 160	80 95 110	10 10 10	100 115 130	3 3 3.5	7 9 9
GST05	25	M10	50	4	40	8	28	50	214	120 140 160 200	80 95 110 130	10 10 10 12	100 115 130 165	3 3 3.5 3.5	7 9 9 11
GST06	30	M10	60	6	45	8	33	60	243	160 200	110 130	12 12	130 165	3.5 3.5	9 11
GST07	40	M16	80	7	63	12	43	80	302	200 250	130 180	14 15	165 215	3.5 4	11 13.5

[1)] k_2 !

GST□□-3M VBR


k
k 1
Δ k
x
m 1
l
ø d
□ k 2
ø g
d 2
u
n
n 1
i 5
b 5
i
f 5
o 1
l 1
l 2
t
o
n 2
g 1
a
p
h
c 5
m
ø s 5
b 7
e 5



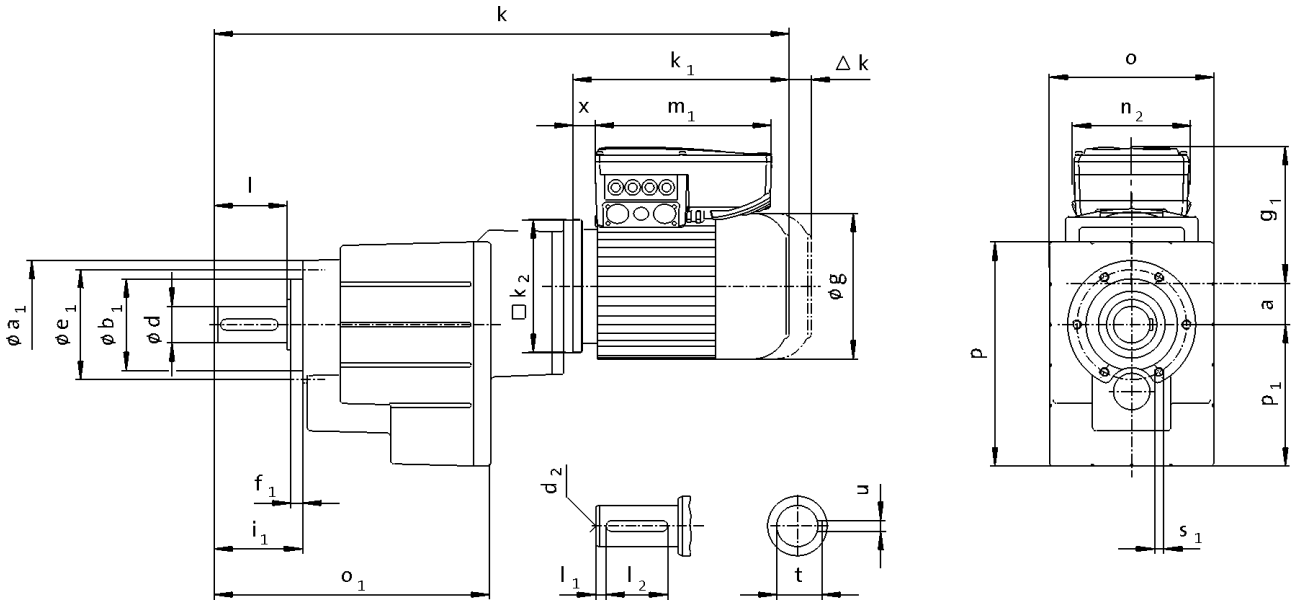
		063C32	063C42	071C32	071C42	080C32 080C42
g		123		139		156
$g_{1,\ 120Hz}$		154		163		201
k_1	MFEMAXX	187		207		224.5
k_2		120				145
x_{120Hz}		18.8		21		24.5
$m_{1,\ 120Hz}$		241				260
$n_{2,\ 120Hz}$		161				176
Δ k	MFEMABR	40		52		
	MFFMAXX	128				
	MFFMABR	170		165		
		k				
GST05		477		497		
GST06		520		540		563
GST07		587		607		630
GST09			668	688		711
GST11						787

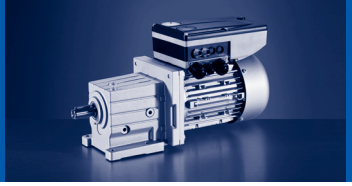
	a	h	o[1)]	p[1)]
GST05	35	100	115	158.5
GST06	34	125	145	198
GST07	42	160	180	251
GST09	52	200	222	311
GST11	66	250	270	385

	d	d	d_2	l	l_1	l_2	u	t	i	i_5	o_1	b_5	b_7	c_5	e_5	f_5	m	n	n_1	s_5
	k6	m6																		
GST05	25		M10	50	4	40	8	28	53	66	208	90	125	23	155	139	32.5	26	49	11
GST06	30		M10	60	6	45	8	33	64	79	240	106	160	28	196	157	38	35	52	13.5
GST07	40		M16	80	7	63	12	43	84	104	302	130	200	34	247	196	48.5	45	66	18
GST09	50		M16	100	8	80	14	53.5	105	127.5	370	165	245	44	298	239	54	48	74	18
GST11		60	M20	120	8	100	18	64	125	155	433	200	300	54	368	280	69	65	80	22

[1)] k_2 !

GST□□-3M VCR





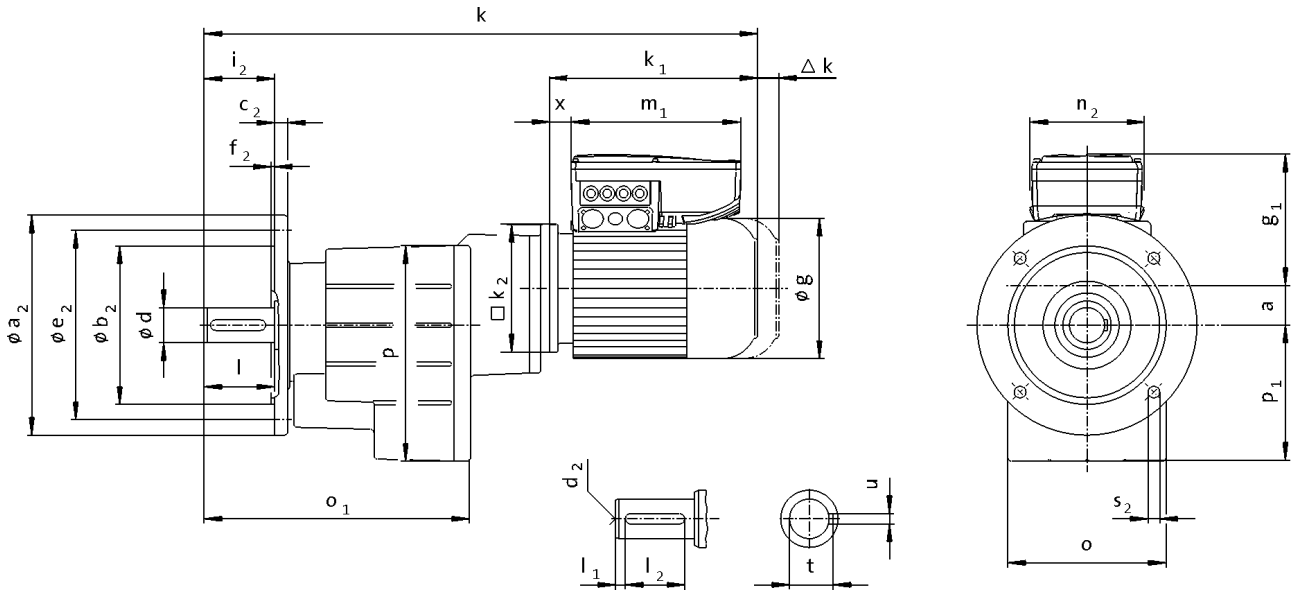
		063C32	063C42	071C32	071C42	080C32 080C42
g		123		139		156
$g_{1,\ 120Hz}$		154		163		201
k_1	MFEMAXX	187		207		224.5
k_2		120				145
x_{120Hz}		18.8		21		24.5
$m_{1,\ 120Hz}$		241				260
$n_{2,\ 120Hz}$		161				176
Δ k	MFEMABR	40		52		
	MFFMAXX	128				
	MFFMABR	170		165		
		k				
GST05		477		497		
GST06		520		540		563
GST07		587		607		630
GST09			668	688		711
GST11						787

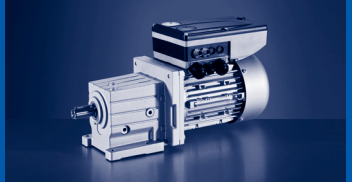
	a	o[1)]	p[1)]	p_1
GST05	35	115	156	98
GST06	34	145	194	121
GST07	42	180	245	155
GST09	52	222	304	194
GST11	66	270	378	243

	d	d	d_2	l	l_1	l_2	u	t	i_1	o_1	a_1	b_1	e_1	f_1	s_1
	k6	m6										h7			
GST05	25		M10	50	4	40	8	28	62	208	88	58	74	9	M6x12
GST06	30		M10	60	6	45	8	33	74	240	109	70	90	10	M8x14
GST07	40		M16	80	7	63	12	43	97	302	140	100	120	13	M10x18
GST09	50		M16	100	8	80	14	53.5	120	370	174	120	145	15	M12x20
GST11		60	M20	120	8	100	18	64	143	433	215	150	185	18	M16x26

[1)] k_2 !

GST□□-3M VCK


k
i 2
k 1
Δ k
c 2
x
m 1
f 2
n 2
g 1
ø a 2
ø e 2
ø b 2
ø d
l
p
□ k 2
ø g
a
p 1
d 2
u
o 1
s 2
l 1
l 2
t
o



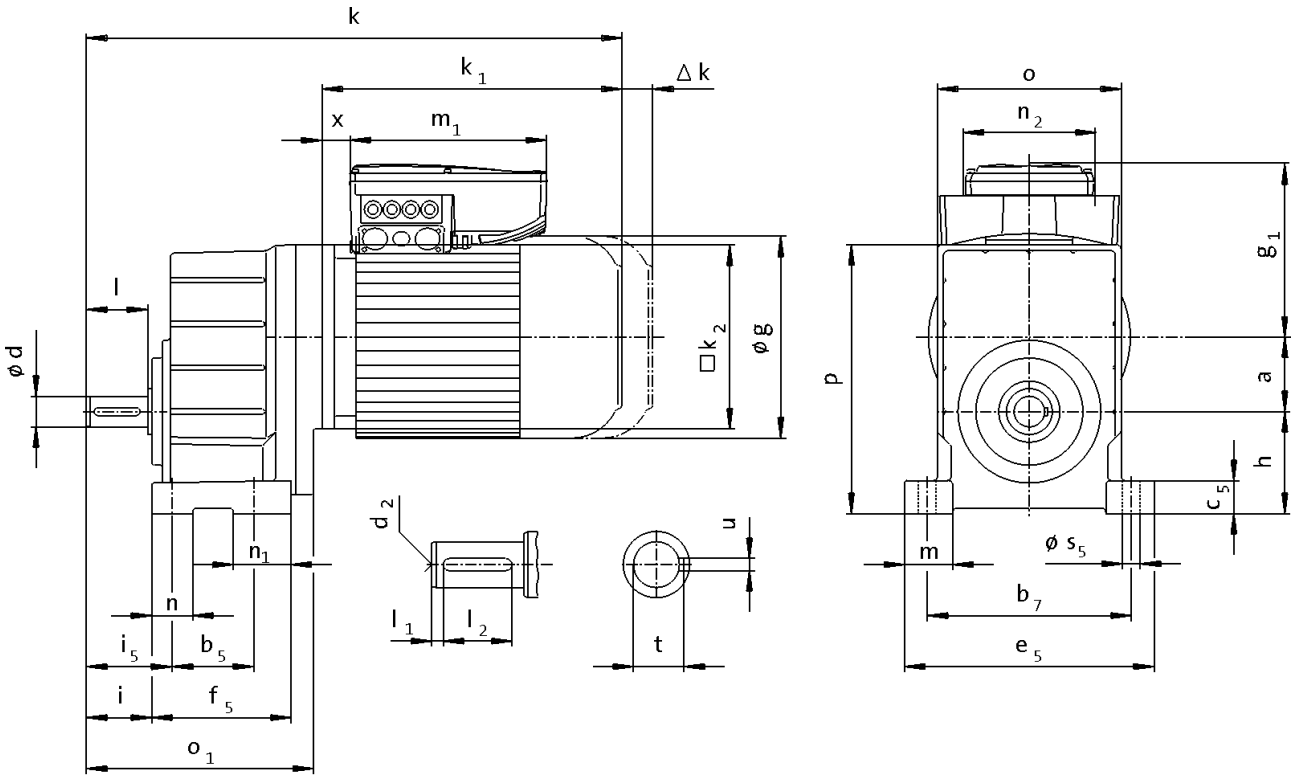
		063C32	063C42	071C32	071C42	080C32 080C42
g		123		139		156
$g_{1,\ 120Hz}$		154		163		201
k_1	MFEMAXX	187		207		224.5
k_2		120				145
x_{120Hz}		18.8		21		24.5
$m_{1,\ 120Hz}$		241				260
$n_{2,\ 120Hz}$		161				176
Δ k	MFEMABR	40		52		
	MFFMAXX	128				
	MFFMABR	170		165		
		k				
GST05		477		497		
GST06		520		540		563
GST07		587		607		630
GST09			668	688		711
GST11						787

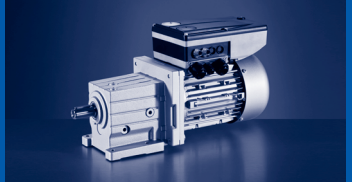
	a	o[1)]	p[1)]	p_1
GST05	35	115	156	98
GST06	34	145	194	121
GST07	42	180	245	155
GST09	52	222	304	194
GST11	66	270	378	243

	d	d	d_2	l	l_1	l_2	u	t	i_2	o_1	a_2	b_2	c_2	e_2	f_2	s_2
	k6	m6										j7				
GST05	25		M10	50	4	40	8	28	50	208	120 140 160 200	80 95 110 130	10 10 10 12	100 115 130 165	3 3 3.5 3.5	7 9 9 11
GST06	30		M10	60	6	45	8	33	60	240	160 200	110 130	12 12	130 165	3.5 3.5	9 11
GST07	40		M16	80	7	63	12	43	80	302	200 250	130 180	14 15	165 215	3.5 4	11 13.5
GST09	50		M16	100	8	80	14	53.5	100	370	250 300	180 230	16 18	215 265	4 4	13.5 13.5
GST11		60	M20	120	8	100	18	64	120	433	300 350	230 250	18 20	265 300	4 5	14 18

[1)] k_2 !

GST□□-1M VBR


k
k 1
Δ k
x
m 1
l
ø d
□k 2
ø g
n 1
n
i 5
b 5
i
f 5
o 1
d 2
l 1
l 2
u
t
o
n 2
g 1
p
a
h
c 5
m
ø s 5
b 7
e 5



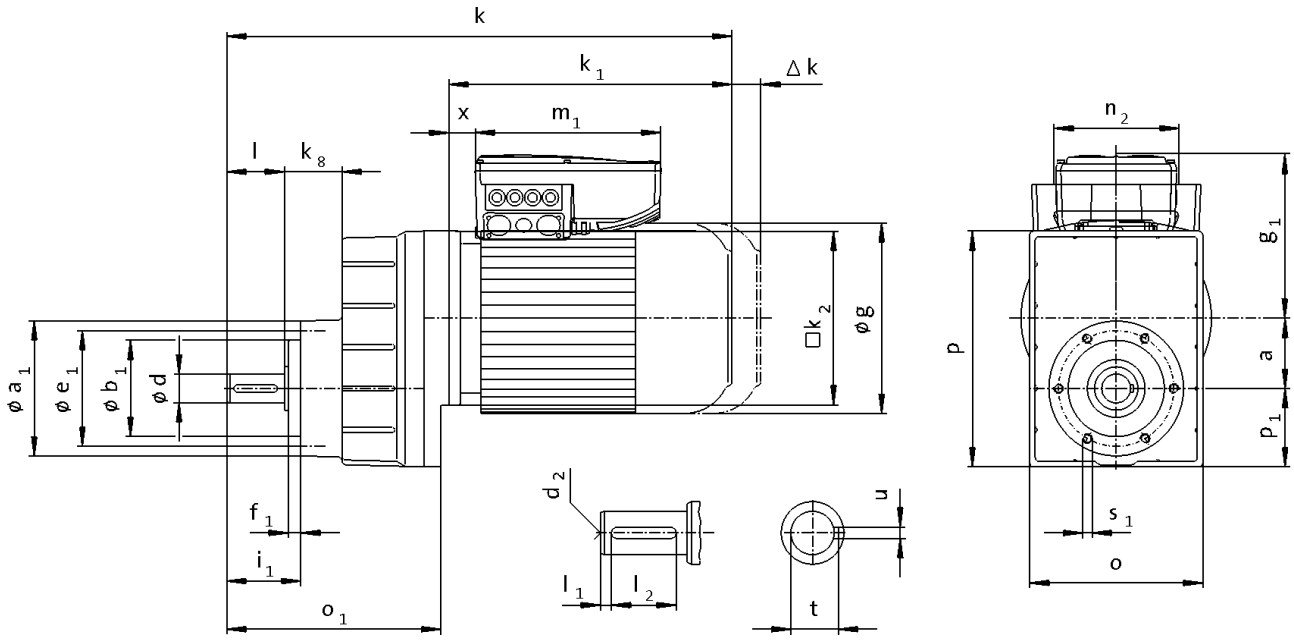
		080C32	090C12 090C32	100C12	100C32
g		156	176	194	
$g_{1, 50Hz}$		172	177	217	
$g_{1, 87Hz}$		172	205.5		
k_1	MHEMAXX	224.5	274	309	324
k_2		145		180	
x_{50Hz}		25.5	28.8	29.6	
x_{87Hz}		25.5	27.8		
$m_{1, 50Hz}$		241		260	
$m_{1, 87Hz}$		241	260		
$n_{2, 50Hz}$		161		176	
$n_{2, 87Hz}$		161	176		
Δ k	MHEMABR	73	68	76	
	MHFMAXX	128		109	
	MHFMABR	183	181	170	
		k			
GST04		373	433		
GST05		394	454	489	504
GST06		417	477	512	527
GST07		446	506	541	556
GST09			549	584	599

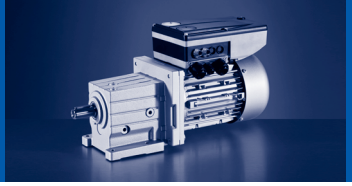
	a	h[1)]	o[1)]	p[1)]
GST04	36	50	100	138
GST05	45	63	115	168
GST06	56	80	145	211
GST07	70	100	180	264
GST09	89	125	222	329

	d	d_2	l	l_1	l_2	u	t	i	i_5	o_1	b_5	b_7	c_5	e_5	f_5	m	n	n_1	s_5
	k6																		
GST04	16	M5	32	6	20	5	18	35	45	134	55	105	17	128	80	24	20	25	9
GST05	20	M6	40	6	28	6	22.5	43	56	165	70	125	22	154	99	32	26	29	11
GST06	25	M10	50	4	40	8	28	53	68	191	72	160	27	194	115	37	30	43	13.5
GST07	30	M10	60	7.5	45	8	33	64	84	223	80	200	35	245	137	48	40	57	18
GST09	40	M16	80	8.5	63	12	43	84	107	271	105	245	43	296	161	51	45	56	18

[1)] k_2 !

GST□□-1M VCR


k
k 1
Δ k
x
m 1
l
k 8
ø a 1
ø e 1
ø b 1
ø d
f 1
i 1
o 1
□k 2
ø g
d 2
l 1
l 2
u
t
n 2
g 1
p
a
p 1
s 1
o



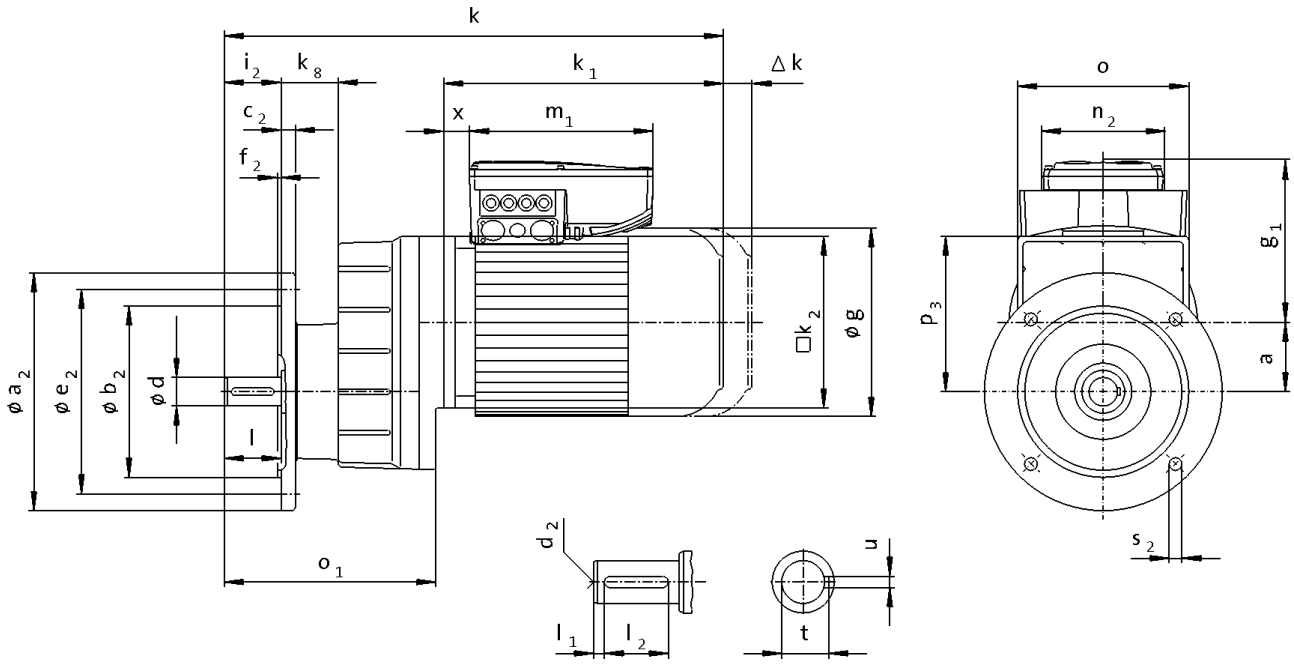
		080C32	090C12 090C32	100C12	100C32
g		156	176	194	
$g_{1, 50Hz}$		172	177	217	
$g_{1, 87Hz}$		172	205.5		
k_1	MHEMAXX	224.5	274	309	324
k_2		145		180	
x_{50Hz}		25.5	28.8	29.6	
x_{87Hz}		25.5	27.8		
$m_{1, 50Hz}$		241		260	
$m_{1, 87Hz}$		241	260		
$n_{2, 50Hz}$		161		176	
$n_{2, 87Hz}$		161	176		
Δ k	MHEMABR	73	68	76	
	MHFMAXX	128		109	
	MHFMABR	183	181	170	
		k			
GST04		373	433		
GST05		394	454	489	504
GST06		417	477	512	527
GST07		446	506	541	556
GST09			549	584	599

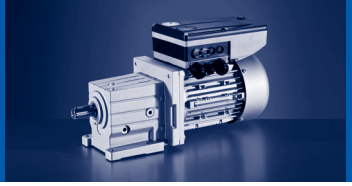
	a	k_8	o[1)]	p[1)]	p_1
GST04	36	35	100	129	41
GST05	45	43	115	156	51
GST06	56	48	145	194	63
GST07	70	60	180	245	82
GST09	89	74	222	304	101

	d	d_2	l	l_1	l_2	u	t	i_1	o_1	a_1	b_1	e_1	f_1	s_1
	k6										h7			
GST04	16	M5	32	6	20	5	18	43	134	72	48	61	8	M5x10
GST05	20	M6	40	6	28	6	22.5	52	165	88	58	74	9	M6x10
GST06	25	M10	50	4	40	8	28	64	191	109	70	90	11	M8x14
GST07	30	M10	60	7.5	45	8	33	77	223	140	100	120	13	M10x18
GST09	40	M16	80	8.5	63	12	43	100	271	174	120	145	15	M12x20

[1)] k_2 !

GST□□-1M VCK


k
i 2
k 8
k 1
Δ k
c 2
x
m 1
f 2
o
n 2
g 1
p 3
a
ø a 2
ø e 2
ø b 2
ø d
l
□k 2
ø g
o 1
d 2
u
l 1
l 2
t
s 2



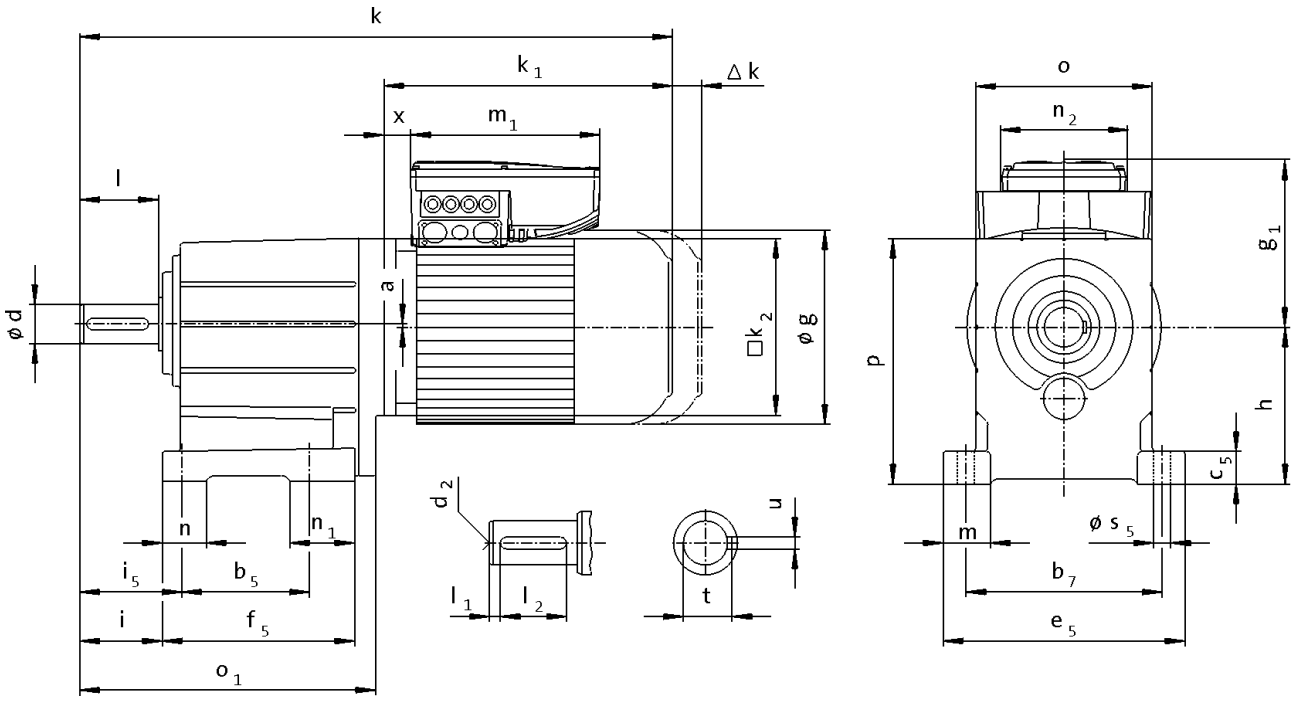
		080C32	090C12 090C32	100C12	100C32
g		156	176	194	
$g_{1, 50Hz}$		172	177	217	
$g_{1, 87Hz}$		172	205.5		
k_1	MHEMAXX	224.5	274	309	324
k_2		145		180	
x_{50Hz}		25.5	28.8	29.6	
x_{87Hz}		25.5	27.8		
$m_{1, 50Hz}$		241		260	
$m_{1, 87Hz}$		241	260		
$n_{2, 50Hz}$		161		176	
$n_{2, 87Hz}$		161	176		
Δ k	MHEMABR	73	68	76	
	MHFMAXX	128		109	
	MHFMABR	183	181	170	
		k			
GST04		373	433		
GST05		394	454	489	504
GST06		417	477	512	527
GST07		446	506	541	556
GST09			549	584	599

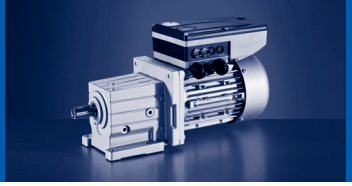
	a	k_8	$o^{1)}$	p_1	$p_3{}^{1)}$
GST04	36	35	100	41	88
GST05	45	43	115	51	105
GST06	56	48	145	63	131
GST07	70	60	180	82	164
GST09	89	74	222	101	204

	d	d_2	l	l_1	l_2	u	t	i_2	o_1	a_2	b_2	c_2	e_2	f_2	s_2
	k6										j7				
GST04	16	M5	32	6	20	5	18	32	134	120 140 160	80 95 110	10 10 10	100 115 130	3 3 3.5	7 9 9
GST05	20	M6	40	6	28	6	22.5	40	165	120 140 160 200	80 95 110 130	10 10 10 12	100 115 130 165	3 3 3.5 3.5	7 9 9 11
GST06	25	M10	50	4	40	8	28	50	191	160 200	110 130	12 12	130 165	3.5 3.5	9 11
GST07	30	M10	60	7.5	45	8	33	60	223	200 250	130 180	14 15	165 215	3.5 4	11 13.5
GST09	40	M16	80	8.5	63	12	43	80	271	250 300	180 230	16 18	215 265	4 4	13.5 13.5

[1)] k_2 !

GST□□-2M VBR


k
k 1
Δ k
x
m 1
l
ø d
a
□k 2
ø g
n
n 1
i 5
b 5
i
f 5
o 1
d 2
l 1
l 2
u
t
o
n 2
g 1
p
h
c 5
m
ø s 5
b 7
e 5



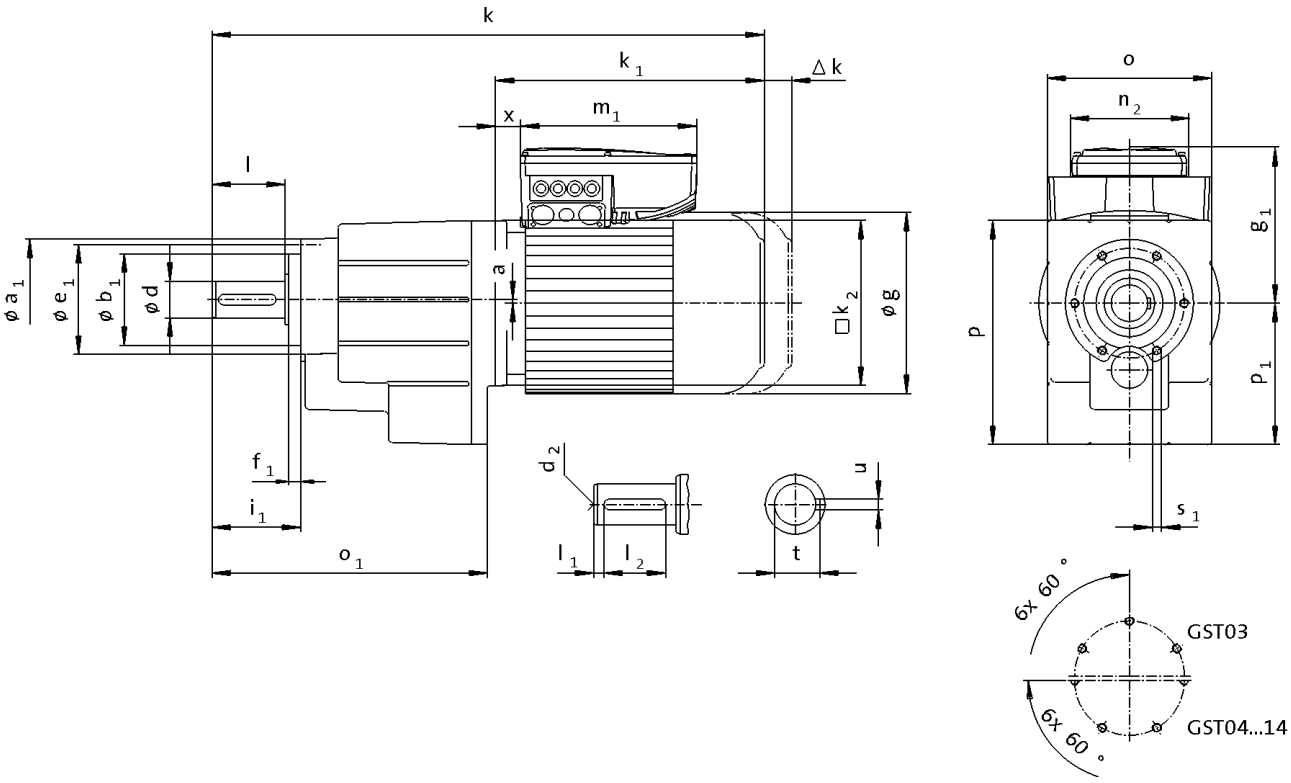
		080C32	090C12 090C32	100C12	100C32
g		156	176	194	
$g_{1, 50Hz}$		172	177	217	
$g_{1, 87Hz}$		172	205.5		
k_1	MHEMAXX	224.5	274	309	324
k_2		145		180	
x_{50Hz}		25.5	28.8	29.6	
x_{87Hz}		25.5	27.8		
$m_{1, 50Hz}$		241		260	
$m_{1, 87Hz}$		241	260		
$n_{2, 50Hz}$		161		176	
$n_{2, 87Hz}$		161	176		
Δ k	MHEMABR	73	68	76	
	MHFMAXX	128		109	
	MHFMABR	183	181	170	
		k			
GST04		413	473		
GST05		443	503	538	553
GST06		469	529	564	579
GST07		525	585	620	635
GST09			648	683	698
GST11				740	755

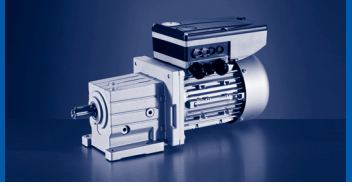
	a	h[1)]	o[1)]	p[1)]
GST04	0	80	100	132
GST05	1	100	115	158.5
GST06	2	125	145	198
GST07	3	160	180	251
GST09	4	200	222	311
GST11	4	250	270	385

	d	d	d_2	l	l_1	l_2	u	t	i	i_5	o_1	b_5	b_7	c_5	e_5	f_5	m	n	n_1	s_5
	k6	m6																		
GST04	20		M6	40	5	28	6	22.5	43	53	174	76	105	18	129	112	24.5	20	36	9
GST05	25		M10	50	4	40	8	28	53	66	214	90	125	23	155	139	32.5	26	49	11
GST06	30		M10	60	6	45	8	33	64	79	243	106	160	28	196	157	38	35	52	13.5
GST07	40		M16	80	7	63	12	43	84	104	302	130	200	34	247	196	48.5	45	66	18
GST09	50		M16	100	8	80	14	53.5	105	127.5	370	165	245	44	298	239	54	48	74	18
GST11		60	M20	120	8	100	18	64	125	155	433	200	300	54	368	280	69	65	80	22

[1)] k_2 !

GST□□-2M VCR


k
k 1
Δ k
x
m 1
l
ø a 1
ø e 1
ø b 1
ø d
a
□k 2
ø g
f 1
i 1
o 1
d 2
l 1
l 2
u
t
o
n 2
g 1
p
p 1
s 1
6x 60 °
GST03
6x 60 °
GST04...14



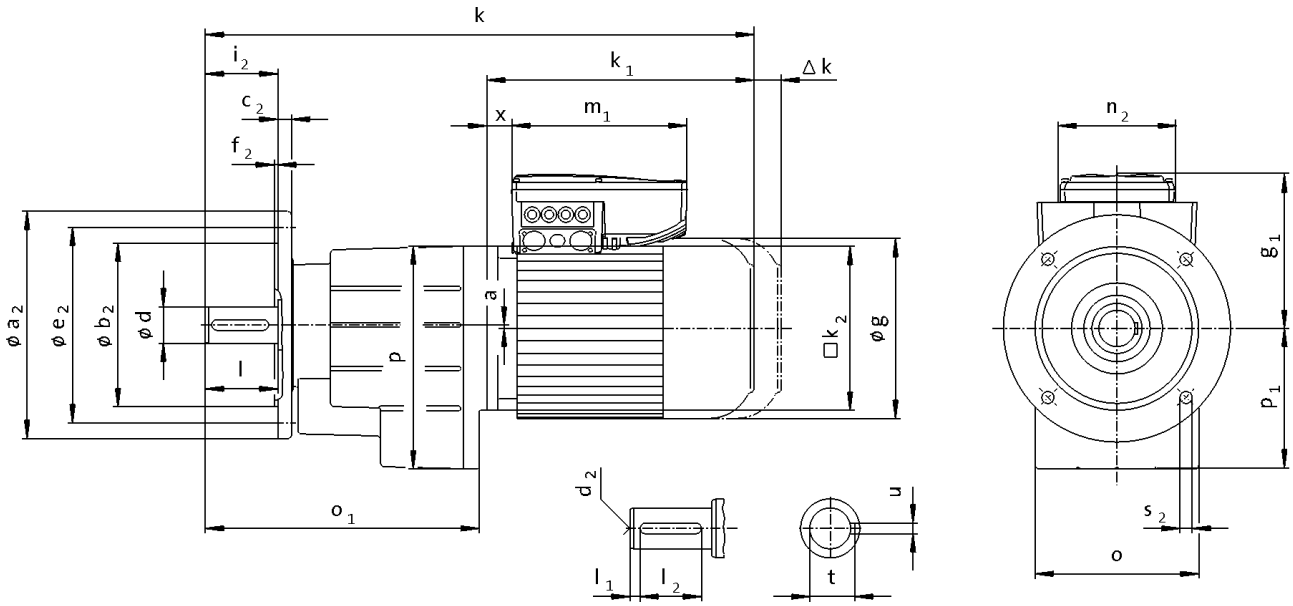
		080C32	090C12 090C32	100C12	100C32
g		156	176	194	
$g_{1, 50Hz}$		172	177	217	
$g_{1, 87Hz}$		172	205.5		
k_1	MHEMAXX	224.5	274	309	324
k_2		145		180	
x_{50Hz}		25.5	28.8	29.6	
x_{87Hz}		25.5	27.8		
$m_{1, 50Hz}$		241		260	
$m_{1, 87Hz}$		241	260		
$n_{2, 50Hz}$		161		176	
$n_{2, 87Hz}$		161	176		
Δ k	MHEMABR	73	68	76	
	MHFMAXX	128		109	
	MHFMABR	183	181	170	
		k			
GST04		413	473		
GST05		443	503	538	553
GST06		469	529	564	579
GST07		525	585	620	635
GST09			648	683	698
GST11				740	755

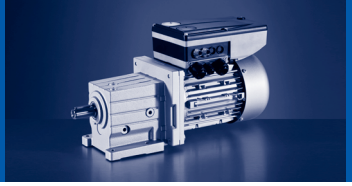
	a	o[1)]	p[1)]	p_1
GST04	0	100	129	77
GST05	1	115	156	98
GST06	2	145	194	121
GST07	3	180	245	155
GST09	4	222	304	194
GST11	4	270	378	243

	d	d	d_2	l	l_1	l_2	u	t	i_1	o_1	a_1	b_1	e_1	f_1	s_1
	k6	m6										h7			
GST04	20		M6	40	5	28	6	22.5	51	174	72	48	61	8	M5x10
GST05	25		M10	50	4	40	8	28	62	214	88	58	74	9	M6x12
GST06	30		M10	60	6	45	8	33	74	243	109	70	90	10	M8x14
GST07	40		M16	80	7	63	12	43	97	302	140	100	120	13	M10x18
GST09	50		M16	100	8	80	14	53.5	120	370	174	120	145	15	M12x20
GST11		60	M20	120	8	100	18	64	143	433	215	150	185	18	M16x26

[1)] k_2 !

GST□□-2M VCK


k
i 2
k 1
Δ k
c 2
x
m 1
f 2
n 2
g 1
ø a 2
ø e 2
ø b 2
ø d
l
p
a
□k 2
ø g
p 1
o 1
d 2
u
l 1
l 2
t
s 2
o



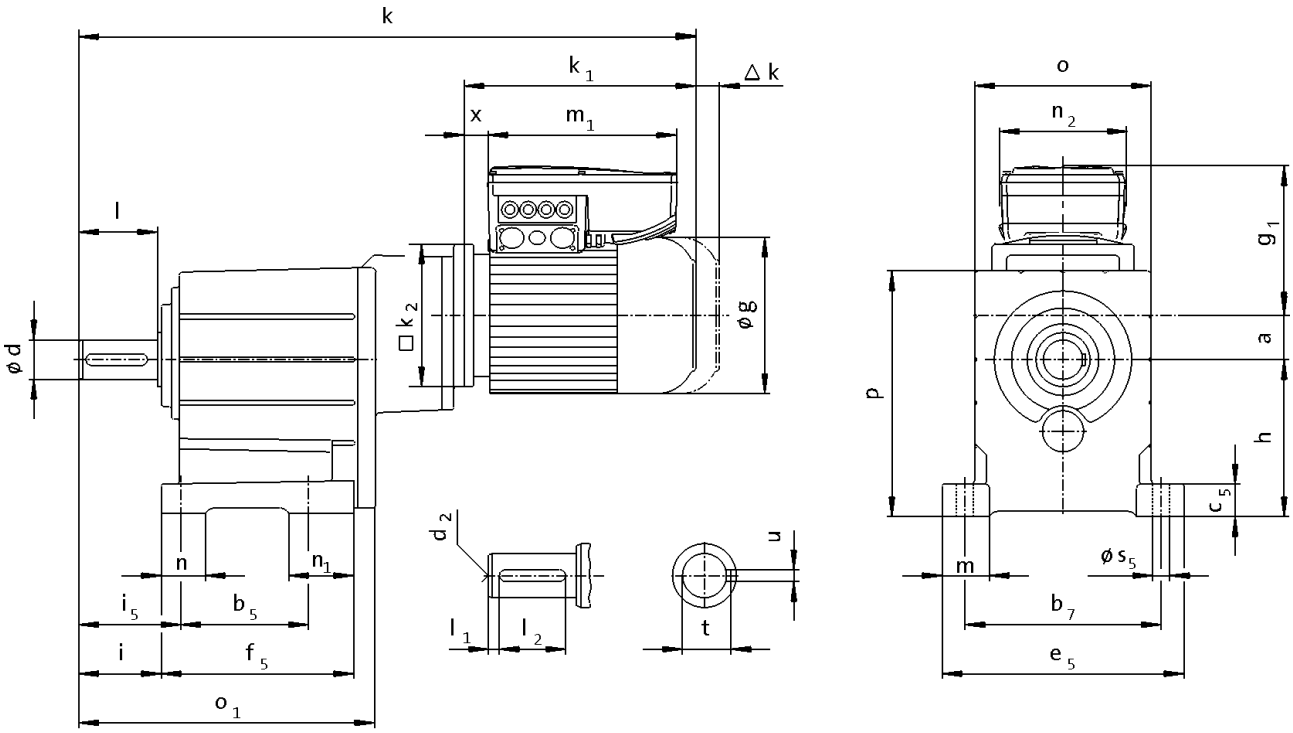
		080C32	090C12 090C32	100C12	100C32
g		156	176	194	
$g_{1, 50Hz}$		172	177	217	
$g_{1, 87Hz}$		172	205.5		
k_1	MHEMAXX	224.5	274	309	324
k_2		145		180	
x_{50Hz}		25.5	28.8	29.6	
x_{87Hz}		25.5	27.8		
$m_{1, 50Hz}$		241		260	
$m_{1, 87Hz}$		241	260		
$n_{2, 50Hz}$		161		176	
$n_{2, 87Hz}$		161	176		
Δ k	MHEMABR	73	68	76	
	MHFMAXX	128		109	
	MHFMABR	183	181	170	
		k			
GST04		413	473		
GST05		443	503	538	553
GST06		469	529	564	579
GST07		525	585	620	635
GST09			648	683	698
GST11				740	755

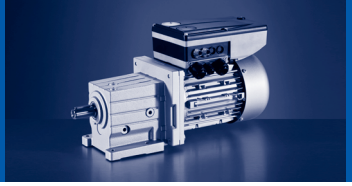
	a	o[1)]	p[1)]	p_1
GST04	0	100	129	77
GST05	1	115	156	98
GST06	2	145	194	121
GST07	3	180	245	155
GST09	4	222	304	194
GST11	4	270	378	243

	d	d	d_2	l	l_1	l_2	u	t	i_2	o_1	a_2	b_2	c_2	e_2	f_2	s_2
	k6	m6										j7				
GST04	20		M6	40	5	28	6	22.5	40	174	120 140 160	80 95 110	10 10 10	100 115 130	3 3 3.5	7 9 9
GST05	25		M10	50	4	40	8	28	50	214	120 140 160 200	80 95 110 130	10 10 10 12	100 115 130 165	3 3 3.5 3.5	7 9 9 11
GST06	30		M10	60	6	45	8	33	60	243	160 200	110 130	12 12	130 165	3.5 3.5	9 11
GST07	40		M16	80	7	63	12	43	80	302	200 250	130 180	14 15	165 215	3.5 4	11 13.5
GST09	50		M16	100	8	80	14	53.5	100	370	250 300	180 230	16 18	215 265	4 4	13.5 13.5
GST11		60	M20	120	8	100	18	64	120	433	300 350	230 250	18 20	265 300	4 5	14 18

[1)] k_2 !

GST□□-3M VBR


k
k 1
Δ k
x
m 1
l
ø d
□ k 2
ø g
n
n 1
i 5
b 5
i
f 5
o 1
d 2
l 1
l 2
u
t
o
n 2
g 1
a
p
h
c 5
m
ø s 5
b 7
e 5



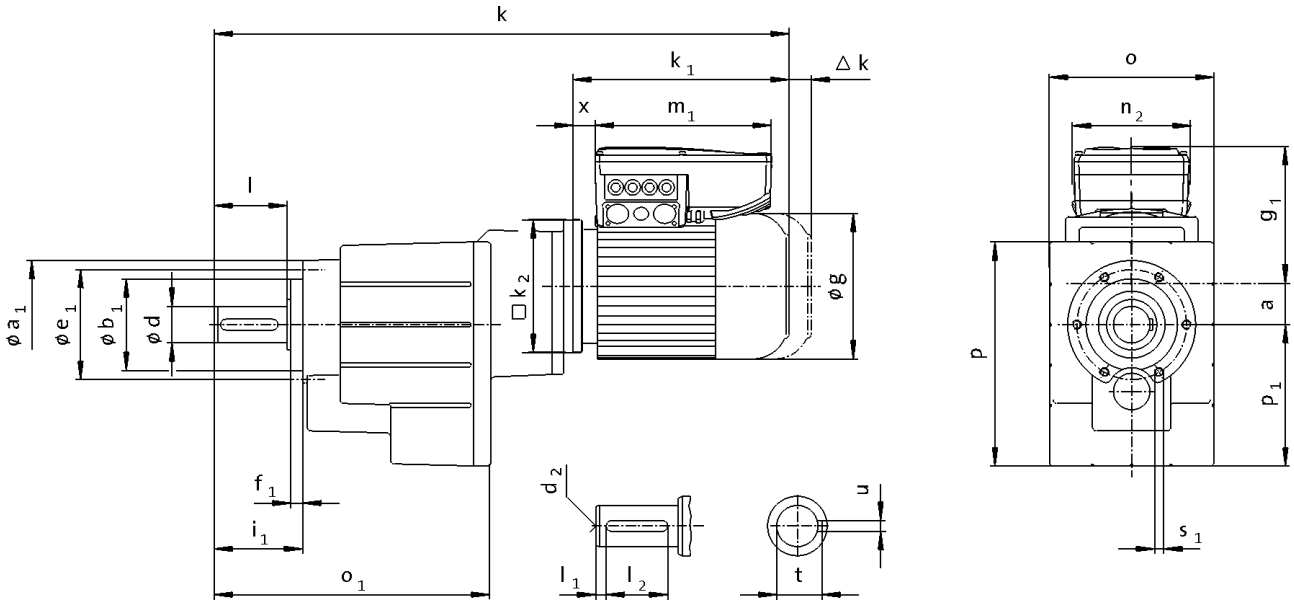
		080C32	090C12 090C32	100C12	100C32
g		156	176	194	
$g_{1, 50Hz}$		172	177	217	
$g_{1, 87Hz}$		172	205.5		
k_1	MHEMAXX	224.5	274	309	324
k_2		145		180	
x_{50Hz}		25.5	28.8	29.6	
x_{87Hz}		25.5	27.8		
$m_{1, 50Hz}$		241		260	
$m_{1, 87Hz}$		241	260		
$n_{2, 50Hz}$		161		176	
$n_{2, 87Hz}$		161	176		
Δ k	MHEMABR	73	68	76	
	MHFMAXX	128		109	
	MHFMABR	183	181	170	
		k			
GST06		563	622		
GST07		630	689	724	739
GST09		711	770	805	820
GST11		787	846	881	896
GST14			970	1005	1020

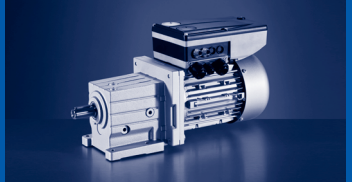
	a	h	o[1)]	p[1)]
GST06	34	125	145	198
GST07	42	160	180	251
GST09	52	200	222	311
GST11	66	250	270	385
GST14	83	315	328	479

	d	d	d_2	l	l_1	l_2	u	t	i	i_5	o_1	b_5	b_7	c_5	e_5	f_5	m	n	n_1	s_5
	k6	m6																		
GST06	30		M10	60	6	45	8	33	64	79	240	106	160	28	196	157	38	35	52	13.5
GST07	40		M16	80	7	63	12	43	84	104	302	130	200	34	247	196	48.5	45	66	18
GST09	50		M16	100	8	80	14	53.5	105	127.5	370	165	245	44	298	239	54	48	74	18
GST11		60	M20	120	8	100	18	64	125	155	433	200	300	54	368	280	69	65	80	22
GST14		80	M20	160	15	125	22	85	165	200	533	250	380	65	460	340	85	85	91	26

[1)] k_2 !

GST□□-3M VCR





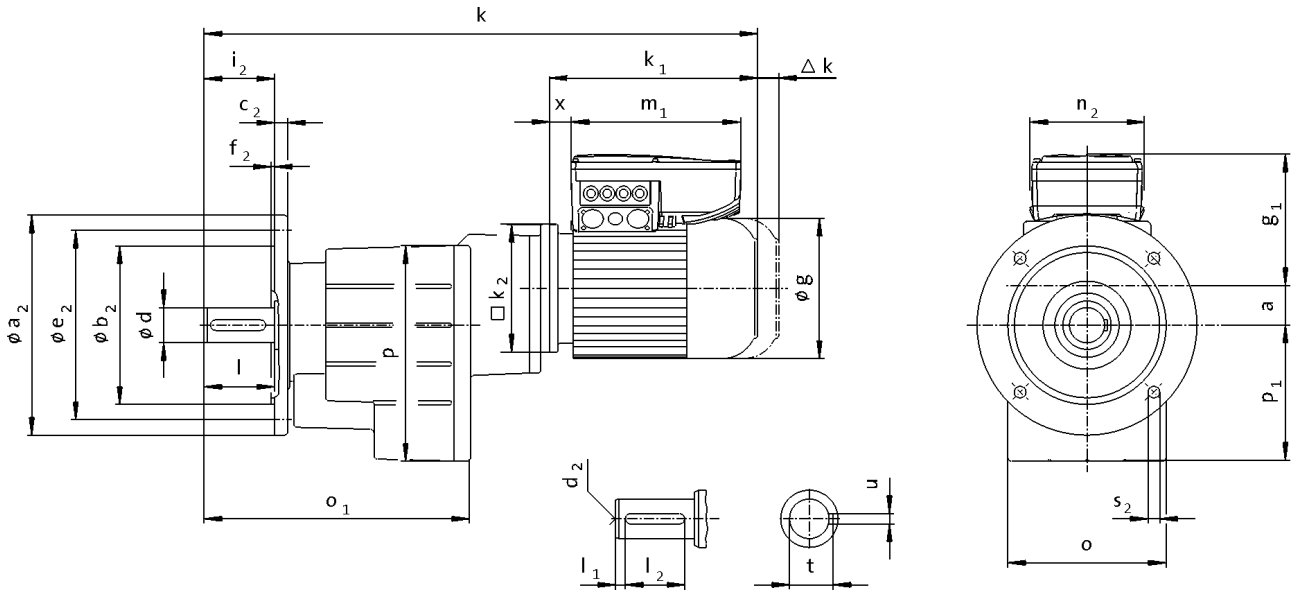
		080C32	090C12 090C32	100C12	100C32
g		156	176	194	
$g_{1, 50Hz}$		172	177	217	
$g_{1, 87Hz}$		172	205.5		
k_1	MHEMAXX	224.5	274	309	324
k_2		145		180	
x_{50Hz}		25.5	28.8	29.6	
x_{87Hz}		25.5	27.8		
$m_{1, 50Hz}$		241		260	
$m_{1, 87Hz}$		241	260		
$n_{2, 50Hz}$		161		176	
$n_{2, 87Hz}$		161	176		
Δ k	MHEMABR	73	68	76	
	MHFMAXX	128		109	
	MHFMABR	183	181	170	
		k			
GST06		563	622		
GST07		630	689	724	739
GST09		711	770	805	820
GST11		787	846	881	896
GST14			970	1005	1020

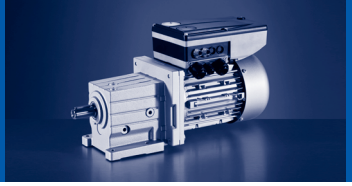
	a	o[1)]	p[1)]	p_1
GST06	34	145	194	121
GST07	42	180	245	155
GST09	52	222	304	194
GST11	66	270	378	243
GST14	83	328	470	306

	d	d	d_2	l	l_1	l_2	u	t	i_1	o_1	a_1	b_1	e_1	f_1	s_1
	k6	m6										h7			
GST06	30		M10	60	6	45	8	33	74	240	109	70	90	10	M8x14
GST07	40		M16	80	7	63	12	43	97	302	140	100	120	13	M10x18
GST09	50		M16	100	8	80	14	53.5	120	370	174	120	145	15	M12x20
GST11		60	M20	120	8	100	18	64	143	433	215	150	185	18	M16x26
GST14		80	M20	160	15	125	22	85	187	533	265	195	230	22	M20x34

[1)] k_2 !

GST□□-3M VCK


k
i 2
k 1
Δ k
c 2
x
m 1
f 2
n 2
g 1
ø a 2
ø e 2
ø b 2
ø d
□ k 2
ø g
a
p
l
p 1
o 1
d 2
u
s 2
l 1
l 2
t
o



		080C32	090C12 090C32	100C12	100C32
g		156	176	194	
$g_{1, 50Hz}$		172	177	217	
$g_{1, 87Hz}$		172	205.5		
k_1	MHEMAXX	224.5	274	309	324
k_2		145		180	
x_{50Hz}		25.5	28.8	29.6	
x_{87Hz}		25.5	27.8		
$m_{1, 50Hz}$		241		260	
$m_{1, 87Hz}$		241	260		
$n_{2, 50Hz}$		161		176	
$n_{2, 87Hz}$		161	176		
Δ k	MHEMABR	73	68	76	
	MHFMAXX	128		109	
	MHFMABR	183	181	170	
		k			
GST06		563	622		
GST07		630	689	724	739
GST09		711	770	805	820
GST11		787	846	881	896
GST14			970	1005	1020

	a	o[1)]	p[1)]	p_1
GST06	34	145	194	121
GST07	42	180	245	155
GST09	52	222	304	194
GST11	66	270	378	243
GST14	83	328	470	306

	d	d	d_2	l	l_1	l_2	u	t	i_2	o_1	a_2	b_2	c_2	e_2	f_2	s_2
	k6	m6										j7				
GST06	30		M10	60	6	45	8	33	60	240	160 200	110 130	12 12	130 165	3.5 3.5	9 11
GST07	40		M16	80	7	63	12	43	80	302	200 250	130 180	14 15	165 215	3.5 4	11 13.5
GST09	50		M16	100	8	80	14	53.5	100	370	250 300	180 230	16 18	215 265	4 4	13.5 13.5
GST11		60	M20	120	8	100	18	64	120	433	300 350	230 250	18 20	265 300	4 5	14 18
GST14		80	M20	160	15	125	22	85	160	533	350 400	250 300	22 24	300 350	5 5	18 18

[1)] k_2 !

GST□□-1M VBR

			063C32	063C42	071C32 071C42	080C32 080C42	090C32	100C12 100C32
GST04	m	[kg]	8		10	16	20	
GST05	m	[kg]		12	14	19	24	33
GST06	m	[kg]		16	18	23	28	37
GST07	m	[kg]				33	38	47
GST09	m	[kg]					52	61

GST□□-1M VCR

			063C32	063C42	071C32
GST04	m	[kg]	7	8	9
GST05	m	[kg]		11	13
GST06	m	[kg]		15	16

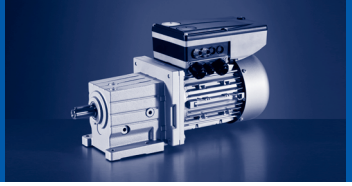
			071C42	080C32 080C42	090C32	100C12 100C32
GST04	m	[kg]	10	15	19	
GST05	m	[kg]	13	18	23	32
GST06	m	[kg]	17	21	27	36
GST07	m	[kg]		29	35	44
GST09	m	[kg]			48	57

GST□□-1M VCK

			063C32	063C42	071C32
GST04	m	[kg]	8	9	10
GST05	m	[kg]		13	14
GST06	m	[kg]		18	19

			071C42	080C32 080C42	090C32	100C12 100C32
GST04	m	[kg]	11	16	20	
GST05	m	[kg]	15	19	24	33
GST06	m	[kg]	20	24	30	39
GST07	m	[kg]		33	39	48
GST09	m	[kg]			55	64

► Weights with oil filling for mounting position A, all values are approximate.
The weights relate to the basic version without 8400 motec
Note the additional weights (for 8400 motec and motor options).



GST□□-2M VAR / VBR

			063C32	063C42	071C32
GST03	m	[kg]	6		7
GST04	m	[kg]	10		12
GST05	m	[kg]		16	17
GST06	m	[kg]		23	24

			071C42	080C32 080C42	090C32	100C12 100C32
GST03	m	[kg]	8			
GST04	m	[kg]	12	18	22	
GST05	m	[kg]	18	22	27	36
GST06	m	[kg]	25	29	35	44
GST07	m	[kg]		45	50	59
GST09	m	[kg]			77	86
GST11	m	[kg]				132

GST□□-2M VCR

			063C32	063C42	071C32
GST03	m	[kg]	6		7
GST04	m	[kg]	9	10	11
GST05	m	[kg]		14	16
GST06	m	[kg]		20	22

			071C42	080C32 080C42	090C32	100C12 100C32
GST03	m	[kg]	8			
GST04	m	[kg]	12	17	21	
GST05	m	[kg]	16	21	26	35
GST06	m	[kg]	22	27	32	41
GST07	m	[kg]		40	45	54
GST09	m	[kg]			68	77
GST11	m	[kg]				117

► Weights with oil filling for mounting position A, all values are approximate.
The weights relate to the basic version without 8400 motec
Note the additional weights (for 8400 motec and motor options).

GST□□-2M VCK

			063C32	063C42	071C32
GST03	m	[kg]	6	7	8
GST04	m	[kg]	10	11	12
GST05	m	[kg]		16	17
GST06	m	[kg]		23	25

			071C42	080C32 080C42	090C32	100C12 100C32
GST03	m	[kg]	9			
GST04	m	[kg]	13	18	22	
GST05	m	[kg]	18	22	27	36
GST06	m	[kg]	25	30	35	44
GST07	m	[kg]		44	49	58
GST09	m	[kg]			75	84
GST11	m	[kg]				128

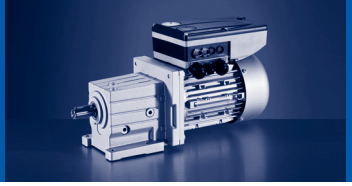
3

GST□□-2M VAL

			063C32	063C42	071C32
GST04	m	[kg]	11		13
GST05	m	[kg]		17	19
GST06	m	[kg]		26	27

			071C42	080C32 080C42	090C32	100C12 100C32
GST04	m	[kg]	13	19	23	
GST05	m	[kg]	19	24	29	38
GST06	m	[kg]	28	32	38	47
GST07	m	[kg]		49	54	63
GST09	m	[kg]			84	93
GST11	m	[kg]				142

- Weights with oil filling for mounting position A, all values are approximate.
  The weights relate to the basic version without 8400 motec
  Note the additional weights (for 8400 motec and motor options).



GST□□-3M VAR / VBR

			063C32	063C42	071C32
GST05	m	[kg]	16		18
GST06	m	[kg]	26		28
GST07	m	[kg]		46	47
GST09	m	[kg]		78	79

			071C42	080C32 080C42	090C32	100C12 100C32
GST05	m	[kg]	19			
GST06	m	[kg]	29	34	38	
GST07	m	[kg]	48	53	58	67
GST09	m	[kg]	80	85	90	99
GST11	m	[kg]		139	144	153
GST14	m	[kg]			250	259

GST□□-3M VCR

			063C32	063C42	071C32
GST05	m	[kg]	15		16
GST06	m	[kg]	23	24	25
GST07	m	[kg]		41	43
GST09	m	[kg]		69	71

			071C42	080C32 080C42	090C32	100C12 100C32
GST05	m	[kg]	17			
GST06	m	[kg]	26	31	35	
GST07	m	[kg]	44	48	53	62
GST09	m	[kg]	71	76	81	90
GST11	m	[kg]		124	129	138
GST14	m	[kg]			222	231

► Weights with oil filling for mounting position A, all values are approximate.
The weights relate to the basic version without 8400 motec
Note the additional weights (for 8400 motec and motor options).

GST□□-3M VCK

			063C32	063C42	071C32
GST05	m	[kg]	16		18
GST06	m	[kg]	26	27	28
GST07	m	[kg]		45	47
GST09	m	[kg]		76	78

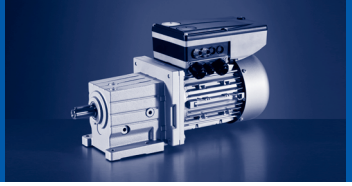
			071C42	080C32 080C42	090C32	100C12 100C32
GST05	m	[kg]	19			
GST06	m	[kg]	29	34	38	
GST07	m	[kg]	48	52	57	66
GST09	m	[kg]	78	83	88	97
GST11	m	[kg]		135	140	149
GST14	m	[kg]			238	247

GST□□-3M VAL

			063C32	063C42	071C32
GST05	m	[kg]	18		19
GST06	m	[kg]	29		31
GST07	m	[kg]		50	51
GST09	m	[kg]		85	86

			071C42	080C32 080C42	090C32	100C12 100C32
GST05	m	[kg]	20			
GST06	m	[kg]	32	37	41	
GST07	m	[kg]	52	57	62	71
GST09	m	[kg]	87	92	97	106
GST11	m	[kg]		150	155	164
GST14	m	[kg]			266	275

► Weights with oil filling for mounting position A, all values are approximate.
The weights relate to the basic version without 8400 motec
Note the additional weights (for 8400 motec and motor options).



GST□□-1M VBR

			063C32	063C42	071C32 071C42	080C32 080C42
GST04	m	[kg]	8		10	16
GST05	m	[kg]	12		14	19
GST06	m	[kg]		16	18	23
GST07	m	[kg]				33

GST□□-1M VCR

			063C32	063C42	071C32 071C42	080C32 080C42
GST04	m	[kg]	8		10	15
GST05	m	[kg]	11		13	18
GST06	m	[kg]		15	17	21
GST07	m	[kg]				29

GST□□-1M VCK

			063C32	063C42	071C32 071C42	080C32 080C42
GST04	m	[kg]	9		11	16
GST05	m	[kg]	13		15	19
GST06	m	[kg]		18	20	24
GST07	m	[kg]				33

- Weights with oil filling for mounting position A, all values are approximate.
  The weights relate to the basic version without 8400 motec
  Note the additional weights (for 8400 motec and motor options).

GST□□-2M VAR / VBR

			063C32	063C42	071C32 071C42	080C32 080C42
GST03	m	[kg]	6			
GST04	m	[kg]	10		12	18
GST05	m	[kg]	16		18	22
GST06	m	[kg]		23	25	29
GST07	m	[kg]				45

GST□□-2M VCR

			063C32	063C42	071C32 071C42	080C32 080C42
GST03	m	[kg]	6			
GST04	m	[kg]	10		12	17
GST05	m	[kg]	14		16	21
GST06	m	[kg]		20	22	27
GST07	m	[kg]				40

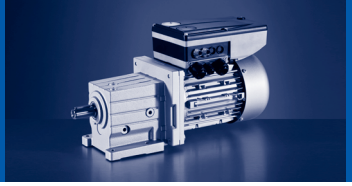
GST□□-2M VCK

			063C32	063C42	071C32 071C42	080C32 080C42
GST03	m	[kg]	7			
GST04	m	[kg]	11		13	18
GST05	m	[kg]	16		18	22
GST06	m	[kg]		23	25	30
GST07	m	[kg]				44

GST□□-2M VAL

			063C32	063C42	071C32 071C42	080C32 080C42
GST04	m	[kg]	11		13	19
GST05	m	[kg]	17		19	24
GST06	m	[kg]		26	28	32
GST07	m	[kg]				49

► Weights with oil filling for mounting position A, all values are approximate.
The weights relate to the basic version without 8400 motec
Note the additional weights (for 8400 motec and motor options).



GST□□-3M VAR / VBR

			063C32	063C42	071C32	071C42	080C32 080C42
GST05	m	[kg]	16		19		
GST06	m	[kg]	26		29		34
GST07	m	[kg]	46		48		53
GST09	m	[kg]		78	80		85
GST11	m	[kg]					139

GST□□-3M VCR

			063C32	063C42	071C32	071C42	080C32 080C42
GST05	m	[kg]	15		17		
GST06	m	[kg]	24		26		31
GST07	m	[kg]	41		44		48
GST09	m	[kg]		69	71		76
GST11	m	[kg]					124

GST□□-3M VCK

			063C32	063C42	071C32	071C42	080C32 080C42
GST05	m	[kg]	16		19		
GST06	m	[kg]	27		29		34
GST07	m	[kg]	45		48		52
GST09	m	[kg]		76	78		83
GST11	m	[kg]					135

GST□□-3M VAL

			063C32	063C42	071C32	071C42	080C32 080C42
GST05	m	[kg]	18		20		
GST06	m	[kg]	29		32		37
GST07	m	[kg]	50		52		57
GST09	m	[kg]		85	87		92
GST11	m	[kg]					150

► Weights with oil filling for mounting position A, all values are approximate.
The weights relate to the basic version without 8400 motec
Note the additional weights (for 8400 motec and motor options).

GST□□-1M VBR

			080C32	090C12	090C32	100C12	100C32
GST04	m	[kg]	16	21	23		
GST05	m	[kg]	19	25	27	33	35
GST06	m	[kg]	23	29	31	37	40
GST07	m	[kg]	33	39	41	47	49
GST09	m	[kg]		53	55	61	64

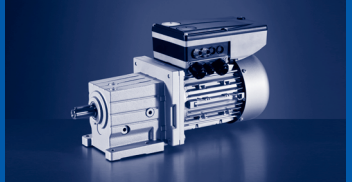
GST□□-1M VCR

			080C32	090C12	090C32	100C12	100C32
GST04	m	[kg]	15	20	22		
GST05	m	[kg]	18	24	26	32	34
GST06	m	[kg]	21	28	30	36	38
GST07	m	[kg]	29	36	38	44	46
GST09	m	[kg]		49	51	57	59

GST□□-1M VCK

			080C32	090C12	090C32	100C12	100C32
GST04	m	[kg]	16	21	23		
GST05	m	[kg]	19	25	27	33	36
GST06	m	[kg]	24	31	33	39	41
GST07	m	[kg]	33	40	42	48	50
GST09	m	[kg]		56	58	64	66

- Weights with oil filling for mounting position A, all values are approximate.
  The weights relate to the basic version without 8400 motec
  Note the additional weights (for 8400 motec and motor options).



GST□□-2M VAR / VBR

			080C32	090C12	090C32	100C12	100C32
GST04	m	[kg]	18	23	25		
GST05	m	[kg]	22	28	30	36	39
GST06	m	[kg]	29	36	38	44	46
GST07	m	[kg]	45	51	53	59	61
GST09	m	[kg]		78	80	86	88
GST11	m	[kg]				132	134

GST□□-2M VCR

			080C32	090C12	090C32	100C12	100C32
GST04	m	[kg]	17	22	24		
GST05	m	[kg]	21	27	29	35	37
GST06	m	[kg]	27	33	35	41	44
GST07	m	[kg]	40	46	48	54	57
GST09	m	[kg]		69	71	77	80
GST11	m	[kg]				117	120

GST□□-2M VCK

			080C32	090C12	090C32	100C12	100C32
GST04	m	[kg]	18	23	25		
GST05	m	[kg]	22	28	30	36	39
GST06	m	[kg]	30	36	38	44	47
GST07	m	[kg]	44	50	52	58	61
GST09	m	[kg]		76	78	84	87
GST11	m	[kg]				128	130

GST□□-2M VAL

			080C32	090C12	090C32	100C12	100C32
GST04	m	[kg]	19	24	26		
GST05	m	[kg]	24	30	32	38	40
GST06	m	[kg]	32	39	41	47	49
GST07	m	[kg]	49	55	57	63	65
GST09	m	[kg]		85	87	93	95
GST11	m	[kg]				142	145

- Weights with oil filling for mounting position A, all values are approximate.
  The weights relate to the basic version without 8400 motec
  Note the additional weights (for 8400 motec and motor options).

GST□□-3M VAR / VBR

			080C32	090C12	090C32	100C12	100C32
GST06	m	[kg]	34	39	41		
GST07	m	[kg]	53	59	61	67	69
GST09	m	[kg]	85	91	93	99	101
GST11	m	[kg]	139	145	147	153	156
GST14	m	[kg]		251	253	259	262

GST□□-3M VCR

			080C32	090C12	090C32	100C12	100C32
GST06	m	[kg]	31	36	38		
GST07	m	[kg]	48	54	56	62	65
GST09	m	[kg]	76	82	84	90	93
GST11	m	[kg]	124	130	132	138	141
GST14	m	[kg]		223	225	231	234

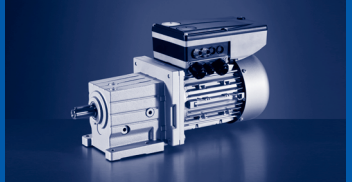
GST□□-3M VCK

			080C32	090C12	090C32	100C12	100C32
GST06	m	[kg]	34	39	41		
GST07	m	[kg]	52	58	60	66	69
GST09	m	[kg]	83	89	91	97	100
GST11	m	[kg]	135	141	143	149	151
GST14	m	[kg]		239	241	247	249

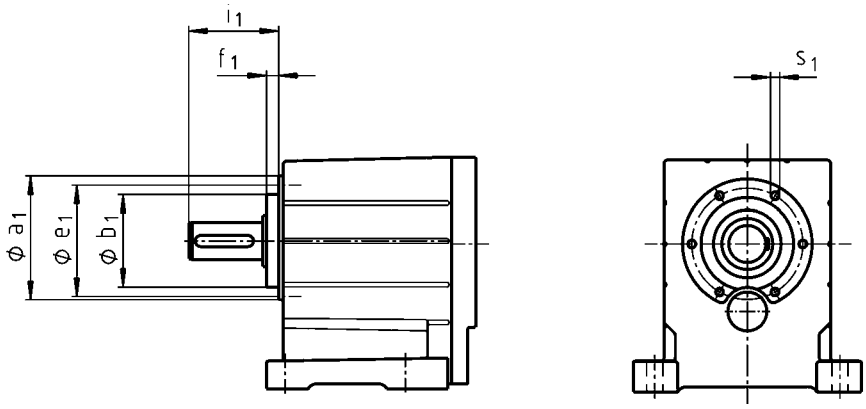
GST□□-3M VAL

			080C32	090C12	090C32	100C12	100C32
GST06	m	[kg]	37	42	44		
GST07	m	[kg]	57	63	65	71	73
GST09	m	[kg]	92	98	100	106	108
GST11	m	[kg]	150	156	158	164	166
GST14	m	[kg]		267	269	275	277

► Weights with oil filling for mounting position A, all values are approximate.
The weights relate to the basic version without 8400 motec
Note the additional weights (for 8400 motec and motor options).

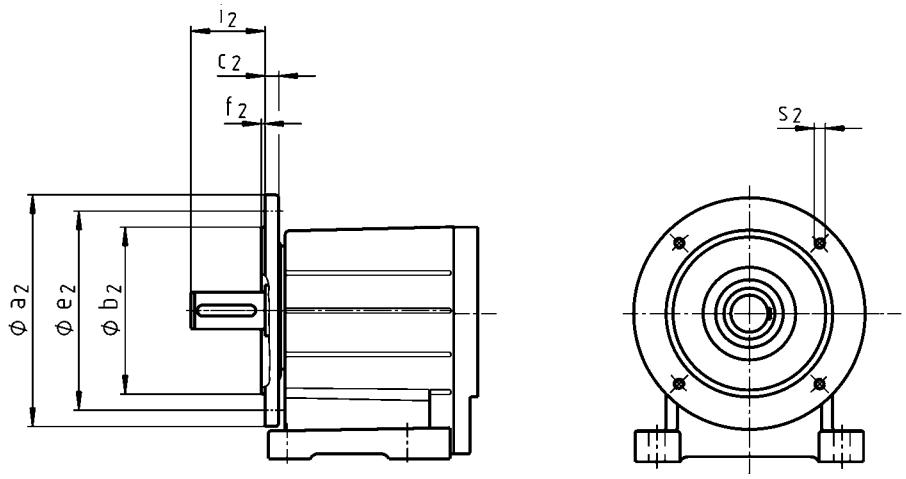


GST□□-2/3M VAR

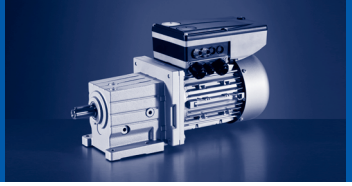


	a_1	b_1	e_1	f_1	i_1	s_1
		h7				
GST04	72	48	61	8.0	51.0	M5x10
GST05	88	58	74	9.0	62.0	M6x12
GST06	109	70	90	10.0	74.0	M8x14
GST07	140	100	120	13.0	97.0	M10x18
GST09	174	120	145	15.0	120.0	M12x20
GST11	215	150	185	18.0	143.0	M16x26
GST14	265	195	230	22.0	187.0	M20x34

GST□□-2/3M VAL

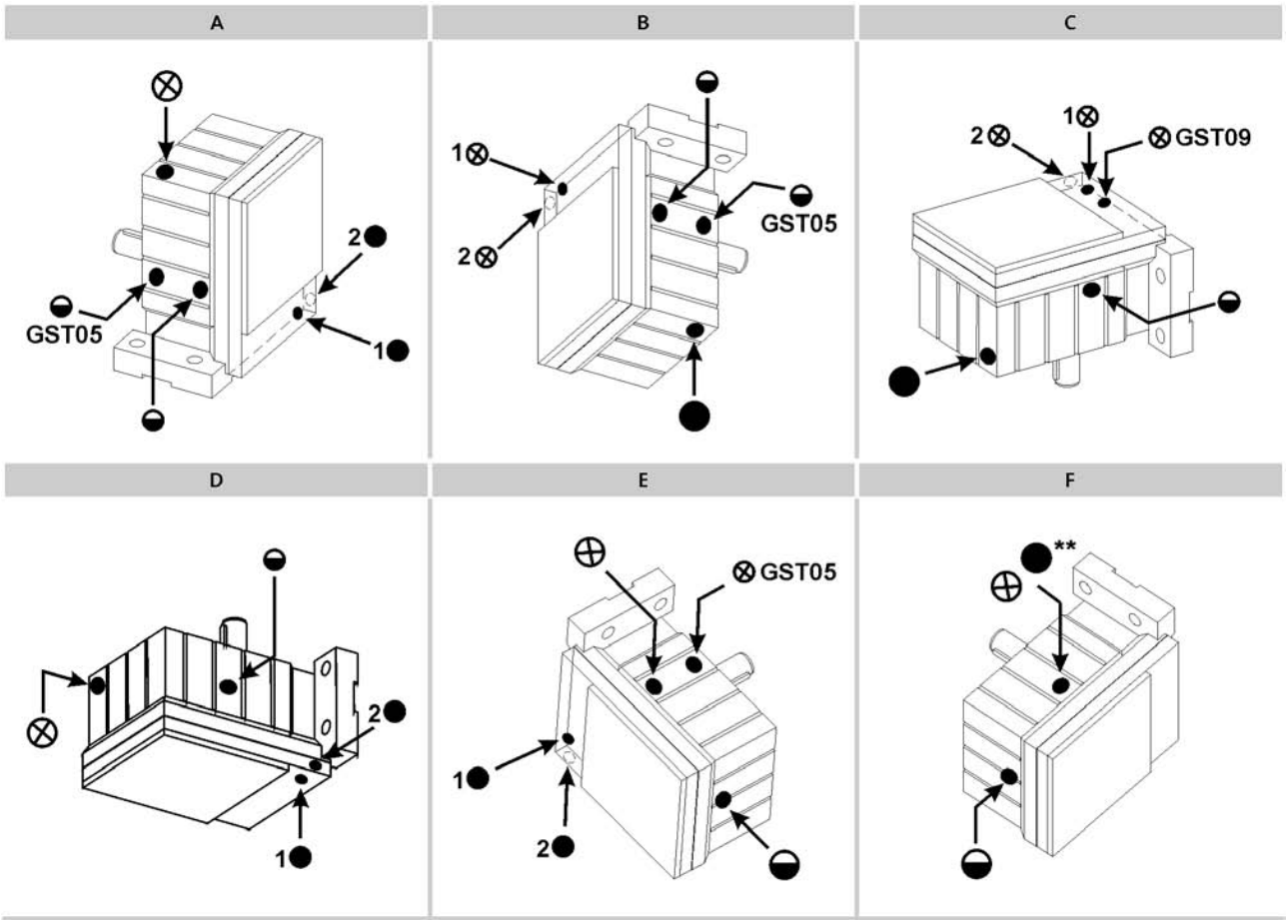


	a_2	b_2	c_2	e_2	f_2	i_2	s_2
		j7					
GST04	120	80	10	100	3.0	40	M6
	140	95		115			M8
GST05	120	80		100		50	M6
	140	95		115			M8
	160	110		130	3.5		
GST06	200	130	12	165		60	M10
GST07			14			80	
	250	180	15	215	4.0		M12
GST09			16			100	
	300	230	18	265		120	
GST11	350	250	20	300	5.0		M16
GST14			22			160	
	400	300	24	350			



Position of ventilation, sealing elements and oil level check

GST05...09-1

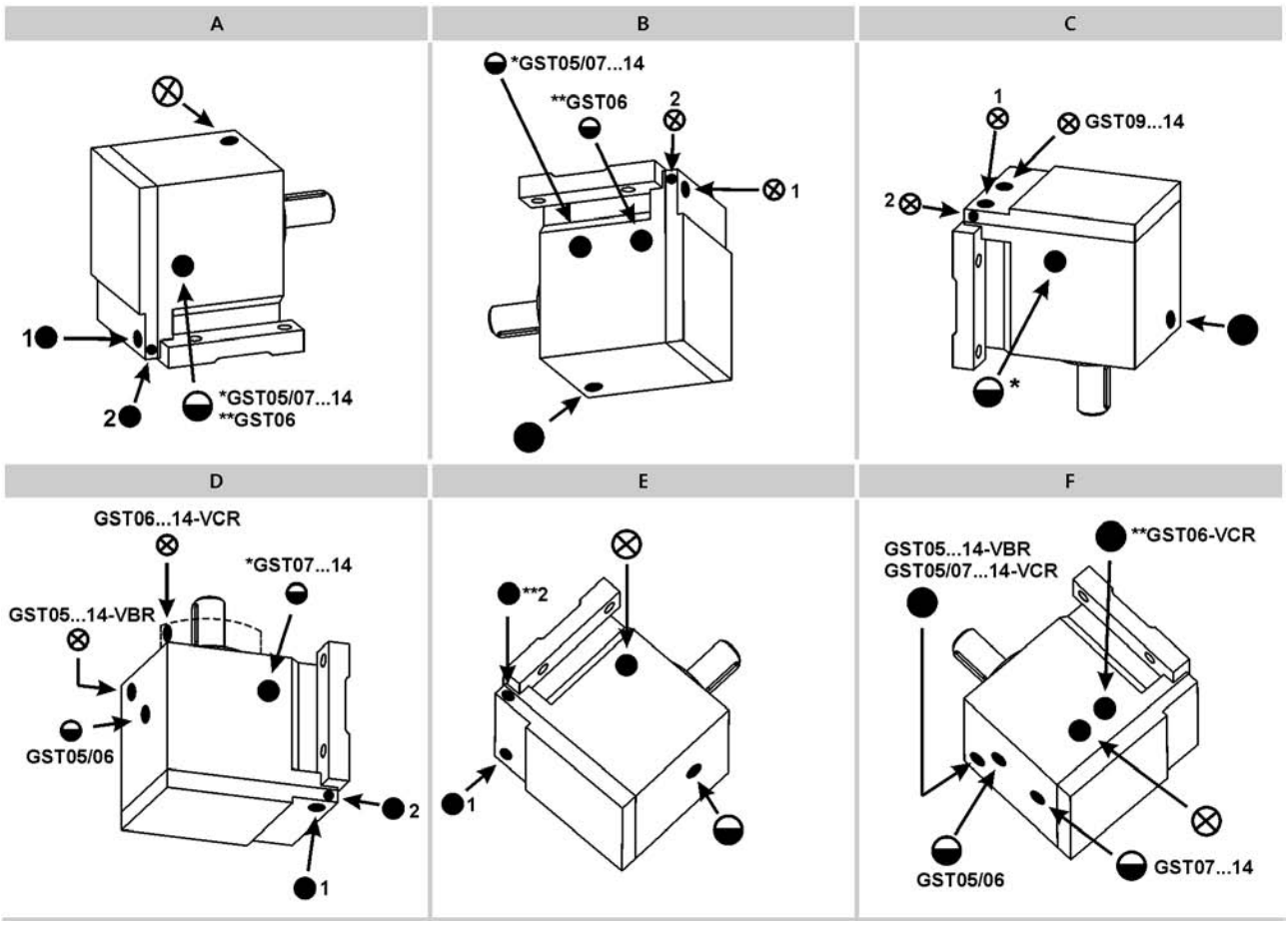


A ... F Mounting position
⊗ Ventilation / Oil filler plug
● Oil drain plug
◒ Oil control plug
* On both sides
** On opposite side

Pos.1 standard
Pos.2 only with:
- GST05-1□ V□□ 090C□□
- GST05-1□ V□□ 100C□□

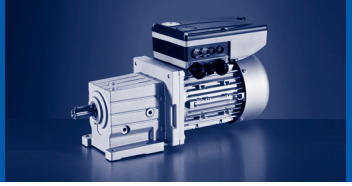
3

GST05...14-2

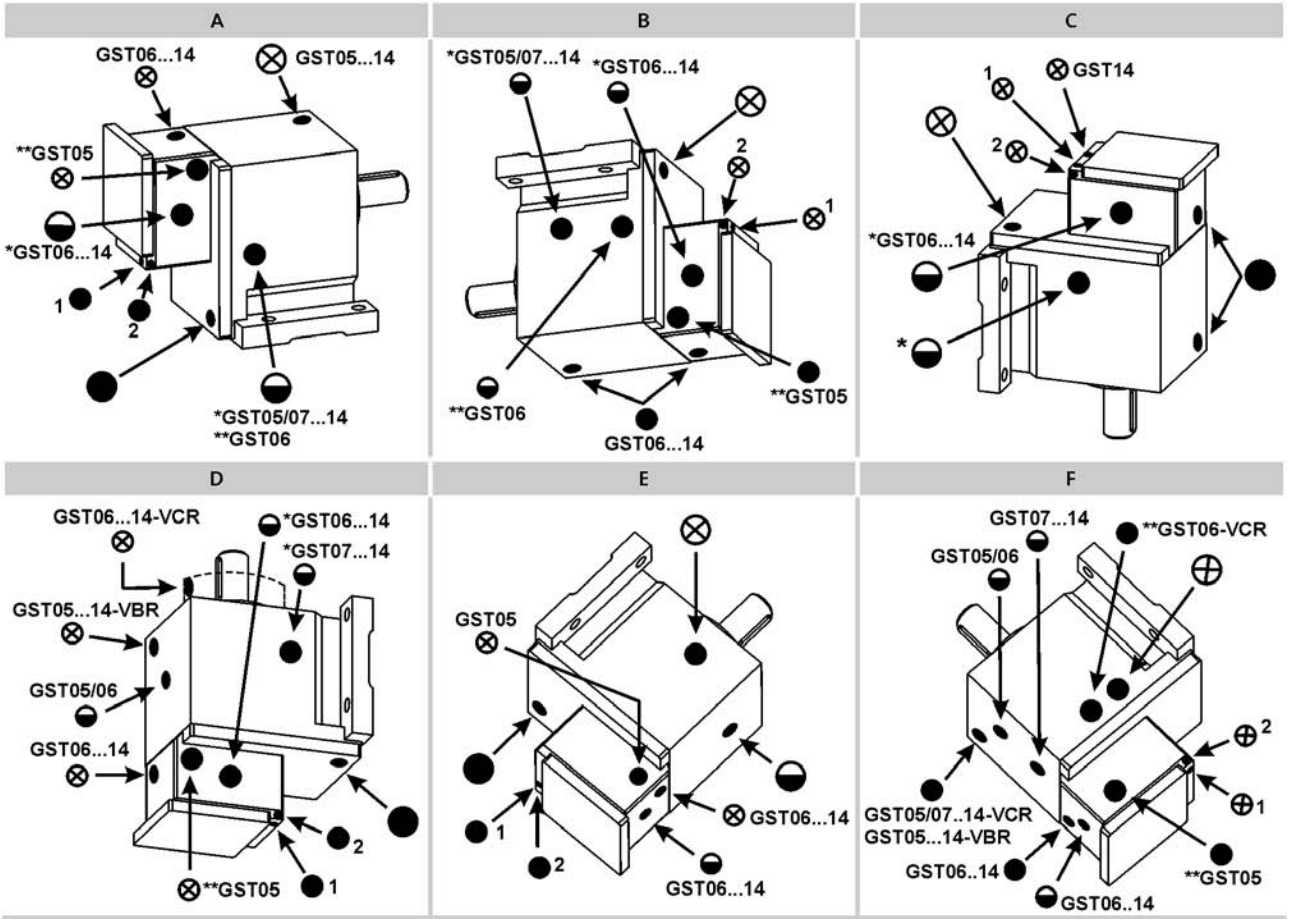


A ... F Mounting position
⊗ Ventilation / Oil filler plug
● Oil drain plug
◒ Oil control plug
* On both sides
** On opposite side

Pos.1 standard
Pos.2 only with:
- GST05-2□ V□□ 090C□□
- GST05-2□ V□□ 100C□□



GST05...14-3

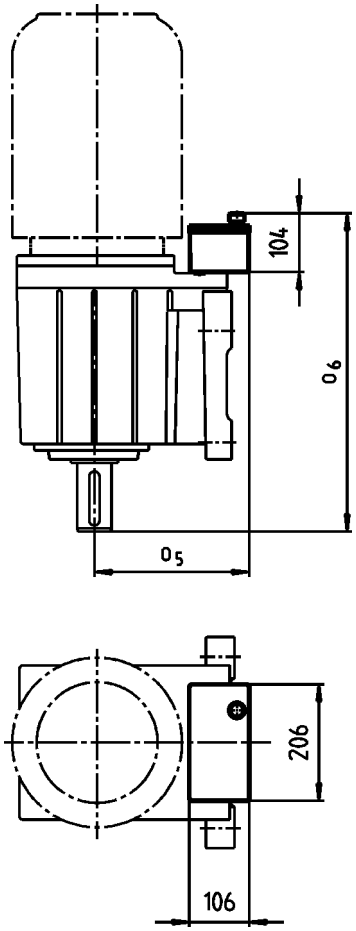


A ... F Mounting position
⊗ Ventilation / Oil filler plug
● Oil drain plug
◒ Oil control plug
* On both sides
** On opposite side

Pos.1 standard
Pos.2 only with:
- GST07-3□ V□□ 090C□□
- GST07-3□ V□□100C□□

Compensation reservoir for mounting position C

GST□□-2



Motor	090 100	
	$ø_5$	$ø_6$
	[mm]	[mm]
GST09	206	477
GST11	208	536

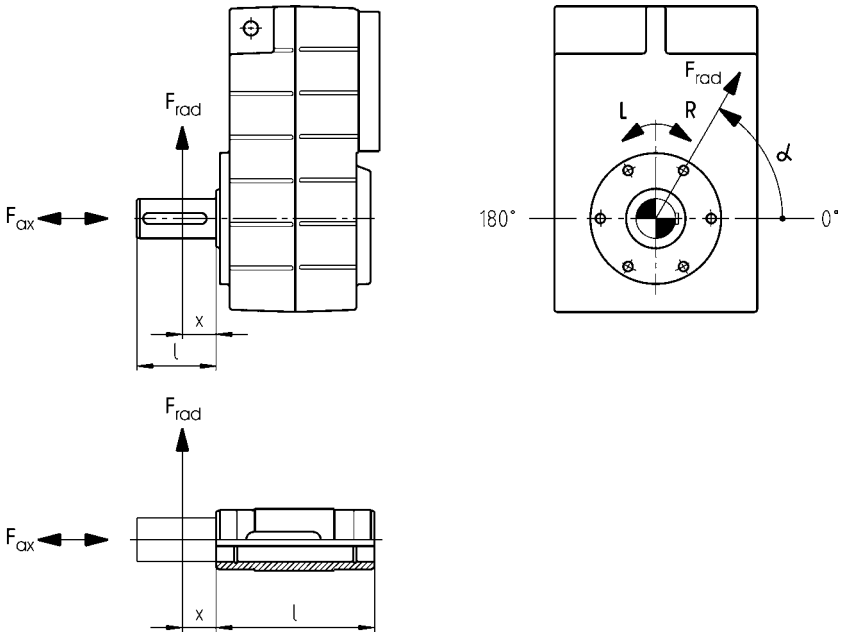
► Terminal box position 4 not permitted.

Permissible radial and axial forces at output

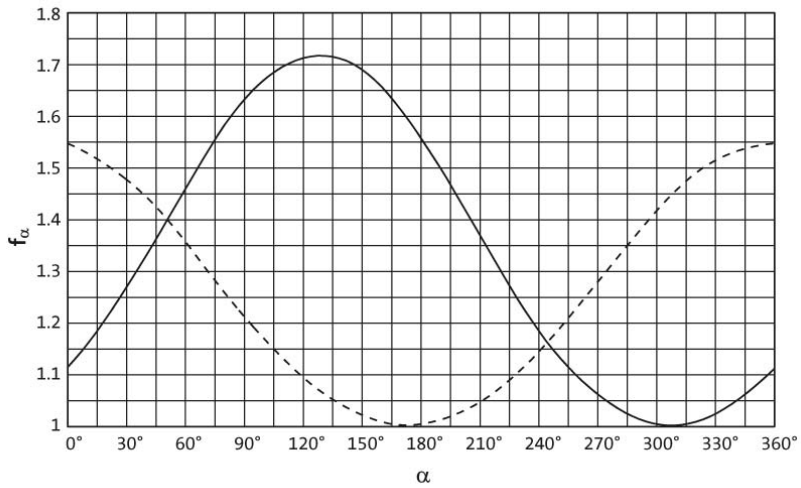
Permissible radial force
$F_{rad,per} = \min(f_w \times f_\alpha \times F_{rad,max}\ ;\ f_w \times F_{rad,max}$ at $n_2 \leq 16$ r/min)

Permissible axial force
$F_{ax,per} = F_{ax,max}$ if $F_{rad} = 0$

If F_{rad} **and** $F_{ax} \neq 0$; please contact Lenze.

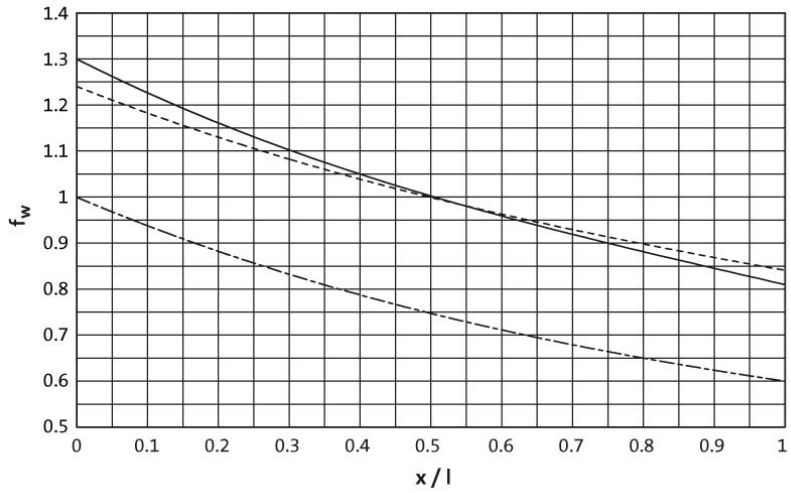


Effective direction factor f_α at output shaft



——— Direction of rotation R
— — — Direction of rotation L

Additional load factor f_w at output shaft



——— Solid shaft (V□□)
— — — Solid shaft with flange (V□K)
— · — Hollow shaft (H□□)

GFL□□-2/3□ H□□

Size	n_2 [r/min]									
Gearbox	1000	630	400	250	160	100	63	40	25	≤16
	Max. radial force, Hollow shaft									
	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$
	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]
GFL04	2100	2700	2800	3200	3800	4600	5500	6300	7000	7000
GFL05	1800	2400	3000	3400	4100	5000	6000	7100	8000	8000
GFL06	2400	3300	4300	4700	5000	6600	8500	10800	12000	12000
GFL07	2200	3400	4500	5100	6400	7900	9300	11500	15000	16000
GFL09			5000	6000	7200	10500	13000	15000	22000	24000
GFL11			7300	8700	10000	14200	19000	23000	27000	30000
GFL14			8000	9000	9500	11500	14000	18000	30000	45000
	Max. axial force, Hollow shaft									
	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$
	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]
GFL04	1300	1700	2200	2600	3200	4200	5300	5500	5500	5500
GFL05	1600	2200	2800	3600	4200	5900	6600	6600	6600	6600
GFL06	2400	3200	4000	5200	6000	8500	10000	10000	10000	10000
GFL07	2000	2700	3400	4700	6000	8500	12000	14000	14000	14000
GFL09			3100	4200	5800	10000	13500	17000	21000	21000
GFL11			4700	6000	7500	14000	19000	25000	27000	27000
GFL14			4000	5000	6200	7500	11000	17500	31000	35000

- Application of force F_{rad}: at hollow shaft end face (x = 0)
- $F_{ax,max}$ only valid with F_{rad} = 0
- Neither radial nor axial forces are permissible for the hollow shaft with shrink disc (S□□).

GFL□□-2/3□ V□R

Size	n_2 [r/min]									
Gearbox	1000	630	400	250	160	100	63	40	25	≤16
	Max. radial force, Solid shaft without flange									
	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$
	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]
GFL04	1650	2100	2300	2700	3200	3600	3600	3600	3600	3600
GFL05	1400	1900	2400	2700	3200	4000	4800	5800	6200	6200
GFL06	1850	2500	3200	3600	3900	5100	6500	8400	9000	9000
GFL07	1650	2600	3200	3600	3900	5100	6500	8400	9000	9000
GFL09 [1]			3800	4400	5500	8000	10000	12000	18000	18000
GFL11 [1]			5500	6300	7300	11200	14500	17400	20500	23000
GFL14			47000	54000	62000	65000	65000	65000	65000	65000
	Max. axial force, Solid shaft without flange									
	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$
	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]
GFL04	1300	1700	2200	2600	3200	4200	5300	5500	5500	5500
GFL05	1600	2200	2800	3600	4200	5900	6600	6600	6600	6600
GFL06	2400	3200	4000	5200	6000	8500	10000	10000	10000	10000
GFL07	2000	2700	3400	4700	6000	8500	12000	14000	14000	14000
GFL09 [1]			3100	4200	5800	10000	13500	17000	21000	21000
GFL11 [1]			4700	6000	7500	14000	19000	25000	27000	27000
GFL14			25000	27000	29000	32000	35000	35000	35000	35000

[1] Reinforced output shaft bearings are available on request for V□R versions.

- Application of force F_{rad}: centre of shaft journal (x = l/2)
- $F_{ax,max}$ only valid with F_{rad} = 0

GFL□□-2/3□ V□K

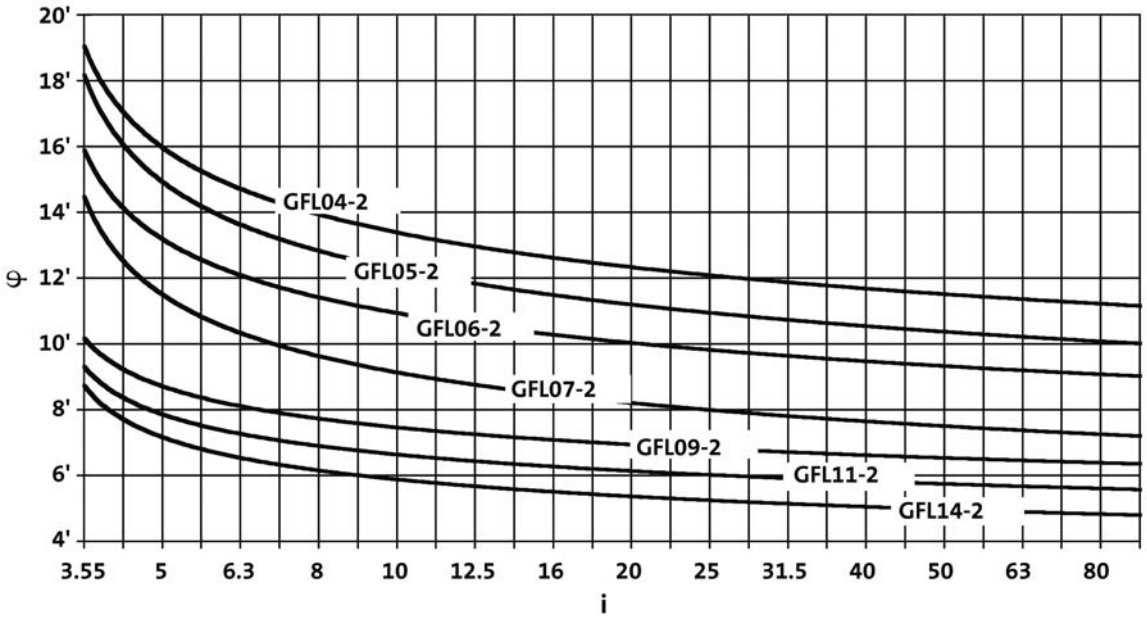
Size	n_2 [r/min]									
Gearbox	**1000**	**630**	**400**	**250**	**160**	**100**	**63**	**40**	**25**	**≤16**
	Max. radial force, Solid shaft with flange									
	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$
	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]
GFL04	2300	2800	3200	3700	4400	4600	4600	4600	4600	4600
GFL05	2900	3700	4300	5100	5900	6800	7000	7000	7000	7000
GFL06	4000	5000	6100	7000	7800	9600	10000	10000	10000	10000
GFL07	4000	5200	6400	7400	8900	10500	12000	13000	14000	14000
GFL09			7800	9000	10500	14000	15000	15000	15000	15000
GFL11			12500	14500	17000	21500	26000	30000	30000	30000
GFL14			18000	20000	23000	27500	32000	38000	43000	43000
	Max. axial force, Solid shaft with flange									
	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$
	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]
GFL04	1300	1700	2200	2600	3200	4200	4400	4400	4400	4400
GFL05	1800	2400	3100	3900	4800	6400	6600	6600	6600	6600
GFL06	2500	3400	4300	5500	6500	8500	10000	10000	10000	10000
GFL07	3600	4800	6100	6500	7000	9500	11500	11500	11500	11500
GFL09			6100	6500	7000	9500	11500	11500	11500	11500
GFL11			6800	8500	10500	17000	22000	27000	27000	27000
GFL14			6000	8000	10000	13000	19000	26000	35000	35000

- Application of force F_{rad}: centre of shaft journal (x = l/2)
- $F_{ax,max}$ only valid with F_{rad} = 0

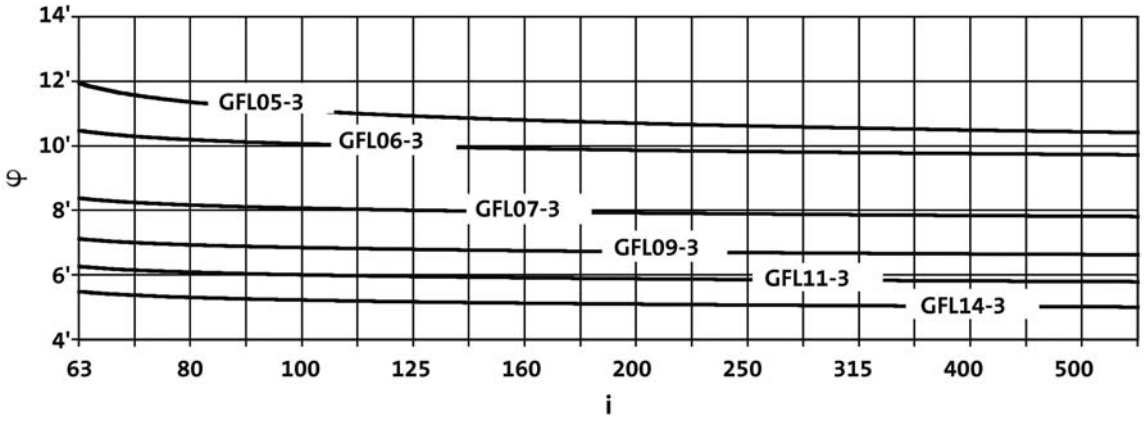
Output backlash in angular minutes

► Backlash φ depending on ratio i

GFL04...14-2



GFL04...14-3



4

GFL□□-2

► Moment of inertia (J) depending on ratio i

Gearbox			GFL04
3.659	J	[kgcm²]	1.510
5.018	J	[kgcm²]	0.858
5.833	J	[kgcm²]	0.925
6.422	J	[kgcm²]	0.555
7.025	J	[kgcm²]	0.473
8.379	J	[kgcm²]	0.666
9.333	J	[kgcm²]	0.613
10.238	J	[kgcm²]	0.366
11.491	J	[kgcm²]	0.410
12.800	J	[kgcm²]	0.382
14.706	J	[kgcm²]	0.282
16.087	J	[kgcm²]	0.245
17.920	J	[kgcm²]	0.230
20.519	J	[kgcm²]	0.171
22.857	J	[kgcm²]	0.163
25.136	J	[kgcm²]	0.129
28.000	J	[kgcm²]	0.123
31.600	J	[kgcm²]	0.086
35.200	J	[kgcm²]	0.082
40.697	J	[kgcm²]	0.058
45.333	J	[kgcm²]	0.056
51.579	J	[kgcm²]	0.038
57.455	J	[kgcm²]	0.037
64.636	J	[kgcm²]	0.026
72.000	J	[kgcm²]	0.025
85.156	J	[kgcm²]	0.016
94.857	J	[kgcm²]	0.015

Gearbox			GFL05
3.333	J	[kgcm²]	1.677
4.571	J	[kgcm²]	2.133
5.133	J	[kgcm²]	2.372
5.667	J	[kgcm²]	2.329
6.400	J	[kgcm²]	0.822
7.040	J	[kgcm²]	1.470
7.771	J	[kgcm²]	1.450
9.010	J	[kgcm²]	0.951
9.946	J	[kgcm²]	0.885
11.360	J	[kgcm²]	1.082
12.800	J	[kgcm²]	1.012
14.538	J	[kgcm²]	0.746
15.904	J	[kgcm²]	0.603
17.920	J	[kgcm²]	0.609
20.286	J	[kgcm²]	0.428
22.857	J	[kgcm²]	0.434
24.850	J	[kgcm²]	0.345
28.000	J	[kgcm²]	0.331
32.344	J	[kgcm²]	0.204
36.444	J	[kgcm²]	0.195
40.233	J	[kgcm²]	0.148
45.333	J	[kgcm²]	0.142
52.067	J	[kgcm²]	0.093
58.667	J	[kgcm²]	0.090
63.190	J	[kgcm²]	0.068
71.200	J	[kgcm²]	0.064
80.763	J	[kgcm²]	0.043
91.000	J	[kgcm²]	0.042

► The moments of inertia relate to the drive shaft of the gearbox.
► The total moment of inertia is calculated by adding the values of gearbox, motor and accessories.

- Moment of inertia (J) depending on ratio i

Gearbox			GFL06
3.675	J	[kgcm²]	7.755
5.211	J	[kgcm²]	6.636
5.750	J	[kgcm²]	6.044
6.450	J	[kgcm²]	3.651
7.147	J	[kgcm²]	4.044
8.400	J	[kgcm²]	4.264
9.463	J	[kgcm²]	3.879
10.092	J	[kgcm²]	2.520
11.520	J	[kgcm²]	1.730
12.978	J	[kgcm²]	2.610
14.743	J	[kgcm²]	1.950
16.128	J	[kgcm²]	1.680
18.169	J	[kgcm²]	1.570
20.571	J	[kgcm²]	1.190
23.175	J	[kgcm²]	1.130
25.200	J	[kgcm²]	0.904
28.389	J	[kgcm²]	0.861
32.800	J	[kgcm²]	0.581
36.951	J	[kgcm²]	0.556
40.800	J	[kgcm²]	0.425
45.963	J	[kgcm²]	0.407
52.800	J	[kgcm²]	0.264
59.481	J	[kgcm²]	0.251
64.080	J	[kgcm²]	0.193
72.189	J	[kgcm²]	0.187
81.000	J	[kgcm²]	0.125
91.250	J	[kgcm²]	0.121

Gearbox			GFL07
3.350	J	[kgcm²]	19.570
4.643	J	[kgcm²]	11.988
5.159	J	[kgcm²]	11.120
5.695	J	[kgcm²]	18.094
6.400	J	[kgcm²]	9.831
7.150	J	[kgcm²]	11.878
8.324	J	[kgcm²]	13.113
9.379	J	[kgcm²]	12.037
9.714	J	[kgcm²]	8.030
11.538	J	[kgcm²]	8.520
13.000	J	[kgcm²]	7.970
14.200	J	[kgcm²]	6.350
15.904	J	[kgcm²]	5.270
17.920	J	[kgcm²]	4.980
20.286	J	[kgcm²]	3.470
22.857	J	[kgcm²]	3.268
24.850	J	[kgcm²]	2.645
28.000	J	[kgcm²]	2.525
32.344	J	[kgcm²]	1.690
36.444	J	[kgcm²]	1.610
39.642	J	[kgcm²]	1.250
44.667	J	[kgcm²]	1.200
52.067	J	[kgcm²]	0.783
58.667	J	[kgcm²]	0.753
63.190	J	[kgcm²]	0.573
71.200	J	[kgcm²]	0.555
79.875	J	[kgcm²]	0.366
90.000	J	[kgcm²]	0.358

- The moments of inertia relate to the drive shaft of the gearbox.
- The total moment of inertia is calculated by adding the values of gearbox, motor and accessories.

- Moment of inertia (J) depending on ratio i

Gearbox			GFL09
6.864	J	[kgcm²]	41.300
7.466	J	[kgcm²]	38.700
9.010	J	[kgcm²]	26.800
9.799	J	[kgcm²]	25.300
11.167	J	[kgcm²]	19.500
12.307	J	[kgcm²]	27.600
14.333	J	[kgcm²]	20.000
16.333	J	[kgcm²]	15.500
18.407	J	[kgcm²]	14.600
19.667	J	[kgcm²]	12.100
22.164	J	[kgcm²]	11.300
24.111	J	[kgcm²]	9.040
27.173	J	[kgcm²]	8.630
32.667	J	[kgcm²]	5.430
36.815	J	[kgcm²]	5.210
39.667	J	[kgcm²]	4.070
44.704	J	[kgcm²]	3.920
51.333	J	[kgcm²]	2.590
57.852	J	[kgcm²]	2.500
62.300	J	[kgcm²]	1.890
70.211	J	[kgcm²]	1.830
78.750	J	[kgcm²]	1.250
88.750	J	[kgcm²]	1.210

- The moments of inertia relate to the drive shaft of the gearbox.
- The total moment of inertia is calculated by adding the values of gearbox, motor and accessories.

GFL□□-3

► Moment of inertia (J) depending on ratio i

Gearbox			GFL05
61.653	J	[kgcm²]	0.202
78.639	J	[kgcm²]	0.145
90.123	J	[kgcm²]	0.197
101.547	J	[kgcm²]	0.196
114.952	J	[kgcm²]	0.142
129.524	J	[kgcm²]	0.141
140.817	J	[kgcm²]	0.109
158.667	J	[kgcm²]	0.109
177.027	J	[kgcm²]	0.073
199.467	J	[kgcm²]	0.073
227.989	J	[kgcm²]	0.051
256.889	J	[kgcm²]	0.050
288.948	J	[kgcm²]	0.033
325.576	J	[kgcm²]	0.033
362.100	J	[kgcm²]	0.023
408.000	J	[kgcm²]	0.023
477.052	J	[kgcm²]	0.014
537.524	J	[kgcm²]	0.014

Gearbox			GFL06
66.213	J	[kgcm²]	0.292
72.000	J	[kgcm²]	0.264
81.111	J	[kgcm²]	0.259
88.200	J	[kgcm²]	0.190
99.361	J	[kgcm²]	0.187
116.571	J	[kgcm²]	0.091
131.323	J	[kgcm²]	0.208
144.320	J	[kgcm²]	0.110
162.583	J	[kgcm²]	0.109
179.520	J	[kgcm²]	0.102
202.237	J	[kgcm²]	0.101
231.200	J	[kgcm²]	0.068
260.457	J	[kgcm²]	0.067
293.018	J	[kgcm²]	0.044
299.200	J	[kgcm²]	0.064
367.200	J	[kgcm²]	0.030
413.667	J	[kgcm²]	0.030
475.200	J	[kgcm²]	0.029
535.333	J	[kgcm²]	0.028
576.720	J	[kgcm²]	0.028
649.700	J	[kgcm²]	0.028
759.806	J	[kgcm²]	0.017
855.954	J	[kgcm²]	0.017

Gearbox			GFL07
65.306	J	[kgcm²]	0.790
72.452	J	[kgcm²]	0.894
81.636	J	[kgcm²]	0.880
92.413	J	[kgcm²]	0.609
104.127	J	[kgcm²]	0.601
113.206	J	[kgcm²]	0.448
127.556	J	[kgcm²]	0.442
147.347	J	[kgcm²]	0.275
166.025	J	[kgcm²]	0.271
183.285	J	[kgcm²]	0.194
206.519	J	[kgcm²]	0.192
224.636	J	[kgcm²]	0.180
253.111	J	[kgcm²]	0.179
290.706	J	[kgcm²]	0.112
327.556	J	[kgcm²]	0.111
352.811	J	[kgcm²]	0.081
397.533	J	[kgcm²]	0.080
430.222	J	[kgcm²]	0.104
522.133	J	[kgcm²]	0.075
562.391	J	[kgcm²]	0.073
633.680	J	[kgcm²]	0.073
718.786	J	[kgcm²]	0.047
809.900	J	[kgcm²]	0.046

Gearbox			GFL09
63.326	J	[kgcm²]	2.344
73.173	J	[kgcm²]	2.472
82.465	J	[kgcm²]	2.428
93.333	J	[kgcm²]	1.679
105.185	J	[kgcm²]	1.651
114.333	J	[kgcm²]	1.230
128.852	J	[kgcm²]	1.212
148.815	J	[kgcm²]	0.773
167.712	J	[kgcm²]	0.762
185.111	J	[kgcm²]	0.548
208.617	J	[kgcm²]	0.541
224.778	J	[kgcm²]	0.505
253.321	J	[kgcm²]	0.500
290.889	J	[kgcm²]	0.313
327.827	J	[kgcm²]	0.310
353.033	J	[kgcm²]	0.226
397.863	J	[kgcm²]	0.224
424.247	J	[kgcm²]	0.286
514.881	J	[kgcm²]	0.208
554.470	J	[kgcm²]	0.201
624.879	J	[kgcm²]	0.200
700.875	J	[kgcm²]	0.130
789.875	J	[kgcm²]	0.129

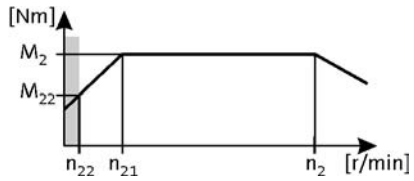
► The moments of inertia relate to the drive shaft of the gearbox.
► The total moment of inertia is calculated by adding the values of gearbox, motor and accessories.

► Moment of inertia (J) depending on ratio i

Gearbox			GFL11
65.306	J	[kgcm²]	6.967
73.335	J	[kgcm²]	7.844
82.631	J	[kgcm²]	7.707
93.540	J	[kgcm²]	5.050
105.397	J	[kgcm²]	4.965
114.586	J	[kgcm²]	3.712
129.111	J	[kgcm²]	3.656
149.144	J	[kgcm²]	2.299
168.049	J	[kgcm²]	2.265
182.792	J	[kgcm²]	1.661
205.963	J	[kgcm²]	1.639
224.636	J	[kgcm²]	1.515
253.111	J	[kgcm²]	1.501
267.259	J	[kgcm²]	1.865
327.556	J	[kgcm²]	1.373
358.077	J	[kgcm²]	0.679
403.467	J	[kgcm²]	0.673
430.222	J	[kgcm²]	0.853
522.133	J	[kgcm²]	0.623
562.391	J	[kgcm²]	0.599
633.680	J	[kgcm²]	0.596
710.888	J	[kgcm²]	0.385
801.000	J	[kgcm²]	0.384

Gearbox			GFL14
64.296	J	[kgcm²]	26.316
68.708	J	[kgcm²]	19.862
77.418	J	[kgcm²]	19.381
85.037	J	[kgcm²]	21.590
104.889	J	[kgcm²]	9.324
114.126	J	[kgcm²]	8.318
128.593	J	[kgcm²]	8.144
136.889	J	[kgcm²]	16.779
156.148	J	[kgcm²]	5.917
170.074	J	[kgcm²]	6.962
202.074	J	[kgcm²]	3.692
224.636	J	[kgcm²]	4.742
253.111	J	[kgcm²]	4.697
273.778	J	[kgcm²]	5.759
332.444	J	[kgcm²]	4.300
352.811	J	[kgcm²]	2.163
397.533	J	[kgcm²]	2.145
430.222	J	[kgcm²]	2.727
522.133	J	[kgcm²]	1.984
562.391	J	[kgcm²]	1.910
633.680	J	[kgcm²]	1.903
710.888	J	[kgcm²]	1.259
801.000	J	[kgcm²]	1.254

► The moments of inertia relate to the drive shaft of the gearbox.
► The total moment of inertia is calculated by adding the values of gearbox, motor and accessories.



50 Hz: P_N = 0.37 kW

n_{22} / n_2 = 1 ... 10.0

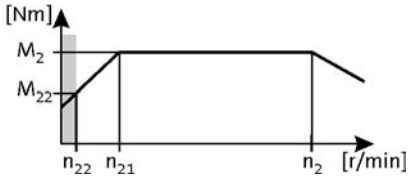
n_1 = 141.0 ... 1410 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
39	164	-	385	6.9	9.0	4.0	3.659	GFL04-2M □□□071C32	E84DVB□3714S□1N2G	302
28	120	-	281	9.4	12	4.0	5.018	GFL04-2M □□□071C32	E84DVB□3714S□1N2G	302
24	103	-	242	11	14	4.0	5.833	GFL04-2M □□□071C32	E84DVB□3714S□1N2G	302
22	94	-	220	12	16	4.0	6.400	GFL05-2M □□□071C32	E84DVB□3714S□1N2G	302
20	85	-	201	13	17	4.5	7.025	GFL04-2M □□□071C32	E84DVB□3714S□1N2G	302
17	72	-	168	16	20	4.0	8.379	GFL04-2M □□□071C32	E84DVB□3714S□1N2G	302
15	64	-	151	18	23	4.0	9.333	GFL04-2M □□□071C32	E84DVB□3714S□1N2G	302
14	59	-	138	19	25	4.5	10.238	GFL04-2M □□□071C32	E84DVB□3714S□1N2G	302
12	52	-	123	22	28	4.0	11.491	GFL04-2M □□□071C32	E84DVB□3714S□1N2G	302
11	47	-	110	24	31	4.0	12.800	GFL04-2M □□□071C32	E84DVB□3714S□1N2G	302
9.6	41	-	96	28	36	4.5	14.706	GFL04-2M □□□071C32	E84DVB□3714S□1N2G	302
8.9	38	-	89	30	39	4.0	15.904	GFL05-2M □□□071C32	E84DVB□3714S□1N2G	302
7.9	34	-	79	34	44	3.8	17.920	GFL04-2M □□□071C32	E84DVB□3714S□1N2G	302
6.9	29	-	69	38	50	3.7	20.519	GFL04-2M □□□071C32	E84DVB□3714S□1N2G	302
6.2	26	-	62	43	56	3.0	22.857	GFL04-2M □□□071C32	E84DVB□3714S□1N2G	302
5.6	24	-	56	47	61	3.0	25.136	GFL04-2M □□□071C32	E84DVB□3714S□1N2G	302
5.0	21	-	50	52	68	2.5	28.000	GFL04-2M □□□071C32	E84DVB□3714S□1N2G	302
4.5	19	-	45	59	77	2.4	31.600	GFL04-2M □□□071C32	E84DVB□3714S□1N2G	302
4.0	17	-	40	66	86	2.0	35.200	GFL04-2M □□□071C32	E84DVB□3714S□1N2G	302
3.5	15	-	35	76	99	1.9	40.697	GFL04-2M □□□071C32	E84DVB□3714S□1N2G	302
3.5	15	-	35	75	98	3.2	40.233	GFL05-2M □□□071C32	E84DVB□3714S□1N2G	302
3.1	13	-	31	85	110	1.6	45.333	GFL04-2M □□□071C32	E84DVB□3714S□1N2G	302
3.1	13	-	31	85	110	2.9	45.333	GFL05-2M □□□071C32	E84DVB□3714S□1N2G	302
2.7	12	-	27	97	125	1.5	51.579	GFL04-2M □□□071C32	E84DVB□3714S□1N2G	302
2.7	12	-	27	98	127	2.4	52.067	GFL05-2M □□□071C32	E84DVB□3714S□1N2G	302
2.7	11	-	27	99	128	3.2	52.800	GFL06-2M □□□071C32	E84DVB□3714S□1N2G	302
2.5	10	-	25	108	140	1.3	57.455	GFL04-2M □□□071C32	E84DVB□3714S□1N2G	302
2.4	10	-	24	110	143	2.3	58.667	GFL05-2M □□□071C32	E84DVB□3714S□1N2G	302
2.4	10	-	24	111	145	3.2	59.481	GFL06-2M □□□071C32	E84DVB□3714S□1N2G	302
2.3	9.7	-	23	114	148	1.4	61.653	GFL05-3M □□□071C32	E84DVB□3714S□1N2G	310
2.2	9.3	-	22	121	157	1.0	64.636	GFL04-2M □□□071C32	E84DVB□3714S□1N2G	302
2.2	9.5	-	22	118	154	1.8	63.190	GFL05-2M □□□071C32	E84DVB□3714S□1N2G	302
2.2	9.4	-	22	120	156	2.8	64.080	GFL06-2M □□□071C32	E84DVB□3714S□1N2G	302
2.1	9.1	-	21	122	159	3.1	66.213	GFL06-3M □□□071C32	E84DVB□3714S□1N2G	310
2.0	8.3	-	20	135	175	1.0	72.000	GFL04-2M □□□071C32	E84DVB□3714S□1N2G	302
2.0	8.4	-	20	133	173	1.8	71.200	GFL05-2M □□□071C32	E84DVB□3714S□1N2G	302
2.0	8.3	-	20	135	176	2.8	72.189	GFL06-2M □□□071C32	E84DVB□3714S□1N2G	302
2.0	8.3	-	20	133	172	2.9	72.000	GFL06-3M □□□071C32	E84DVB□3714S□1N2G	310
1.8	7.6	-	18	145	188	1.2	78.639	GFL05-3M □□□071C32	E84DVB□3714S□1N2G	310
1.7	7.4	-	17	152	197	2.2	81.000	GFL06-2M □□□071C32	E84DVB□3714S□1N2G	302
1.7	7.4	-	17	150	194	2.6	81.111	GFL06-3M □□□071C32	E84DVB□3714S□1N2G	310

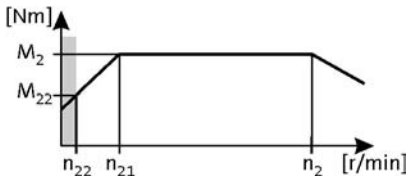
50 Hz: P_N = 0.37 kW

n_{22} / n_2 = 1 ... 10.0

n_1 = 141.0 ... 1410 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
1.6	6.6	-	16	170	221	1.1	91.000	GFL05-2M □□□071C32	E84DVB□3714S□1N2G	302
1.6	6.7	-	16	166	216	1.4	90.123	GFL05-3M □□□071C32	E84DVB□3714S□1N2G	310
1.6	6.6	-	16	171	222	2.2	91.250	GFL06-2M □□□071C32	E84DVB□3714S□1N2G	302
1.6	6.8	-	16	163	211	2.3	88.200	GFL06-3M □□□071C32	E84DVB□3714S□1N2G	310
1.4	5.9	-	14	187	243	1.4	101.547	GFL05-3M □□□071C32	E84DVB□3714S□1N2G	310
1.4	6.0	-	14	183	238	2.3	99.361	GFL06-3M □□□071C32	E84DVB□3714S□1N2G	310
1.2	5.2	-	12	212	275	1.2	114.952	GFL05-3M □□□071C32	E84DVB□3714S□1N2G	310
1.2	5.2	-	12	215	279	1.9	116.571	GFL06-3M □□□071C32	E84DVB□3714S□1N2G	310
1.1	4.6	-	11	239	310	1.1	129.524	GFL05-3M □□□071C32	E84DVB□3714S□1N2G	310
1.1	4.6	-	11	242	315	1.9	131.323	GFL06-3M □□□071C32	E84DVB□3714S□1N2G	310
1.0	4.3	-	10	260	337	1.0	140.817	GFL05-3M □□□071C32	E84DVB□3714S□1N2G	310
1.0	4.2	-	9.8	266	346	1.6	144.320	GFL06-3M □□□071C32	E84DVB□3714S□1N2G	310
1.0	4.1	-	9.6	272	353	3.2	147.347	GFL07-3M □□□071C32	E84DVB□3714S□1N2G	310
0.9	3.8	-	8.9	293	380	0.9	158.667	GFL05-3M □□□071C32	E84DVB□3714S□1N2G	310
0.9	3.7	-	8.7	300	389	1.6	162.583	GFL06-3M □□□071C32	E84DVB□3714S□1N2G	310
0.9	3.6	-	8.5	306	398	3.1	166.025	GFL07-3M □□□071C32	E84DVB□3714S□1N2G	310
0.8	3.4	-	8.0	326	424	0.8	177.027	GFL05-3M □□□071C32	E84DVB□3714S□1N2G	310
0.8	3.3	-	7.9	331	430	1.4	179.520	GFL06-3M □□□071C32	E84DVB□3714S□1N2G	310
0.8	3.3	-	7.7	338	439	2.8	183.285	GFL07-3M □□□071C32	E84DVB□3714S□1N2G	310
0.7	3.0	-	7.0	373	484	1.3	202.237	GFL06-3M □□□071C32	E84DVB□3714S□1N2G	310
0.7	2.9	-	6.8	381	495	2.5	206.519	GFL07-3M □□□071C32	E84DVB□3714S□1N2G	310
0.6	2.7	-	6.3	414	538	2.5	224.636	GFL07-3M □□□071C32	E84DVB□3714S□1N2G	310
0.6	2.6	-	6.1	426	554	1.2	231.200	GFL06-3M □□□071C32	E84DVB□3714S□1N2G	310
0.6	2.4	-	5.6	467	606	2.1	253.111	GFL07-3M □□□071C32	E84DVB□3714S□1N2G	310
0.5	2.3	-	5.4	480	624	1.0	260.457	GFL06-3M □□□071C32	E84DVB□3714S□1N2G	310
0.5	2.1	-	4.9	536	696	2.0	290.706	GFL07-3M □□□071C32	E84DVB□3714S□1N2G	310
0.5	2.1	-	4.9	536	697	3.2	290.889	GFL09-3M □□□071C32	E84DVB□3714S□1N2G	310
0.5	2.1	-	4.8	540	702	0.9	293.018	GFL06-3M □□□071C32	E84DVB□3714S□1N2G	310
0.5	2.0	-	4.7	552	717	0.9	299.200	GFL06-3M □□□071C32	E84DVB□3714S□1N2G	310
0.4	1.8	-	4.3	604	784	1.6	327.556	GFL07-3M □□□071C32	E84DVB□3714S□1N2G	310
0.4	1.8	-	4.3	605	785	3.2	327.827	GFL09-3M □□□071C32	E84DVB□3714S□1N2G	310
0.4	1.7	-	4.0	651	845	1.6	352.811	GFL07-3M □□□071C32	E84DVB□3714S□1N2G	310
0.4	1.7	-	4.0	651	845	2.8	353.033	GFL09-3M □□□071C32	E84DVB□3714S□1N2G	310
0.4	1.5	-	3.6	733	952	1.3	397.533	GFL07-3M □□□071C32	E84DVB□3714S□1N2G	310
0.4	1.5	-	3.5	734	953	2.8	397.863	GFL09-3M □□□071C32	E84DVB□3714S□1N2G	310
0.3	1.4	-	3.3	793	1030	1.2	430.222	GFL07-3M □□□071C32	E84DVB□3714S□1N2G	310
0.3	1.4	-	3.3	782	1016	2.7	424.247	GFL09-3M □□□071C32	E84DVB□3714S□1N2G	310
0.3	1.2	-	2.7	963	1250	1.0	522.133	GFL07-3M □□□071C32	E84DVB□3714S□1N2G	310
0.3	1.2	-	2.7	949	1233	2.2	514.881	GFL09-3M □□□071C32	E84DVB□3714S□1N2G	310
0.3	1.1	-	2.5	1037	1347	0.8	562.391	GFL07-3M □□□071C32	E84DVB□3714S□1N2G	310
0.3	1.1	-	2.5	1022	1328	1.6	554.470	GFL09-3M □□□071C32	E84DVB□3714S□1N2G	310



50 Hz: P_N = 0.37 kW

n_{22} / n_2 = 1 ... 10.0

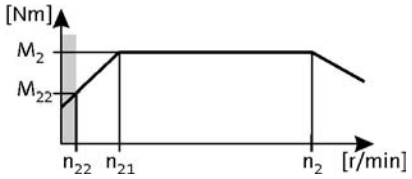
n_1 = 141.0 ... 1410 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
0.2	1.0	-	2.3	1152	1496	1.5	624.879	GFL09-3M □□□071C32	E84DVB□3714S□1N2G	310
0.2	1.0	-	2.2	1169	1518	0.8	633.680	GFL07-3M □□□071C32	E84DVB□3714S□1N2G	310
0.2	0.9	-	2.0	1292	1678	1.3	700.875	GFL09-3M □□□071C32	E84DVB□3714S□1N2G	310
0.2	0.8	-	1.8	1457	1892	1.2	789.875	GFL09-3M □□□071C32	E84DVB□3714S□1N2G	310

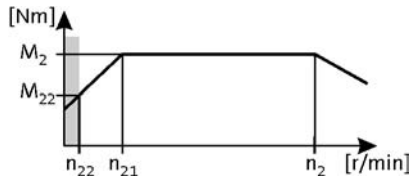
50 Hz: P_N = 0.55 kW

n_{22} / n_2 = 1 ... 10.0

n_1 = 140.5 ... 1405 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
38	164	-	384	10	13	4.5	3.659	GFL04-2M □□□071C42	E84DVB□5514S□1N2G	302
28	120	-	280	14	18	4.5	5.018	GFL04-2M □□□071C42	E84DVB□5514S□1N2G	302
24	103	-	241	16	21	4.5	5.833	GFL04-2M □□□071C42	E84DVB□5514S□1N2G	302
22	93	-	219	18	23	4.2	6.422	GFL04-2M □□□071C42	E84DVB□5514S□1N2G	302
20	85	-	200	20	26	4.2	7.025	GFL04-2M □□□071C42	E84DVB□5514S□1N2G	302
17	72	-	168	23	30	4.5	8.379	GFL04-2M □□□071C42	E84DVB□5514S□1N2G	302
16	67	-	156	25	33	4.5	9.010	GFL05-2M □□□071C42	E84DVB□5514S□1N2G	302
14	59	-	137	29	37	4.2	10.238	GFL04-2M □□□071C42	E84DVB□5514S□1N2G	302
12	52	-	122	32	42	4.3	11.491	GFL04-2M □□□071C42	E84DVB□5514S□1N2G	302
11	47	-	110	36	46	3.6	12.800	GFL04-2M □□□071C42	E84DVB□5514S□1N2G	302
9.6	41	-	96	41	53	3.4	14.706	GFL04-2M □□□071C42	E84DVB□5514S□1N2G	302
8.7	37	-	87	45	58	3.1	16.087	GFL04-2M □□□071C42	E84DVB□5514S□1N2G	302
7.8	34	-	78	50	65	2.6	17.920	GFL04-2M □□□071C42	E84DVB□5514S□1N2G	302
6.9	29	-	69	57	74	2.5	20.519	GFL04-2M □□□071C42	E84DVB□5514S□1N2G	302
6.2	26	-	62	64	83	2.0	22.857	GFL04-2M □□□071C42	E84DVB□5514S□1N2G	302
5.6	24	-	56	70	91	2.0	25.136	GFL04-2M □□□071C42	E84DVB□5514S□1N2G	302
5.0	21	-	50	78	102	1.7	28.000	GFL04-2M □□□071C42	E84DVB□5514S□1N2G	302
5.0	21	-	50	78	102	3.1	28.000	GFL05-2M □□□071C42	E84DVB□5514S□1N2G	302
4.5	19	-	45	88	115	1.6	31.600	GFL04-2M □□□071C42	E84DVB□5514S□1N2G	302
4.3	19	-	43	90	117	2.9	32.344	GFL05-2M □□□071C42	E84DVB□5514S□1N2G	302
4.0	17	-	40	98	128	1.3	35.200	GFL04-2M □□□071C42	E84DVB□5514S□1N2G	302
3.9	17	-	39	102	132	2.4	36.444	GFL05-2M □□□071C42	E84DVB□5514S□1N2G	302
3.5	15	-	35	114	148	1.3	40.697	GFL04-2M □□□071C42	E84DVB□5514S□1N2G	302
3.5	15	-	35	112	146	2.4	40.233	GFL05-2M □□□071C42	E84DVB□5514S□1N2G	302
3.4	15	-	34	114	148	3.2	40.800	GFL06-2M □□□071C42	E84DVB□5514S□1N2G	302
3.1	13	-	31	127	164	1.1	45.333	GFL04-2M □□□071C42	E84DVB□5514S□1N2G	302
3.1	13	-	31	127	164	1.9	45.333	GFL05-2M □□□071C42	E84DVB□5514S□1N2G	302
3.1	13	-	31	128	167	3.2	45.963	GFL06-2M □□□071C42	E84DVB□5514S□1N2G	302
2.7	12	-	27	145	189	1.6	52.067	GFL05-2M □□□071C42	E84DVB□5514S□1N2G	302
2.7	11	-	27	148	192	2.9	52.800	GFL06-2M □□□071C42	E84DVB□5514S□1N2G	302
2.4	10	-	24	164	213	1.5	58.667	GFL05-2M □□□071C42	E84DVB□5514S□1N2G	302
2.4	10	-	24	166	216	2.9	59.481	GFL06-2M □□□071C42	E84DVB□5514S□1N2G	302
2.3	9.7	-	23	170	220	0.9	61.653	GFL05-3M □□□071C42	E84DVB□5514S□1N2G	310
2.2	9.5	-	22	177	229	1.2	63.190	GFL05-2M □□□071C42	E84DVB□5514S□1N2G	302
2.2	9.4	-	22	179	232	2.4	64.080	GFL06-2M □□□071C42	E84DVB□5514S□1N2G	302
2.1	9.1	-	21	182	237	2.1	66.213	GFL06-3M □□□071C42	E84DVB□5514S□1N2G	310
2.0	8.4	-	20	199	258	1.2	71.200	GFL05-2M □□□071C42	E84DVB□5514S□1N2G	302
2.0	8.3	-	20	198	257	1.9	72.000	GFL06-3M □□□071C42	E84DVB□5514S□1N2G	310
2.0	8.3	-	20	202	262	2.4	72.189	GFL06-2M □□□071C42	E84DVB□5514S□1N2G	302
1.8	7.6	-	18	216	281	0.8	78.639	GFL05-3M □□□071C42	E84DVB□5514S□1N2G	310
1.7	7.4	-	17	226	294	1.4	81.000	GFL06-2M □□□071C42	E84DVB□5514S□1N2G	302



50 Hz: P_N = 0.55 kW

n_{22} / n_2 = 1 ... 10.0

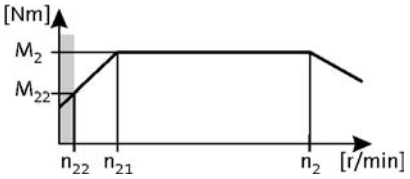
n_1 = 140.5 ... 1405 r/min

n_{22}	n_{21}		n_2	M_{22}	M_2	c	i			
[r/min]	[r/min]		[r/min]	[Nm]	[Nm]					
1.7	7.4	-	17	223	290	1.7	81.111	GFL06-3M □□□071C42	E84DVB□5514S□1N2G	310
1.6	6.7	-	16	248	322	0.9	90.123	GFL05-3M □□□071C42	E84DVB□5514S□1N2G	310
1.6	6.8	-	16	243	315	1.6	88.200	GFL06-3M □□□071C42	E84DVB□5514S□1N2G	310
1.5	6.6	-	15	255	331	1.4	91.250	GFL06-2M □□□071C42	E84DVB□5514S□1N2G	302
1.5	6.5	-	15	254	330	2.9	92.413	GFL07-3M □□□071C42	E84DVB□5514S□1N2G	310
1.4	5.9	-	14	279	363	0.9	101.547	GFL05-3M □□□071C42	E84DVB□5514S□1N2G	310
1.4	6.0	-	14	273	355	1.6	99.361	GFL06-3M □□□071C42	E84DVB□5514S□1N2G	310
1.4	5.8	-	14	286	372	2.9	104.127	GFL07-3M □□□071C42	E84DVB□5514S□1N2G	310
1.2	5.2	-	12	316	411	0.8	114.952	GFL05-3M □□□071C42	E84DVB□5514S□1N2G	310
1.2	5.2	-	12	321	416	1.3	116.571	GFL06-3M □□□071C42	E84DVB□5514S□1N2G	310
1.2	5.3	-	12	311	404	2.6	113.206	GFL07-3M □□□071C42	E84DVB□5514S□1N2G	310
1.1	4.6	-	11	361	469	1.3	131.323	GFL06-3M □□□071C42	E84DVB□5514S□1N2G	310
1.1	4.7	-	11	351	456	2.6	127.556	GFL07-3M □□□071C42	E84DVB□5514S□1N2G	310
1.0	4.2	-	9.7	397	516	1.1	144.320	GFL06-3M □□□071C42	E84DVB□5514S□1N2G	310
1.0	4.1	-	9.5	405	526	2.2	147.347	GFL07-3M □□□071C42	E84DVB□5514S□1N2G	310
0.9	3.7	-	8.6	447	581	1.1	162.583	GFL06-3M □□□071C42	E84DVB□5514S□1N2G	310
0.9	3.6	-	8.5	457	593	2.1	166.025	GFL07-3M □□□071C42	E84DVB□5514S□1N2G	310
0.8	3.3	-	7.8	494	641	0.9	179.520	GFL06-3M □□□071C42	E84DVB□5514S□1N2G	310
0.8	3.3	-	7.7	504	655	1.9	183.285	GFL07-3M □□□071C42	E84DVB□5514S□1N2G	310
0.8	3.2	-	7.6	509	661	3.2	185.111	GFL09-3M □□□071C42	E84DVB□5514S□1N2G	310
0.7	3.0	-	7.0	556	723	0.9	202.237	GFL06-3M □□□071C42	E84DVB□5514S□1N2G	310
0.7	2.9	-	6.8	568	738	1.7	206.519	GFL07-3M □□□071C42	E84DVB□5514S□1N2G	310
0.7	2.9	-	6.7	574	745	3.2	208.617	GFL09-3M □□□071C42	E84DVB□5514S□1N2G	310
0.6	2.7	-	6.3	618	803	1.7	224.636	GFL07-3M □□□071C42	E84DVB□5514S□1N2G	310
0.6	2.7	-	6.3	618	803	3.0	224.778	GFL09-3M □□□071C42	E84DVB□5514S□1N2G	310
0.6	2.4	-	5.6	696	904	1.4	253.111	GFL07-3M □□□071C42	E84DVB□5514S□1N2G	310
0.6	2.4	-	5.6	697	905	3.0	253.321	GFL09-3M □□□071C42	E84DVB□5514S□1N2G	310
0.5	2.1	-	4.8	800	1039	1.3	290.706	GFL07-3M □□□071C42	E84DVB□5514S□1N2G	310
0.5	2.1	-	4.8	800	1039	2.5	290.889	GFL09-3M □□□071C42	E84DVB□5514S□1N2G	310
0.4	1.8	-	4.3	901	1170	1.1	327.556	GFL07-3M □□□071C42	E84DVB□5514S□1N2G	310
0.4	1.8	-	4.3	902	1171	2.5	327.827	GFL09-3M □□□071C42	E84DVB□5514S□1N2G	310
0.4	1.7	-	4.0	971	1260	1.1	352.811	GFL07-3M □□□071C42	E84DVB□5514S□1N2G	310
0.4	1.7	-	4.0	971	1261	2.2	353.033	GFL09-3M □□□071C42	E84DVB□5514S□1N2G	310
0.4	1.5	-	3.5	1094	1420	0.9	397.533	GFL07-3M □□□071C42	E84DVB□5514S□1N2G	310
0.4	1.5	-	3.5	1094	1421	2.2	397.863	GFL09-3M □□□071C42	E84DVB□5514S□1N2G	310
0.3	1.4	-	3.3	1184	1537	0.8	430.222	GFL07-3M □□□071C42	E84DVB□5514S□1N2G	310
0.3	1.4	-	3.3	1167	1516	1.8	424.247	GFL09-3M □□□071C42	E84DVB□5514S□1N2G	310
0.3	1.2	-	2.7	1416	1839	1.5	514.881	GFL09-3M □□□071C42	E84DVB□5514S□1N2G	310
0.3	1.1	-	2.5	1525	1981	1.1	554.470	GFL09-3M □□□071C42	E84DVB□5514S□1N2G	310
0.2	1.0	-	2.3	1719	2232	1.0	624.879	GFL09-3M □□□071C42	E84DVB□5514S□1N2G	310
0.2	0.9	-	2.0	1928	2504	0.8	700.875	GFL09-3M □□□071C42	E84DVB□5514S□1N2G	310

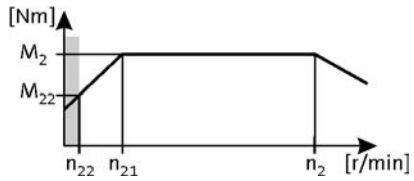
50 Hz: P_N = 0.55 kW

n_{22} / n_2 = 1 ... 10.0

n_1 = 140.5 ... 1405 r/min



n_{22}	n_{21}		n_2	M_{22}	M_2	c	i			
[r/min]	[r/min]		[r/min]	[Nm]	[Nm]					
0.2	0.8	-	1.8	2173	2822	0.8	789.875	GFL09-3M □□□071C42	E84DVB□5514S□1N2G	310



50 Hz: P_N = 0.75 kW

n_{22} / n_2 = 1 ... 10.0

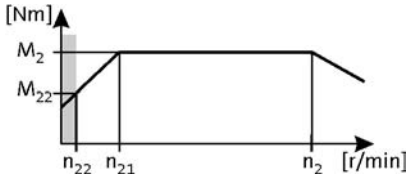
n_1 = 141.0 ... 1410 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
39	164	-	385	14	18	4.2	3.659	GFL04-2M □□□080C32	E84DVB□7514S□1N2G	302
28	120	-	281	19	25	4.2	5.018	GFL04-2M □□□080C32	E84DVB□7514S□1N2G	302
24	103	-	242	22	29	4.2	5.833	GFL04-2M □□□080C32	E84DVB□7514S□1N2G	302
22	93	-	220	25	32	3.6	6.422	GFL04-2M □□□080C32	E84DVB□7514S□1N2G	302
20	85	-	201	27	35	3.3	7.025	GFL04-2M □□□080C32	E84DVB□7514S□1N2G	302
17	72	-	168	32	41	4.2	8.379	GFL04-2M □□□080C32	E84DVB□7514S□1N2G	302
15	64	-	151	36	46	3.6	9.333	GFL04-2M □□□080C32	E84DVB□7514S□1N2G	302
14	59	-	138	39	51	3.2	10.238	GFL04-2M □□□080C32	E84DVB□7514S□1N2G	302
12	52	-	123	44	57	3.2	11.491	GFL04-2M □□□080C32	E84DVB□7514S□1N2G	302
11	47	-	110	49	63	2.6	12.800	GFL04-2M □□□080C32	E84DVB□7514S□1N2G	302
9.6	41	-	96	56	73	2.5	14.706	GFL04-2M □□□080C32	E84DVB□7514S□1N2G	302
8.8	37	-	88	61	79	2.3	16.087	GFL04-2M □□□080C32	E84DVB□7514S□1N2G	302
7.9	34	-	79	68	88	1.9	17.920	GFL04-2M □□□080C32	E84DVB□7514S□1N2G	302
6.9	29	-	69	78	101	1.8	20.519	GFL04-2M □□□080C32	E84DVB□7514S□1N2G	302
6.2	26	-	62	87	113	1.5	22.857	GFL04-2M □□□080C32	E84DVB□7514S□1N2G	302
6.2	26	-	62	87	113	2.8	22.857	GFL05-2M □□□080C32	E84DVB□7514S□1N2G	302
5.7	24	-	57	95	123	2.8	24.850	GFL05-2M □□□080C32	E84DVB□7514S□1N2G	302
5.6	24	-	56	96	124	1.5	25.136	GFL04-2M □□□080C32	E84DVB□7514S□1N2G	302
5.0	21	-	50	107	138	1.2	28.000	GFL04-2M □□□080C32	E84DVB□7514S□1N2G	302
5.0	21	-	50	107	138	2.3	28.000	GFL05-2M □□□080C32	E84DVB□7514S□1N2G	302
4.5	19	-	45	120	156	1.2	31.600	GFL04-2M □□□080C32	E84DVB□7514S□1N2G	302
4.4	19	-	44	123	159	2.2	32.344	GFL05-2M □□□080C32	E84DVB□7514S□1N2G	302
4.0	17	-	40	134	174	1.0	35.200	GFL04-2M □□□080C32	E84DVB□7514S□1N2G	302
3.9	17	-	39	139	180	1.8	36.444	GFL05-2M □□□080C32	E84DVB□7514S□1N2G	302
3.5	15	-	35	155	201	0.9	40.697	GFL04-2M □□□080C32	E84DVB□7514S□1N2G	302
3.5	15	-	35	153	198	1.7	40.233	GFL05-2M □□□080C32	E84DVB□7514S□1N2G	302
3.5	15	-	35	156	201	2.9	40.800	GFL06-2M □□□080C32	E84DVB□7514S□1N2G	302
3.1	13	-	31	173	223	1.4	45.333	GFL05-2M □□□080C32	E84DVB□7514S□1N2G	302
3.1	13	-	31	175	227	2.7	45.963	GFL06-2M □□□080C32	E84DVB□7514S□1N2G	302
2.7	12	-	27	198	257	1.2	52.067	GFL05-2M □□□080C32	E84DVB□7514S□1N2G	302
2.7	11	-	27	201	260	2.5	52.800	GFL06-2M □□□080C32	E84DVB□7514S□1N2G	302
2.7	12	-	27	198	257	2.9	52.067	GFL07-2M □□□080C32	E84DVB□7514S□1N2G	302
2.4	10	-	24	224	289	1.1	58.667	GFL05-2M □□□080C32	E84DVB□7514S□1N2G	302
2.4	10	-	24	227	293	2.1	59.481	GFL06-2M □□□080C32	E84DVB□7514S□1N2G	302
2.4	10	-	24	224	289	2.9	58.667	GFL07-2M □□□080C32	E84DVB□7514S□1N2G	302
2.2	9.5	-	22	241	311	0.9	63.190	GFL05-2M □□□080C32	E84DVB□7514S□1N2G	302
2.2	9.4	-	22	244	316	1.8	64.080	GFL06-2M □□□080C32	E84DVB□7514S□1N2G	302
2.2	9.5	-	22	241	311	2.5	63.190	GFL07-2M □□□080C32	E84DVB□7514S□1N2G	302
2.2	9.2	-	22	245	317	2.8	65.306	GFL07-3M □□□080C32	E84DVB□7514S□1N2G	310
2.1	9.1	-	21	249	321	1.5	66.213	GFL06-3M □□□080C32	E84DVB□7514S□1N2G	310
2.0	8.4	-	20	271	351	0.9	71.200	GFL05-2M □□□080C32	E84DVB□7514S□1N2G	302

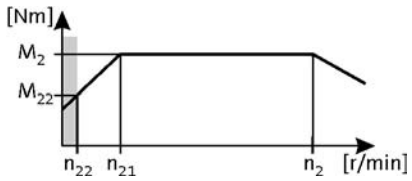
50 Hz: P_N = 0.75 kW

n_{22} / n_2 = 1 ... 10.0

n_1 = 141.0 ... 1410 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
2.0	8.3	-	20	270	350	1.4	72.000	GFL06-3M □□□080C32	E84DVB□7514S□1N2G	310
2.0	8.3	-	20	275	356	1.7	72.189	GFL06-2M □□□080C32	E84DVB□7514S□1N2G	302
2.0	8.4	-	20	271	351	2.5	71.200	GFL07-2M □□□080C32	E84DVB□7514S□1N2G	302
2.0	8.3	-	20	272	352	2.5	72.452	GFL07-3M □□□080C32	E84DVB□7514S□1N2G	310
1.8	7.5	-	18	304	394	2.0	79.875	GFL07-2M □□□080C32	E84DVB□7514S□1N2G	302
1.7	7.4	-	17	309	399	1.1	81.000	GFL06-2M □□□080C32	E84DVB□7514S□1N2G	302
1.7	7.4	-	17	304	394	1.3	81.111	GFL06-3M □□□080C32	E84DVB□7514S□1N2G	310
1.7	7.4	-	17	306	396	2.5	81.636	GFL07-3M □□□080C32	E84DVB□7514S□1N2G	310
1.6	6.6	-	16	348	450	1.1	91.250	GFL06-2M □□□080C32	E84DVB□7514S□1N2G	302
1.6	6.8	-	16	331	428	1.1	88.200	GFL06-3M □□□080C32	E84DVB□7514S□1N2G	310
1.6	6.7	-	16	343	444	2.0	90.000	GFL07-2M □□□080C32	E84DVB□7514S□1N2G	302
1.5	6.5	-	15	347	449	2.1	92.413	GFL07-3M □□□080C32	E84DVB□7514S□1N2G	310
1.4	6.0	-	14	373	482	1.1	99.361	GFL06-3M □□□080C32	E84DVB□7514S□1N2G	310
1.4	5.8	-	14	391	506	2.1	104.127	GFL07-3M □□□080C32	E84DVB□7514S□1N2G	310
1.3	5.3	-	13	425	550	1.9	113.206	GFL07-3M □□□080C32	E84DVB□7514S□1N2G	310
1.2	5.2	-	12	438	566	0.9	116.571	GFL06-3M □□□080C32	E84DVB□7514S□1N2G	310
1.1	4.6	-	11	493	638	0.9	131.323	GFL06-3M □□□080C32	E84DVB□7514S□1N2G	310
1.1	4.7	-	11	479	619	1.9	127.556	GFL07-3M □□□080C32	E84DVB□7514S□1N2G	310
1.0	4.1	-	9.6	553	715	1.6	147.347	GFL07-3M □□□080C32	E84DVB□7514S□1N2G	310
1.0	4.0	-	9.5	559	722	2.8	148.815	GFL09-3M □□□080C32	E84DVB□7514S□1N2G	310
0.9	3.6	-	8.5	623	806	1.6	166.025	GFL07-3M □□□080C32	E84DVB□7514S□1N2G	310
0.8	3.6	-	8.4	629	814	2.8	167.712	GFL09-3M □□□080C32	E84DVB□7514S□1N2G	310
0.8	3.3	-	7.7	688	890	1.4	183.285	GFL07-3M □□□080C32	E84DVB□7514S□1N2G	310
0.8	3.2	-	7.6	695	899	2.5	185.111	GFL09-3M □□□080C32	E84DVB□7514S□1N2G	310
0.7	2.9	-	6.8	775	1003	1.2	206.519	GFL07-3M □□□080C32	E84DVB□7514S□1N2G	310
0.7	2.9	-	6.8	783	1013	2.5	208.617	GFL09-3M □□□080C32	E84DVB□7514S□1N2G	310
0.6	2.7	-	6.3	843	1090	1.2	224.636	GFL07-3M □□□080C32	E84DVB□7514S□1N2G	310
0.6	2.7	-	6.3	844	1091	2.2	224.778	GFL09-3M □□□080C32	E84DVB□7514S□1N2G	310
0.6	2.4	-	5.6	950	1229	1.0	253.111	GFL07-3M □□□080C32	E84DVB□7514S□1N2G	310
0.6	2.4	-	5.6	951	1230	2.2	253.321	GFL09-3M □□□080C32	E84DVB□7514S□1N2G	310
0.5	2.1	-	4.9	1091	1411	1.0	290.706	GFL07-3M □□□080C32	E84DVB□7514S□1N2G	310
0.5	2.1	-	4.9	1092	1412	1.9	290.889	GFL09-3M □□□080C32	E84DVB□7514S□1N2G	310
0.4	1.8	-	4.3	1230	1591	1.9	327.827	GFL09-3M □□□080C32	E84DVB□7514S□1N2G	310
0.4	1.7	-	4.0	1324	1713	0.8	352.811	GFL07-3M □□□080C32	E84DVB□7514S□1N2G	310
0.4	1.7	-	4.0	1325	1714	1.6	353.033	GFL09-3M □□□080C32	E84DVB□7514S□1N2G	310
0.4	1.7	-	3.9	1344	1738	2.5	358.077	GFL11-3M □□□080C32	E84DVB□7514S□1N2G	310
0.4	1.5	-	3.5	1493	1931	1.6	397.863	GFL09-3M □□□080C32	E84DVB□7514S□1N2G	310
0.4	1.5	-	3.5	1514	1959	2.5	403.467	GFL11-3M □□□080C32	E84DVB□7514S□1N2G	310
0.3	1.4	-	3.3	1592	2059	1.3	424.247	GFL09-3M □□□080C32	E84DVB□7514S□1N2G	310
0.3	1.4	-	3.3	1615	2088	2.9	430.222	GFL11-3M □□□080C32	E84DVB□7514S□1N2G	310
0.3	1.2	-	2.7	1932	2499	1.1	514.881	GFL09-3M □□□080C32	E84DVB□7514S□1N2G	310



50 Hz: P_N = 0.75 kW

n_{22} / n_2 = 1 ... 10.0

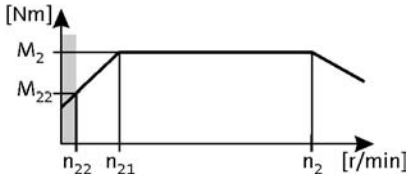
n_1 = 141.0 ... 1410 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
0.3	1.2	-	2.7	1960	2535	2.3	522.133	GFL11-3M □□□080C32	E84DVB□7514S□1N2G	310
0.3	1.1	-	2.5	2111	2730	2.0	562.391	GFL11-3M □□□080C32	E84DVB□7514S□1N2G	310
0.2	1.0	-	2.2	2378	3076	1.9	633.680	GFL11-3M □□□080C32	E84DVB□7514S□1N2G	310
0.2	0.8	-	1.8	3006	3888	1.5	801.000	GFL11-3M □□□080C32	E84DVB□7514S□1N2G	310

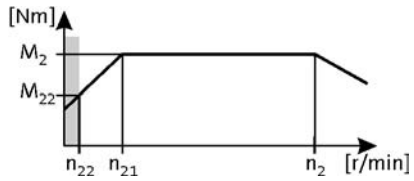
50 Hz: P_N = 1.10 kW

n_{22} / n_2 = 1 ... 10.0

n_1 = 139.0 ... 1390 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
38	246	-	380	16	27	4.1	3.659	GFL04-2M □□□080C42	E84DVB□1124S□1N2G	302
30	197	-	304	19	34	4.5	4.571	GFL05-2M □□□080C42	E84DVB□1124S□1N2G	302
28	179	-	277	21	37	3.0	5.018	GFL04-2M □□□080C42	E84DVB□1124S□1N2G	302
24	154	-	238	25	43	3.6	5.833	GFL04-2M □□□080C42	E84DVB□1124S□1N2G	302
22	140	-	216	27	47	2.4	6.422	GFL04-2M □□□080C42	E84DVB□1124S□1N2G	302
20	128	-	198	30	52	2.2	7.025	GFL04-2M □□□080C42	E84DVB□1124S□1N2G	302
17	107	-	166	36	61	2.9	8.379	GFL04-2M □□□080C42	E84DVB□1124S□1N2G	302
15	96	-	149	40	68	2.4	9.333	GFL04-2M □□□080C42	E84DVB□1124S□1N2G	302
14	88	-	136	43	75	2.1	10.238	GFL04-2M □□□080C42	E84DVB□1124S□1N2G	302
12	78	-	121	49	84	2.2	11.491	GFL04-2M □□□080C42	E84DVB□1124S□1N2G	302
11	70	-	109	54	94	1.8	12.800	GFL04-2M □□□080C42	E84DVB□1124S□1N2G	302
11	70	-	109	54	94	3.0	12.800	GFL05-2M □□□080C42	E84DVB□1124S□1N2G	302
9.6	62	-	96	62	107	2.8	14.538	GFL05-2M □□□080C42	E84DVB□1124S□1N2G	302
9.5	61	-	95	62	108	1.7	14.706	GFL04-2M □□□080C42	E84DVB□1124S□1N2G	302
8.7	57	-	87	68	117	2.7	15.904	GFL05-2M □□□080C42	E84DVB□1124S□1N2G	302
8.6	56	-	86	68	118	1.5	16.087	GFL04-2M □□□080C42	E84DVB□1124S□1N2G	302
7.8	50	-	78	76	131	1.3	17.920	GFL04-2M □□□080C42	E84DVB□1124S□1N2G	302
7.8	50	-	78	76	131	2.4	17.920	GFL05-2M □□□080C42	E84DVB□1124S□1N2G	302
6.9	44	-	69	86	149	2.2	20.286	GFL05-2M □□□080C42	E84DVB□1124S□1N2G	302
6.8	44	-	68	87	150	1.2	20.519	GFL04-2M □□□080C42	E84DVB□1124S□1N2G	302
6.1	39	-	61	97	168	1.0	22.857	GFL04-2M □□□080C42	E84DVB□1124S□1N2G	302
6.1	39	-	61	97	168	1.9	22.857	GFL05-2M □□□080C42	E84DVB□1124S□1N2G	302
5.6	36	-	56	105	182	1.9	24.850	GFL05-2M □□□080C42	E84DVB□1124S□1N2G	302
5.5	36	-	55	107	184	1.0	25.136	GFL04-2M □□□080C42	E84DVB□1124S□1N2G	302
5.0	32	-	50	119	205	0.8	28.000	GFL04-2M □□□080C42	E84DVB□1124S□1N2G	302
5.0	32	-	50	119	205	1.5	28.000	GFL05-2M □□□080C42	E84DVB□1124S□1N2G	302
4.9	32	-	49	120	208	2.9	28.389	GFL06-2M □□□080C42	E84DVB□1124S□1N2G	302
4.3	28	-	43	137	237	1.5	32.344	GFL05-2M □□□080C42	E84DVB□1124S□1N2G	302
4.2	27	-	42	139	241	2.7	32.800	GFL06-2M □□□080C42	E84DVB□1124S□1N2G	302
3.8	25	-	38	155	267	1.2	36.444	GFL05-2M □□□080C42	E84DVB□1124S□1N2G	302
3.8	24	-	38	157	271	2.3	36.951	GFL06-2M □□□080C42	E84DVB□1124S□1N2G	302
3.5	22	-	35	171	295	1.2	40.233	GFL05-2M □□□080C42	E84DVB□1124S□1N2G	302
3.5	23	-	35	168	291	3.1	39.642	GFL07-2M □□□080C42	E84DVB□1124S□1N2G	302
3.4	22	-	34	173	299	2.2	40.800	GFL06-2M □□□080C42	E84DVB□1124S□1N2G	302
3.1	20	-	31	192	332	1.0	45.333	GFL05-2M □□□080C42	E84DVB□1124S□1N2G	302
3.1	20	-	31	190	328	3.1	44.667	GFL07-2M □□□080C42	E84DVB□1124S□1N2G	302
3.0	20	-	30	195	337	1.8	45.963	GFL06-2M □□□080C42	E84DVB□1124S□1N2G	302
2.7	17	-	27	221	382	2.9	52.067	GFL07-2M □□□080C42	E84DVB□1124S□1N2G	302
2.6	17	-	26	224	387	1.7	52.800	GFL06-2M □□□080C42	E84DVB□1124S□1N2G	302
2.4	15	-	24	249	430	2.9	58.667	GFL07-2M □□□080C42	E84DVB□1124S□1N2G	302
2.3	15	-	23	252	436	1.4	59.481	GFL06-2M □□□080C42	E84DVB□1124S□1N2G	302



50 Hz: P_N = 1.10 kW

n_{22} / n_2 = 1 ... 10.0

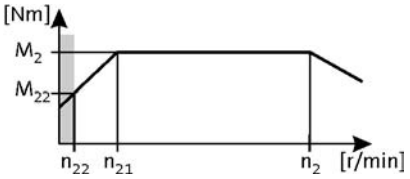
n_1 = 139.0 ... 1390 r/min

n_{22}	n_{21}		n_2	M_{22}	M_2	c	i			
[r/min]	[r/min]		[r/min]	[Nm]	[Nm]					
2.2	14	-	22	272	470	1.2	64.080	GFL06-2M □□□080C42	E84DVB□1124S□1N2G	302
2.2	14	-	22	268	463	2.3	63.190	GFL07-2M □□□080C42	E84DVB□1124S□1N2G	302
2.1	14	-	21	277	478	1.0	66.213	GFL06-3M □□□080C42	E84DVB□1124S□1N2G	310
2.1	14	-	21	273	472	1.9	65.306	GFL07-3M □□□080C42	E84DVB□1124S□1N2G	310
2.0	13	-	20	302	522	2.3	71.200	GFL07-2M □□□080C42	E84DVB□1124S□1N2G	302
1.9	13	-	19	301	520	1.0	72.000	GFL06-3M □□□080C42	E84DVB□1124S□1N2G	310
1.9	13	-	19	306	529	1.2	72.189	GFL06-2M □□□080C42	E84DVB□1124S□1N2G	302
1.9	12	-	19	303	523	1.7	72.452	GFL07-3M □□□080C42	E84DVB□1124S□1N2G	310
1.9	12	-	19	306	529	2.9	73.173	GFL09-3M □□□080C42	E84DVB□1124S□1N2G	310
1.7	11	-	17	339	586	0.9	81.111	GFL06-3M □□□080C42	E84DVB□1124S□1N2G	310
1.7	11	-	17	339	586	1.4	79.875	GFL07-2M □□□080C42	E84DVB□1124S□1N2G	302
1.7	11	-	17	341	590	1.7	81.636	GFL07-3M □□□080C42	E84DVB□1124S□1N2G	310
1.7	11	-	17	345	596	2.9	82.465	GFL09-3M □□□080C42	E84DVB□1124S□1N2G	310
1.5	10	-	15	382	660	1.4	90.000	GFL07-2M □□□080C42	E84DVB□1124S□1N2G	302
1.5	9.7	-	15	386	667	1.4	92.413	GFL07-3M □□□080C42	E84DVB□1124S□1N2G	310
1.5	9.6	-	15	390	674	2.5	93.333	GFL09-3M □□□080C42	E84DVB□1124S□1N2G	310
1.3	8.6	-	13	435	752	1.4	104.127	GFL07-3M □□□080C42	E84DVB□1124S□1N2G	310
1.3	8.6	-	13	440	760	2.5	105.185	GFL09-3M □□□080C42	E84DVB□1124S□1N2G	310
1.2	8.0	-	12	473	818	1.3	113.206	GFL07-3M □□□080C42	E84DVB□1124S□1N2G	310
1.2	7.9	-	12	478	826	2.2	114.333	GFL09-3M □□□080C42	E84DVB□1124S□1N2G	310
1.1	7.1	-	11	533	921	1.3	127.556	GFL07-3M □□□080C42	E84DVB□1124S□1N2G	310
1.1	7.0	-	11	538	931	2.2	128.852	GFL09-3M □□□080C42	E84DVB□1124S□1N2G	310
0.9	6.1	-	9.4	616	1064	1.1	147.347	GFL07-3M □□□080C42	E84DVB□1124S□1N2G	310
0.9	6.1	-	9.3	622	1075	1.9	148.815	GFL09-3M □□□080C42	E84DVB□1124S□1N2G	310
0.8	5.4	-	8.4	694	1199	1.0	166.025	GFL07-3M □□□080C42	E84DVB□1124S□1N2G	310
0.8	5.4	-	8.3	701	1211	1.9	167.712	GFL09-3M □□□080C42	E84DVB□1124S□1N2G	310
0.8	4.9	-	7.6	766	1324	0.9	183.285	GFL07-3M □□□080C42	E84DVB□1124S□1N2G	310
0.8	4.9	-	7.6	764	1320	3.1	182.792	GFL11-3M □□□080C42	E84DVB□1124S□1N2G	310
0.8	4.9	-	7.5	774	1337	1.7	185.111	GFL09-3M □□□080C42	E84DVB□1124S□1N2G	310
0.7	4.4	-	6.8	861	1488	3.1	205.963	GFL11-3M □□□080C42	E84DVB□1124S□1N2G	310
0.7	4.4	-	6.7	863	1492	0.8	206.519	GFL07-3M □□□080C42	E84DVB□1124S□1N2G	310
0.7	4.3	-	6.7	872	1507	1.7	208.617	GFL09-3M □□□080C42	E84DVB□1124S□1N2G	310
0.6	4.0	-	6.2	939	1622	0.8	224.636	GFL07-3M □□□080C42	E84DVB□1124S□1N2G	310
0.6	4.0	-	6.2	939	1623	1.5	224.778	GFL09-3M □□□080C42	E84DVB□1124S□1N2G	310
0.6	4.0	-	6.2	939	1622	2.8	224.636	GFL11-3M □□□080C42	E84DVB□1124S□1N2G	310
0.6	3.6	-	5.5	1059	1830	1.5	253.321	GFL09-3M □□□080C42	E84DVB□1124S□1N2G	310
0.6	3.6	-	5.5	1058	1828	2.8	253.111	GFL11-3M □□□080C42	E84DVB□1124S□1N2G	310
0.5	3.4	-	5.2	1117	1930	2.7	267.259	GFL11-3M □□□080C42	E84DVB□1124S□1N2G	310
0.5	3.1	-	4.8	1216	2101	1.3	290.889	GFL09-3M □□□080C42	E84DVB□1124S□1N2G	310
0.4	2.8	-	4.2	1370	2368	1.3	327.827	GFL09-3M □□□080C42	E84DVB□1124S□1N2G	310
0.4	2.8	-	4.2	1369	2366	2.3	327.556	GFL11-3M □□□080C42	E84DVB□1124S□1N2G	310

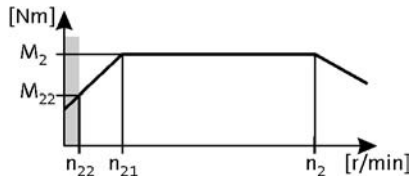
50 Hz: P_N = 1.10 kW

n_{22} / n_2 = 1 ... 10.0

n_1 = 139.0 ... 1390 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
0.4	2.6	-	3.9	1475	2550	1.1	353.033	GFL09-3M □□□080C42	E84DVB□1124S□1N2G	310
0.4	2.5	-	3.9	1496	2586	2.0	358.077	GFL11-3M □□□080C42	E84DVB□1124S□1N2G	310
0.4	2.3	-	3.5	1663	2873	1.1	397.863	GFL09-3M □□□080C42	E84DVB□1124S□1N2G	310
0.3	2.2	-	3.5	1686	2914	2.0	403.467	GFL11-3M □□□080C42	E84DVB□1124S□1N2G	310
0.3	2.1	-	3.3	1773	3064	0.9	424.247	GFL09-3M □□□080C42	E84DVB□1124S□1N2G	310
0.3	2.1	-	3.2	1798	3107	1.9	430.222	GFL11-3M □□□080C42	E84DVB□1124S□1N2G	310
0.3	1.7	-	2.7	2182	3771	1.6	522.133	GFL11-3M □□□080C42	E84DVB□1124S□1N2G	310
0.3	1.6	-	2.5	2350	4062	1.3	562.391	GFL11-3M □□□080C42	E84DVB□1124S□1N2G	310
0.2	1.4	-	2.2	2648	4576	1.3	633.680	GFL11-3M □□□080C42	E84DVB□1124S□1N2G	310
0.2	1.1	-	1.7	3347	5785	1.0	801.000	GFL11-3M □□□080C42	E84DVB□1124S□1N2G	310



50 Hz: P_N = 1.50 kW

n_{22} / n_2 = 1 ... 10.0

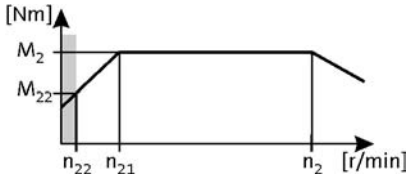
n_1 = 141.0 ... 1410 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
38	164	-	381	26	37	3.0	3.659	GFL04-2M □□□090C32	E84DVB□1524S□1N2G	306
31	131	-	305	32	46	3.7	4.571	GFL05-2M □□□090C32	E84DVB□1524S□1N2G	302
28	120	-	278	35	50	2.2	5.018	GFL04-2M □□□090C32	E84DVB□1524S□1N2G	306
24	103	-	239	41	58	2.6	5.833	GFL04-2M □□□090C32	E84DVB□1524S□1N2G	306
22	94	-	218	45	64	2.7	6.400	GFL05-2M □□□090C32	E84DVB□1524S□1N2G	302
22	93	-	217	45	64	1.8	6.422	GFL04-2M □□□090C32	E84DVB□1524S□1N2G	306
20	85	-	199	49	70	1.6	7.025	GFL04-2M □□□090C32	E84DVB□1524S□1N2G	306
17	72	-	167	59	84	2.1	8.379	GFL04-2M □□□090C32	E84DVB□1524S□1N2G	306
16	67	-	155	63	90	3.0	9.010	GFL05-2M □□□090C32	E84DVB□1524S□1N2G	302
15	64	-	150	65	93	1.8	9.333	GFL04-2M □□□090C32	E84DVB□1524S□1N2G	306
14	60	-	140	70	99	2.8	9.946	GFL05-2M □□□090C32	E84DVB□1524S□1N2G	302
14	59	-	136	72	102	1.6	10.238	GFL04-2M □□□090C32	E84DVB□1524S□1N2G	306
12	53	-	123	80	113	2.5	11.360	GFL05-2M □□□090C32	E84DVB□1524S□1N2G	302
12	52	-	121	80	115	1.6	11.491	GFL04-2M □□□090C32	E84DVB□1524S□1N2G	306
11	47	-	109	90	128	1.3	12.800	GFL04-2M □□□090C32	E84DVB□1524S□1N2G	306
11	47	-	109	90	128	2.2	12.800	GFL05-2M □□□090C32	E84DVB□1524S□1N2G	302
9.6	41	-	96	102	145	2.1	14.538	GFL05-2M □□□090C32	E84DVB□1524S□1N2G	302
9.5	41	-	95	103	147	1.2	14.706	GFL04-2M □□□090C32	E84DVB□1524S□1N2G	306
8.8	38	-	88	111	158	2.0	15.904	GFL05-2M □□□090C32	E84DVB□1524S□1N2G	302
8.7	37	-	87	113	160	1.1	16.087	GFL04-2M □□□090C32	E84DVB□1524S□1N2G	306
7.8	34	-	78	125	179	0.9	17.920	GFL04-2M □□□090C32	E84DVB□1524S□1N2G	306
7.8	34	-	78	125	179	1.8	17.920	GFL05-2M □□□090C32	E84DVB□1524S□1N2G	302
6.9	30	-	69	142	202	1.7	20.286	GFL05-2M □□□090C32	E84DVB□1524S□1N2G	302
6.8	29	-	68	144	204	0.9	20.519	GFL04-2M □□□090C32	E84DVB□1524S□1N2G	306
6.8	29	-	68	144	205	3.2	20.571	GFL06-2M □□□090C32	E84DVB□1524S□1N2G	302
6.1	26	-	61	160	228	1.4	22.857	GFL05-2M □□□090C32	E84DVB□1524S□1N2G	302
6.0	26	-	60	162	231	2.6	23.175	GFL06-2M □□□090C32	E84DVB□1524S□1N2G	302
5.6	24	-	56	174	248	1.4	24.850	GFL05-2M □□□090C32	E84DVB□1524S□1N2G	302
5.5	24	-	55	176	251	2.6	25.200	GFL06-2M □□□090C32	E84DVB□1524S□1N2G	302
5.0	21	-	50	196	279	1.1	28.000	GFL05-2M □□□090C32	E84DVB□1524S□1N2G	302
4.9	21	-	49	199	283	2.2	28.389	GFL06-2M □□□090C32	E84DVB□1524S□1N2G	302
4.3	19	-	43	226	322	1.1	32.344	GFL05-2M □□□090C32	E84DVB□1524S□1N2G	302
4.3	18	-	43	229	327	2.0	32.800	GFL06-2M □□□090C32	E84DVB□1524S□1N2G	302
3.8	17	-	38	255	363	0.9	36.444	GFL05-2M □□□090C32	E84DVB□1524S□1N2G	302
3.8	16	-	38	259	368	1.7	36.951	GFL06-2M □□□090C32	E84DVB□1524S□1N2G	302
3.5	15	-	35	281	401	0.9	40.233	GFL05-2M □□□090C32	E84DVB□1524S□1N2G	302
3.5	15	-	35	277	395	2.8	39.642	GFL07-2M □□□090C32	E84DVB□1524S□1N2G	302
3.4	15	-	34	285	407	1.6	40.800	GFL06-2M □□□090C32	E84DVB□1524S□1N2G	302
3.1	13	-	31	313	445	2.8	44.667	GFL07-2M □□□090C32	E84DVB□1524S□1N2G	302
3.0	13	-	30	322	458	1.3	45.963	GFL06-2M □□□090C32	E84DVB□1524S□1N2G	302
2.7	12	-	27	364	519	2.4	52.067	GFL07-2M □□□090C32	E84DVB□1524S□1N2G	302

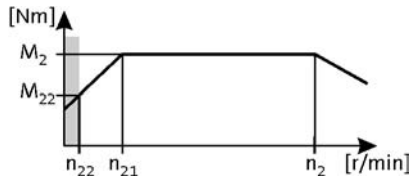
50 Hz: P_N = 1.50 kW

n_{22} / n_2 = 1 ... 10.0

n_1 = 141.0 ... 1410 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
2.7	12	-	27	359	511	2.8	51.333	GFL09-2M □□□090C32	E84DVB□1524S□1N2G	302
2.6	11	-	26	369	526	1.3	52.800	GFL06-2M □□□090C32	E84DVB□1524S□1N2G	302
2.4	10	-	24	416	593	1.0	59.481	GFL06-2M □□□090C32	E84DVB□1524S□1N2G	302
2.4	10	-	24	410	585	2.2	58.667	GFL07-2M □□□090C32	E84DVB□1524S□1N2G	302
2.4	10	-	24	405	576	2.8	57.852	GFL09-2M □□□090C32	E84DVB□1524S□1N2G	302
2.2	9.4	-	22	448	638	0.9	64.080	GFL06-2M □□□090C32	E84DVB□1524S□1N2G	302
2.2	9.5	-	22	442	630	2.0	63.190	GFL07-2M □□□090C32	E84DVB□1524S□1N2G	302
2.2	9.5	-	22	436	621	2.4	63.326	GFL09-3M □□□090C32	E84DVB□1524S□1N2G	310
2.2	9.6	-	22	436	621	2.5	62.300	GFL09-2M □□□090C32	E84DVB□1524S□1N2G	302
2.1	9.2	-	21	450	641	1.4	65.306	GFL07-3M □□□090C32	E84DVB□1524S□1N2G	310
2.0	8.4	-	20	498	709	1.8	71.200	GFL07-2M □□□090C32	E84DVB□1524S□1N2G	302
2.0	8.6	-	20	491	700	2.5	70.211	GFL09-2M □□□090C32	E84DVB□1524S□1N2G	302
1.9	8.3	-	19	505	719	0.9	72.189	GFL06-2M □□□090C32	E84DVB□1524S□1N2G	302
1.9	8.3	-	19	499	711	1.2	72.452	GFL07-3M □□□090C32	E84DVB□1524S□1N2G	310
1.9	8.2	-	19	504	718	2.1	73.173	GFL09-3M □□□090C32	E84DVB□1524S□1N2G	310
1.8	7.5	-	18	559	796	1.1	79.875	GFL07-2M □□□090C32	E84DVB□1524S□1N2G	302
1.8	7.6	-	18	551	785	1.9	78.750	GFL09-2M □□□090C32	E84DVB□1524S□1N2G	302
1.7	7.4	-	17	563	801	1.2	81.636	GFL07-3M □□□090C32	E84DVB□1524S□1N2G	310
1.7	7.3	-	17	568	809	2.1	82.465	GFL09-3M □□□090C32	E84DVB□1524S□1N2G	310
1.6	6.7	-	16	630	897	1.0	90.000	GFL07-2M □□□090C32	E84DVB□1524S□1N2G	302
1.6	6.8	-	16	621	884	1.9	88.750	GFL09-2M □□□090C32	E84DVB□1524S□1N2G	302
1.5	6.5	-	15	637	907	1.1	92.413	GFL07-3M □□□090C32	E84DVB□1524S□1N2G	310
1.5	6.4	-	15	643	916	1.9	93.333	GFL09-3M □□□090C32	E84DVB□1524S□1N2G	310
1.3	5.8	-	13	718	1022	1.1	104.127	GFL07-3M □□□090C32	E84DVB□1524S□1N2G	310
1.3	5.7	-	13	725	1032	1.9	105.185	GFL09-3M □□□090C32	E84DVB□1524S□1N2G	310
1.2	5.3	-	12	780	1111	0.9	113.206	GFL07-3M □□□090C32	E84DVB□1524S□1N2G	310
1.2	5.3	-	12	788	1122	1.7	114.333	GFL09-3M □□□090C32	E84DVB□1524S□1N2G	310
1.1	4.7	-	11	879	1252	0.9	127.556	GFL07-3M □□□090C32	E84DVB□1524S□1N2G	310
1.1	4.7	-	11	888	1264	1.7	128.852	GFL09-3M □□□090C32	E84DVB□1524S□1N2G	310
0.9	4.0	-	9.4	1025	1460	1.4	148.815	GFL09-3M □□□090C32	E84DVB□1524S□1N2G	310
0.9	4.0	-	9.4	1028	1464	2.7	149.144	GFL11-3M □□□090C32	E84DVB□1524S□1N2G	310
0.8	3.6	-	8.3	1156	1646	1.4	167.712	GFL09-3M □□□090C32	E84DVB□1524S□1N2G	310
0.8	3.6	-	8.3	1158	1649	2.7	168.049	GFL11-3M □□□090C32	E84DVB□1524S□1N2G	310
0.8	3.3	-	7.6	1260	1794	2.4	182.792	GFL11-3M □□□090C32	E84DVB□1524S□1N2G	310
0.8	3.2	-	7.5	1276	1817	1.2	185.111	GFL09-3M □□□090C32	E84DVB□1524S□1N2G	310
0.7	3.0	-	6.9	1392	1983	2.8	202.074	GFL14-3M □□□090C32	E84DVB□1524S□1N2G	310
0.7	2.9	-	6.8	1419	2021	2.4	205.963	GFL11-3M □□□090C32	E84DVB□1524S□1N2G	310
0.7	2.9	-	6.7	1438	2047	1.2	208.617	GFL09-3M □□□090C32	E84DVB□1524S□1N2G	310
0.6	2.7	-	6.2	1549	2206	1.1	224.778	GFL09-3M □□□090C32	E84DVB□1524S□1N2G	310
0.6	2.7	-	6.2	1548	2204	2.1	224.636	GFL11-3M □□□090C32	E84DVB□1524S□1N2G	310
0.6	2.4	-	5.5	1746	2486	1.1	253.321	GFL09-3M □□□090C32	E84DVB□1524S□1N2G	310



50 Hz: P_N = 1.50 kW

n_{22} / n_2 = 1 ... 10.0

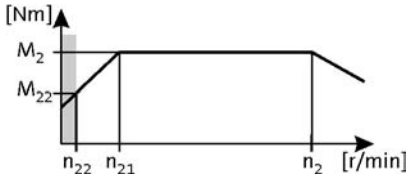
n_1 = 141.0 ... 1410 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
0.6	2.4	-	5.5	1744	2484	2.1	253.111	GFL11-3M □□□090C32	E84DVB□1524S□1N2G	310
0.5	2.3	-	5.2	1842	2623	2.0	267.259	GFL11-3M □□□090C32	E84DVB□1524S□1N2G	310
0.5	2.1	-	4.8	2004	2855	0.9	290.889	GFL09-3M □□□090C32	E84DVB□1524S□1N2G	310
0.4	1.8	-	4.3	2259	3217	0.9	327.827	GFL09-3M □□□090C32	E84DVB□1524S□1N2G	310
0.4	1.8	-	4.3	2257	3214	1.7	327.556	GFL11-3M □□□090C32	E84DVB□1524S□1N2G	310
0.4	1.7	-	4.0	2433	3464	0.8	353.033	GFL09-3M □□□090C32	E84DVB□1524S□1N2G	310
0.4	1.7	-	4.0	2431	3462	2.5	352.811	GFL14-3M □□□090C32	E84DVB□1524S□1N2G	310
0.4	1.7	-	3.9	2467	3514	1.5	358.077	GFL11-3M □□□090C32	E84DVB□1524S□1N2G	310
0.4	1.5	-	3.5	2741	3904	0.8	397.863	GFL09-3M □□□090C32	E84DVB□1524S□1N2G	310
0.4	1.5	-	3.5	2780	3959	1.5	403.467	GFL11-3M □□□090C32	E84DVB□1524S□1N2G	310
0.4	1.5	-	3.5	2739	3901	2.5	397.533	GFL14-3M □□□090C32	E84DVB□1524S□1N2G	310
0.3	1.4	-	3.2	2964	4222	1.4	430.222	GFL11-3M □□□090C32	E84DVB□1524S□1N2G	310
0.3	1.4	-	3.2	2964	4222	2.5	430.222	GFL14-3M □□□090C32	E84DVB□1524S□1N2G	310
0.3	1.2	-	2.7	3598	5124	1.2	522.133	GFL11-3M □□□090C32	E84DVB□1524S□1N2G	310
0.3	1.2	-	2.7	3598	5124	2.1	522.133	GFL14-3M □□□090C32	E84DVB□1524S□1N2G	310
0.3	1.1	-	2.5	3875	5519	1.0	562.391	GFL11-3M □□□090C32	E84DVB□1524S□1N2G	310
0.3	1.1	-	2.5	3875	5519	1.6	562.391	GFL14-3M □□□090C32	E84DVB□1524S□1N2G	310
0.2	1.0	-	2.2	4366	6218	0.9	633.680	GFL11-3M □□□090C32	E84DVB□1524S□1N2G	310
0.2	1.0	-	2.2	4366	6218	1.6	633.680	GFL14-3M □□□090C32	E84DVB□1524S□1N2G	310
0.2	0.8	-	1.7	5519	7860	1.3	801.000	GFL14-3M □□□090C32	E84DVB□1524S□1N2G	310

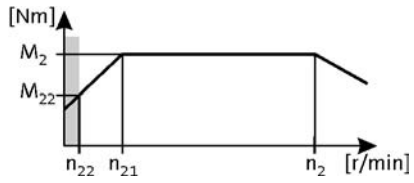
50 Hz: P_N = 2.20 kW

n_{22} / n_2 = 1 ... 10.0

n_1 = 144.0 ... 1440 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
43	180	-	432	28	47	3.5	3.333	GFL05-2M □□□100C12	E84DVB□2224S□1N2G	302
32	131	-	315	39	65	2.6	4.571	GFL05-2M □□□100C12	E84DVB□2224S□1N2G	302
28	117	-	281	44	73	3.1	5.133	GFL05-2M □□□100C12	E84DVB□2224S□1N2G	302
25	106	-	254	48	80	2.9	5.667	GFL05-2M □□□100C12	E84DVB□2224S□1N2G	302
23	94	-	225	54	91	1.9	6.400	GFL05-2M □□□100C12	E84DVB□2224S□1N2G	302
21	85	-	205	60	100	2.5	7.040	GFL05-2M □□□100C12	E84DVB□2224S□1N2G	302
19	77	-	185	66	110	2.4	7.771	GFL05-2M □□□100C12	E84DVB□2224S□1N2G	302
16	67	-	160	77	128	2.1	9.010	GFL05-2M □□□100C12	E84DVB□2224S□1N2G	302
15	60	-	145	84	141	2.0	9.946	GFL05-2M □□□100C12	E84DVB□2224S□1N2G	302
14	60	-	143	86	143	3.2	10.092	GFL06-2M □□□100C12	E84DVB□2224S□1N2G	302
13	53	-	127	96	161	1.7	11.360	GFL05-2M □□□100C12	E84DVB□2224S□1N2G	302
11	47	-	113	109	181	1.6	12.800	GFL05-2M □□□100C12	E84DVB□2224S□1N2G	302
11	46	-	111	110	184	3.2	12.978	GFL06-2M □□□100C12	E84DVB□2224S□1N2G	302
9.9	41	-	99	123	206	1.5	14.538	GFL05-2M □□□100C12	E84DVB□2224S□1N2G	302
9.8	41	-	98	125	209	3.1	14.743	GFL06-2M □□□100C12	E84DVB□2224S□1N2G	302
9.1	38	-	91	135	225	1.4	15.904	GFL05-2M □□□100C12	E84DVB□2224S□1N2G	302
8.9	37	-	89	137	228	2.8	16.128	GFL06-2M □□□100C12	E84DVB□2224S□1N2G	302
8.0	34	-	80	152	254	1.2	17.920	GFL05-2M □□□100C12	E84DVB□2224S□1N2G	302
7.9	33	-	79	154	257	2.3	18.169	GFL06-2M □□□100C12	E84DVB□2224S□1N2G	302
7.1	30	-	71	172	287	1.2	20.286	GFL05-2M □□□100C12	E84DVB□2224S□1N2G	302
7.0	29	-	70	175	291	2.2	20.571	GFL06-2M □□□100C12	E84DVB□2224S□1N2G	302
6.3	26	-	63	194	324	1.0	22.857	GFL05-2M □□□100C12	E84DVB□2224S□1N2G	302
6.2	26	-	62	197	328	1.8	23.175	GFL06-2M □□□100C12	E84DVB□2224S□1N2G	302
5.8	24	-	58	211	352	1.0	24.850	GFL05-2M □□□100C12	E84DVB□2224S□1N2G	302
5.7	24	-	57	214	357	1.8	25.200	GFL06-2M □□□100C12	E84DVB□2224S□1N2G	302
5.1	21	-	51	241	402	1.5	28.389	GFL06-2M □□□100C12	E84DVB□2224S□1N2G	302
5.1	21	-	51	238	396	3.1	28.000	GFL07-2M □□□100C12	E84DVB□2224S□1N2G	302
4.5	19	-	45	275	458	3.0	32.344	GFL07-2M □□□100C12	E84DVB□2224S□1N2G	302
4.4	18	-	44	279	464	1.4	32.800	GFL06-2M □□□100C12	E84DVB□2224S□1N2G	302
4.0	17	-	40	309	516	2.4	36.444	GFL07-2M □□□100C12	E84DVB□2224S□1N2G	302
3.9	16	-	39	314	523	1.2	36.951	GFL06-2M □□□100C12	E84DVB□2224S□1N2G	302
3.6	15	-	36	337	561	2.5	39.642	GFL07-2M □□□100C12	E84DVB□2224S□1N2G	302
3.5	15	-	35	346	578	1.1	40.800	GFL06-2M □□□100C12	E84DVB□2224S□1N2G	302
3.2	13	-	32	379	632	2.0	44.667	GFL07-2M □□□100C12	E84DVB□2224S□1N2G	302
3.1	13	-	31	390	651	0.9	45.963	GFL06-2M □□□100C12	E84DVB□2224S□1N2G	302
2.8	12	-	28	442	737	1.8	52.067	GFL07-2M □□□100C12	E84DVB□2224S□1N2G	302
2.8	12	-	28	436	727	2.8	51.333	GFL09-2M □□□100C12	E84DVB□2224S□1N2G	302
2.5	10	-	25	498	830	1.5	58.667	GFL07-2M □□□100C12	E84DVB□2224S□1N2G	302
2.5	10	-	25	491	819	2.8	57.852	GFL09-2M □□□100C12	E84DVB□2224S□1N2G	302
2.3	9.5	-	23	536	894	1.4	63.190	GFL07-2M □□□100C12	E84DVB□2224S□1N2G	302
2.3	9.5	-	23	530	883	1.7	63.326	GFL09-3M □□□100C12	E84DVB□2224S□1N2G	310



50 Hz: P_N = 2.20 kW

n_{22} / n_2 = 1 ... 10.0

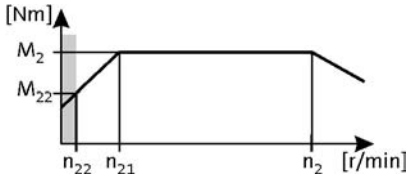
n_1 = 144.0 ... 1440 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
2.3	9.6	-	23	529	882	2.3	62.300	GFL09-2M □□□100C12	E84DVB□2224S□1N2G	302
2.3	9.5	-	23	536	894	2.9	63.190	GFL11-2M □□□100C12	E84DVB□2224S□1N2G	302
2.2	9.2	-	22	546	911	1.0	65.306	GFL07-3M □□□100C12	E84DVB□2224S□1N2G	310
2.2	9.2	-	22	546	911	3.2	65.306	GFL11-3M □□□100C12	E84DVB□2224S□1N2G	310
2.1	8.6	-	21	596	994	2.3	70.211	GFL09-2M □□□100C12	E84DVB□2224S□1N2G	302
2.0	8.3	-	20	606	1010	0.9	72.452	GFL07-3M □□□100C12	E84DVB□2224S□1N2G	310
2.0	8.4	-	20	605	1008	1.3	71.200	GFL07-2M □□□100C12	E84DVB□2224S□1N2G	302
2.0	8.2	-	20	612	1020	1.5	73.173	GFL09-3M □□□100C12	E84DVB□2224S□1N2G	310
2.0	8.2	-	20	613	1023	2.8	73.335	GFL11-3M □□□100C12	E84DVB□2224S□1N2G	310
2.0	8.4	-	20	605	1008	2.9	71.200	GFL11-2M □□□100C12	E84DVB□2224S□1N2G	302
1.8	7.4	-	18	683	1138	0.9	81.636	GFL07-3M □□□100C12	E84DVB□2224S□1N2G	310
1.8	7.3	-	18	690	1150	1.5	82.465	GFL09-3M □□□100C12	E84DVB□2224S□1N2G	310
1.8	7.6	-	18	669	1115	1.5	78.750	GFL09-2M □□□100C12	E84DVB□2224S□1N2G	302
1.8	7.5	-	18	678	1131	2.3	79.875	GFL11-2M □□□100C12	E84DVB□2224S□1N2G	302
1.7	7.3	-	17	691	1152	2.8	82.631	GFL11-3M □□□100C12	E84DVB□2224S□1N2G	310
1.6	6.8	-	16	753	1256	1.4	88.750	GFL09-2M □□□100C12	E84DVB□2224S□1N2G	302
1.6	6.7	-	16	764	1274	2.3	90.000	GFL11-2M □□□100C12	E84DVB□2224S□1N2G	302
1.5	6.4	-	15	781	1301	1.3	93.333	GFL09-3M □□□100C12	E84DVB□2224S□1N2G	310
1.5	6.4	-	15	782	1304	2.5	93.540	GFL11-3M □□□100C12	E84DVB□2224S□1N2G	310
1.4	5.7	-	14	880	1467	1.3	105.185	GFL09-3M □□□100C12	E84DVB□2224S□1N2G	310
1.4	5.7	-	14	881	1470	2.5	105.397	GFL11-3M □□□100C12	E84DVB□2224S□1N2G	310
1.3	5.3	-	13	956	1594	1.2	114.333	GFL09-3M □□□100C12	E84DVB□2224S□1N2G	310
1.3	5.2	-	13	958	1598	2.2	114.586	GFL11-3M □□□100C12	E84DVB□2224S□1N2G	310
1.1	4.7	-	11	1078	1797	1.2	128.852	GFL09-3M □□□100C12	E84DVB□2224S□1N2G	310
1.1	4.7	-	11	1080	1800	2.2	129.111	GFL11-3M □□□100C12	E84DVB□2224S□1N2G	310
1.0	4.0	-	9.7	1244	2075	1.0	148.815	GFL09-3M □□□100C12	E84DVB□2224S□1N2G	310
1.0	4.0	-	9.7	1247	2079	1.9	149.144	GFL11-3M □□□100C12	E84DVB□2224S□1N2G	310
0.9	3.6	-	8.6	1402	2338	1.0	167.712	GFL09-3M □□□100C12	E84DVB□2224S□1N2G	310
0.9	3.6	-	8.6	1405	2343	1.9	168.049	GFL11-3M □□□100C12	E84DVB□2224S□1N2G	310
0.8	3.3	-	7.9	1529	2549	1.7	182.792	GFL11-3M □□□100C12	E84DVB□2224S□1N2G	310
0.8	3.2	-	7.8	1548	2581	0.9	185.111	GFL09-3M □□□100C12	E84DVB□2224S□1N2G	310
0.7	3.0	-	7.1	1690	2817	2.8	202.074	GFL14-3M □□□100C12	E84DVB□2224S□1N2G	310
0.7	2.9	-	7.0	1722	2872	1.7	205.963	GFL11-3M □□□100C12	E84DVB□2224S□1N2G	310
0.7	2.9	-	6.9	1745	2909	0.9	208.617	GFL09-3M □□□100C12	E84DVB□2224S□1N2G	310
0.6	2.7	-	6.4	1878	3132	1.4	224.636	GFL11-3M □□□100C12	E84DVB□2224S□1N2G	310
0.6	2.7	-	6.4	1878	3132	2.8	224.636	GFL14-3M □□□100C12	E84DVB□2224S□1N2G	310
0.6	2.4	-	5.7	2117	3529	1.4	253.111	GFL11-3M □□□100C12	E84DVB□2224S□1N2G	310
0.6	2.4	-	5.7	2117	3529	2.8	253.111	GFL14-3M □□□100C12	E84DVB□2224S□1N2G	310
0.5	2.3	-	5.4	2235	3726	1.4	267.259	GFL11-3M □□□100C12	E84DVB□2224S□1N2G	310
0.5	2.2	-	5.3	2289	3817	2.6	273.778	GFL14-3M □□□100C12	E84DVB□2224S□1N2G	310
0.4	1.8	-	4.4	2739	4567	1.2	327.556	GFL11-3M □□□100C12	E84DVB□2224S□1N2G	310

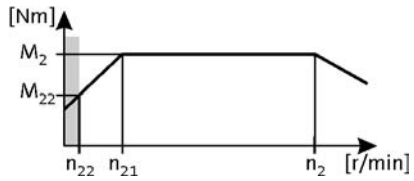
50 Hz: P_N = 2.20 kW

n_{22} / n_2 = 1 ... 10.0

n_1 = 144.0 ... 1440 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
0.4	1.8	-	4.3	2780	4635	2.3	332.444	GFL14-3M □□□100C12	E84DVB□2224S□1N2G	310
0.4	1.7	-	4.1	2950	4919	2.1	352.811	GFL14-3M □□□100C12	E84DVB□2224S□1N2G	310
0.4	1.7	-	4.0	2994	4993	1.1	358.077	GFL11-3M □□□100C12	E84DVB□2224S□1N2G	310
0.4	1.5	-	3.6	3374	5625	1.1	403.467	GFL11-3M □□□100C12	E84DVB□2224S□1N2G	310
0.4	1.5	-	3.6	3324	5543	2.1	397.533	GFL14-3M □□□100C12	E84DVB□2224S□1N2G	310
0.3	1.4	-	3.4	3598	5998	1.0	430.222	GFL11-3M □□□100C12	E84DVB□2224S□1N2G	310
0.3	1.4	-	3.4	3598	5998	1.8	430.222	GFL14-3M □□□100C12	E84DVB□2224S□1N2G	310
0.3	1.2	-	2.8	4366	7280	0.8	522.133	GFL11-3M □□□100C12	E84DVB□2224S□1N2G	310
0.3	1.2	-	2.8	4366	7280	1.5	522.133	GFL14-3M □□□100C12	E84DVB□2224S□1N2G	310
0.3	1.1	-	2.6	4703	7841	1.2	562.391	GFL14-3M □□□100C12	E84DVB□2224S□1N2G	310
0.2	1.0	-	2.3	5299	8835	1.1	633.680	GFL14-3M □□□100C12	E84DVB□2224S□1N2G	310
0.2	0.8	-	1.8	6698	11168	0.9	801.000	GFL14-3M □□□100C12	E84DVB□2224S□1N2G	310



50 Hz: P_N = 3.00 kW

n_{22} / n_2 = 1 ... 10.0

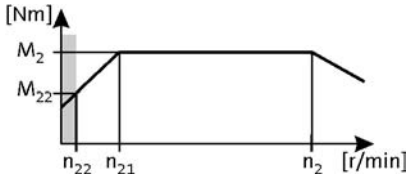
n_1 = 143.0 ... 1430 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
43	180	-	429	39	65	2.6	3.333	GFL05-2M □□□100C32	E84DVB□3024S□1N2G	302
31	131	-	313	53	89	1.9	4.571	GFL05-2M □□□100C32	E84DVB□3024S□1N2G	302
28	117	-	279	60	100	2.2	5.133	GFL05-2M □□□100C32	E84DVB□3024S□1N2G	302
25	106	-	252	66	110	2.1	5.667	GFL05-2M □□□100C32	E84DVB□3024S□1N2G	302
22	94	-	223	75	124	1.4	6.400	GFL05-2M □□□100C32	E84DVB□3024S□1N2G	302
22	93	-	222	75	125	2.8	6.450	GFL06-2M □□□100C32	E84DVB□3024S□1N2G	302
20	85	-	203	82	137	1.8	7.040	GFL05-2M □□□100C32	E84DVB□3024S□1N2G	302
20	84	-	200	83	139	3.1	7.147	GFL06-2M □□□100C32	E84DVB□3024S□1N2G	302
18	77	-	184	91	151	1.7	7.771	GFL05-2M □□□100C32	E84DVB□3024S□1N2G	302
16	67	-	159	105	175	1.5	9.010	GFL05-2M □□□100C32	E84DVB□3024S□1N2G	302
15	63	-	151	110	184	3.2	9.463	GFL06-2M □□□100C32	E84DVB□3024S□1N2G	302
14	60	-	144	116	193	1.4	9.946	GFL05-2M □□□100C32	E84DVB□3024S□1N2G	302
14	60	-	142	118	196	2.3	10.092	GFL06-2M □□□100C32	E84DVB□3024S□1N2G	302
13	53	-	126	133	221	1.3	11.360	GFL05-2M □□□100C32	E84DVB□3024S□1N2G	302
12	52	-	124	135	224	2.8	11.520	GFL06-2M □□□100C32	E84DVB□3024S□1N2G	302
11	47	-	112	149	249	1.1	12.800	GFL05-2M □□□100C32	E84DVB□3024S□1N2G	302
11	46	-	110	152	252	2.4	12.978	GFL06-2M □□□100C32	E84DVB□3024S□1N2G	302
9.8	41	-	98	170	283	1.1	14.538	GFL05-2M □□□100C32	E84DVB□3024S□1N2G	302
9.7	41	-	97	172	287	2.2	14.743	GFL06-2M □□□100C32	E84DVB□3024S□1N2G	302
9.0	38	-	90	186	309	1.0	15.904	GFL05-2M □□□100C32	E84DVB□3024S□1N2G	302
8.9	37	-	89	188	314	2.1	16.128	GFL06-2M □□□100C32	E84DVB□3024S□1N2G	302
8.0	34	-	80	209	348	0.9	17.920	GFL05-2M □□□100C32	E84DVB□3024S□1N2G	302
7.9	33	-	79	212	353	1.7	18.169	GFL06-2M □□□100C32	E84DVB□3024S□1N2G	302
7.1	30	-	71	237	394	0.8	20.286	GFL05-2M □□□100C32	E84DVB□3024S□1N2G	302
7.1	30	-	71	237	394	3.2	20.286	GFL07-2M □□□100C32	E84DVB□3024S□1N2G	302
7.0	29	-	70	240	400	1.6	20.571	GFL06-2M □□□100C32	E84DVB□3024S□1N2G	302
6.3	26	-	63	267	444	2.8	22.857	GFL07-2M □□□100C32	E84DVB□3024S□1N2G	302
6.2	26	-	62	271	450	1.3	23.175	GFL06-2M □□□100C32	E84DVB□3024S□1N2G	302
5.8	24	-	58	290	483	2.8	24.850	GFL07-2M □□□100C32	E84DVB□3024S□1N2G	302
5.7	24	-	57	294	490	1.3	25.200	GFL06-2M □□□100C32	E84DVB□3024S□1N2G	302
5.1	21	-	51	327	544	2.3	28.000	GFL07-2M □□□100C32	E84DVB□3024S□1N2G	302
5.0	21	-	50	331	552	1.1	28.389	GFL06-2M □□□100C32	E84DVB□3024S□1N2G	302
4.4	18	-	44	383	638	1.0	32.800	GFL06-2M □□□100C32	E84DVB□3024S□1N2G	302
4.4	19	-	44	378	629	2.2	32.344	GFL07-2M □□□100C32	E84DVB□3024S□1N2G	302
4.4	18	-	44	381	635	3.0	32.667	GFL09-2M □□□100C32	E84DVB□3024S□1N2G	302
3.9	16	-	39	431	718	0.9	36.951	GFL06-2M □□□100C32	E84DVB□3024S□1N2G	302
3.9	17	-	39	425	708	1.8	36.444	GFL07-2M □□□100C32	E84DVB□3024S□1N2G	302
3.9	16	-	39	430	716	3.0	36.815	GFL09-2M □□□100C32	E84DVB□3024S□1N2G	302
3.6	15	-	36	463	771	1.8	39.642	GFL07-2M □□□100C32	E84DVB□3024S□1N2G	302
3.6	15	-	36	463	771	2.5	39.667	GFL09-2M □□□100C32	E84DVB□3024S□1N2G	302
3.5	15	-	35	476	793	0.8	40.800	GFL06-2M □□□100C32	E84DVB□3024S□1N2G	302

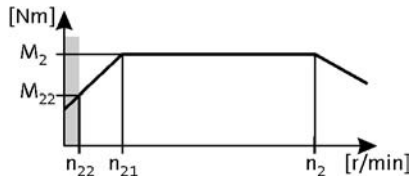
50 Hz: P_N = 3.00 kW

n_{22} / n_2 = 1 ... 10.0

n_1 = 143.0 ... 1430 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
3.2	13	-	32	521	868	1.5	44.667	GFL07-2M □□□100C32	E84DVB□3024S□1N2G	302
3.2	13	-	32	522	869	2.5	44.704	GFL09-2M □□□100C32	E84DVB□3024S□1N2G	302
2.8	12	-	28	608	1012	1.3	52.067	GFL07-2M □□□100C32	E84DVB□3024S□1N2G	302
2.8	12	-	28	599	998	2.0	51.333	GFL09-2M □□□100C32	E84DVB□3024S□1N2G	302
2.8	12	-	28	608	1012	2.5	52.067	GFL11-2M □□□100C32	E84DVB□3024S□1N2G	302
2.5	10	-	25	675	1125	2.0	57.852	GFL09-2M □□□100C32	E84DVB□3024S□1N2G	302
2.4	10	-	24	685	1140	1.1	58.667	GFL07-2M □□□100C32	E84DVB□3024S□1N2G	302
2.4	10	-	24	685	1140	2.5	58.667	GFL11-2M □□□100C32	E84DVB□3024S□1N2G	302
2.3	9.5	-	23	738	1228	1.0	63.190	GFL07-2M □□□100C32	E84DVB□3024S□1N2G	302
2.3	9.5	-	23	728	1212	1.3	63.326	GFL09-3M □□□100C32	E84DVB□3024S□1N2G	310
2.3	9.6	-	23	727	1211	1.7	62.300	GFL09-2M □□□100C32	E84DVB□3024S□1N2G	302
2.3	9.5	-	23	738	1228	2.1	63.190	GFL11-2M □□□100C32	E84DVB□3024S□1N2G	302
2.2	9.2	-	22	751	1250	2.3	65.306	GFL11-3M □□□100C32	E84DVB□3024S□1N2G	310
2.0	8.4	-	20	831	1384	0.9	71.200	GFL07-2M □□□100C32	E84DVB□3024S□1N2G	302
2.0	8.2	-	20	841	1401	1.1	73.173	GFL09-3M □□□100C32	E84DVB□3024S□1N2G	310
2.0	8.6	-	20	820	1365	1.7	70.211	GFL09-2M □□□100C32	E84DVB□3024S□1N2G	302
2.0	8.2	-	20	843	1404	2.1	73.335	GFL11-3M □□□100C32	E84DVB□3024S□1N2G	310
2.0	8.4	-	20	831	1384	2.1	71.200	GFL11-2M □□□100C32	E84DVB□3024S□1N2G	302
1.8	7.6	-	18	919	1531	1.1	78.750	GFL09-2M □□□100C32	E84DVB□3024S□1N2G	302
1.8	7.5	-	18	932	1553	1.7	79.875	GFL11-2M □□□100C32	E84DVB□3024S□1N2G	302
1.7	7.3	-	17	948	1579	1.1	82.465	GFL09-3M □□□100C32	E84DVB□3024S□1N2G	310
1.7	7.3	-	17	950	1582	2.1	82.631	GFL11-3M □□□100C32	E84DVB□3024S□1N2G	310
1.6	6.8	-	16	1036	1725	1.0	88.750	GFL09-2M □□□100C32	E84DVB□3024S□1N2G	302
1.6	6.7	-	16	1051	1749	1.7	90.000	GFL11-2M □□□100C32	E84DVB□3024S□1N2G	302
1.5	6.4	-	15	1073	1787	1.0	93.333	GFL09-3M □□□100C32	E84DVB□3024S□1N2G	310
1.5	6.4	-	15	1075	1791	1.8	93.540	GFL11-3M □□□100C32	E84DVB□3024S□1N2G	310
1.4	5.7	-	14	1209	2014	1.0	105.185	GFL09-3M □□□100C32	E84DVB□3024S□1N2G	310
1.4	5.7	-	14	1212	2018	1.8	105.397	GFL11-3M □□□100C32	E84DVB□3024S□1N2G	310
1.4	5.7	-	14	1206	2008	3.0	104.889	GFL14-3M □□□100C32	E84DVB□3024S□1N2G	310
1.3	5.3	-	13	1315	2189	0.8	114.333	GFL09-3M □□□100C32	E84DVB□3024S□1N2G	310
1.3	5.2	-	13	1317	2194	1.6	114.586	GFL11-3M □□□100C32	E84DVB□3024S□1N2G	310
1.3	5.3	-	13	1312	2185	3.0	114.126	GFL14-3M □□□100C32	E84DVB□3024S□1N2G	310
1.1	4.7	-	11	1481	2467	0.8	128.852	GFL09-3M □□□100C32	E84DVB□3024S□1N2G	310
1.1	4.7	-	11	1484	2472	1.6	129.111	GFL11-3M □□□100C32	E84DVB□3024S□1N2G	310
1.1	4.7	-	11	1478	2462	3.0	128.593	GFL14-3M □□□100C32	E84DVB□3024S□1N2G	310
1.0	4.0	-	9.6	1715	2855	1.4	149.144	GFL11-3M □□□100C32	E84DVB□3024S□1N2G	310
0.9	3.8	-	9.2	1795	2990	2.5	156.148	GFL14-3M □□□100C32	E84DVB□3024S□1N2G	310
0.9	3.6	-	8.5	1932	3217	1.4	168.049	GFL11-3M □□□100C32	E84DVB□3024S□1N2G	310
0.8	3.5	-	8.4	1955	3256	2.6	170.074	GFL14-3M □□□100C32	E84DVB□3024S□1N2G	310
0.8	3.3	-	7.8	2102	3500	1.2	182.792	GFL11-3M □□□100C32	E84DVB□3024S□1N2G	310
0.7	3.0	-	7.1	2323	3869	2.0	202.074	GFL14-3M □□□100C32	E84DVB□3024S□1N2G	310



50 Hz: P_N = 3.00 kW

n_{22} / n_2 = 1 ... 10.0

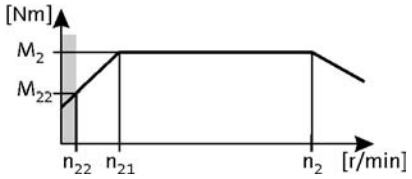
n_1 = 143.0 ... 1430 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
0.7	2.9	-	6.9	2368	3943	1.2	205.963	GFL11-3M □□□100C32	E84DVB□3024S□1N2G	310
0.6	2.7	-	6.4	2583	4301	1.1	224.636	GFL11-3M □□□100C32	E84DVB□3024S□1N2G	310
0.6	2.7	-	6.4	2583	4301	2.0	224.636	GFL14-3M □□□100C32	E84DVB□3024S□1N2G	310
0.6	2.4	-	5.7	2910	4846	1.1	253.111	GFL11-3M □□□100C32	E84DVB□3024S□1N2G	310
0.6	2.4	-	5.7	2910	4846	2.0	253.111	GFL14-3M □□□100C32	E84DVB□3024S□1N2G	310
0.5	2.3	-	5.4	3073	5117	1.0	267.259	GFL11-3M □□□100C32	E84DVB□3024S□1N2G	310
0.5	2.2	-	5.2	3148	5242	1.9	273.778	GFL14-3M □□□100C32	E84DVB□3024S□1N2G	310
0.4	1.8	-	4.4	3766	6271	0.9	327.556	GFL11-3M □□□100C32	E84DVB□3024S□1N2G	310
0.4	1.8	-	4.3	3822	6365	1.7	332.444	GFL14-3M □□□100C32	E84DVB□3024S□1N2G	310
0.4	1.7	-	4.1	4056	6755	1.5	352.811	GFL14-3M □□□100C32	E84DVB□3024S□1N2G	310
0.4	1.5	-	3.6	4570	7611	1.5	397.533	GFL14-3M □□□100C32	E84DVB□3024S□1N2G	310
0.3	1.4	-	3.3	4946	8237	1.3	430.222	GFL14-3M □□□100C32	E84DVB□3024S□1N2G	310
0.3	1.2	-	2.7	6003	9997	1.1	522.133	GFL14-3M □□□100C32	E84DVB□3024S□1N2G	310
0.3	1.1	-	2.5	6466	10767	0.8	562.391	GFL14-3M □□□100C32	E84DVB□3024S□1N2G	310
0.2	1.0	-	2.3	7285	12132	0.8	633.680	GFL14-3M □□□100C32	E84DVB□3024S□1N2G	310

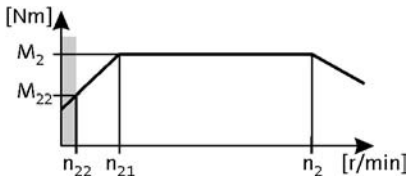
87 Hz: P_N = 0.33 kW

n_{22} / n_2 = 1 ... 17.4

n_1 = 142.2 ... 2475 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
20	85	-	352	6.6	9.0	2.9	7.025	GFL04-2M □□□063C32	E84DVB□5514S□1N2G	302
8.8	37	-	154	15	20	2.9	16.087	GFL04-2M □□□063C32	E84DVB□5514S□1N2G	302
7.9	34	-	138	17	22	2.9	17.920	GFL04-2M □□□063C32	E84DVB□5514S□1N2G	302
6.9	29	-	121	19	25	2.7	20.519	GFL04-2M □□□063C32	E84DVB□5514S□1N2G	302
6.2	26	-	108	22	28	2.7	22.857	GFL04-2M □□□063C32	E84DVB□5514S□1N2G	302
4.5	19	-	78	30	39	3.4	31.600	GFL04-2M □□□063C32	E84DVB□5514S□1N2G	302
4.0	17	-	70	33	43	3.4	35.200	GFL04-2M □□□063C32	E84DVB□5514S□1N2G	302
3.5	15	-	61	38	50	2.8	40.697	GFL04-2M □□□063C32	E84DVB□5514S□1N2G	302
3.1	13	-	55	43	55	2.8	45.333	GFL04-2M □□□063C32	E84DVB□5514S□1N2G	302
2.8	12	-	48	49	63	2.5	51.579	GFL04-2M □□□063C32	E84DVB□5514S□1N2G	302
2.5	10	-	43	54	70	2.4	57.455	GFL04-2M □□□063C32	E84DVB□5514S□1N2G	302
2.3	9.7	-	40	57	74	2.7	61.653	GFL05-3M □□□063C32	E84DVB□5514S□1N2G	310
2.2	9.3	-	38	61	79	2.0	64.636	GFL04-2M □□□063C32	E84DVB□5514S□1N2G	302
2.2	9.1	-	37	61	80	3.2	66.213	GFL06-3M □□□063C32	E84DVB□5514S□1N2G	310
2.0	8.3	-	34	68	88	2.0	72.000	GFL04-2M □□□063C32	E84DVB□5514S□1N2G	302
2.0	8.3	-	34	67	87	3.2	72.000	GFL06-3M □□□063C32	E84DVB□5514S□1N2G	310
1.8	7.6	-	32	73	95	2.4	78.639	GFL05-3M □□□063C32	E84DVB□5514S□1N2G	310
1.8	7.4	-	31	75	98	3.2	81.111	GFL06-3M □□□063C32	E84DVB□5514S□1N2G	310
1.7	7.1	-	29	80	104	1.0	85.156	GFL04-2M □□□063C32	E84DVB□5514S□1N2G	302
1.6	6.7	-	28	84	109	2.8	90.123	GFL05-3M □□□063C32	E84DVB□5514S□1N2G	310
1.5	6.3	-	26	89	116	1.0	94.857	GFL04-2M □□□063C32	E84DVB□5514S□1N2G	302
1.4	5.9	-	24	94	122	2.7	101.547	GFL05-3M □□□063C32	E84DVB□5514S□1N2G	310
1.2	5.2	-	22	107	138	2.4	114.952	GFL05-3M □□□063C32	E84DVB□5514S□1N2G	310
1.2	5.2	-	21	108	140	2.9	116.571	GFL06-3M □□□063C32	E84DVB□5514S□1N2G	310
1.1	4.6	-	19	120	156	2.1	129.524	GFL05-3M □□□063C32	E84DVB□5514S□1N2G	310
1.1	4.6	-	19	122	158	3.2	131.323	GFL06-3M □□□063C32	E84DVB□5514S□1N2G	310
1.0	4.2	-	17	134	174	3.2	144.320	GFL06-3M □□□063C32	E84DVB□5514S□1N2G	310
0.9	3.7	-	15	151	196	3.1	162.583	GFL06-3M □□□063C32	E84DVB□5514S□1N2G	310
0.8	3.4	-	14	164	213	1.6	177.027	GFL05-3M □□□063C32	E84DVB□5514S□1N2G	310
0.8	3.3	-	14	166	216	2.8	179.520	GFL06-3M □□□063C32	E84DVB□5514S□1N2G	310
0.7	3.0	-	12	185	240	1.4	199.467	GFL05-3M □□□063C32	E84DVB□5514S□1N2G	310
0.7	3.0	-	12	187	243	2.5	202.237	GFL06-3M □□□063C32	E84DVB□5514S□1N2G	310
0.6	2.6	-	11	211	274	1.3	227.989	GFL05-3M □□□063C32	E84DVB□5514S□1N2G	310
0.6	2.6	-	11	214	278	2.3	231.200	GFL06-3M □□□063C32	E84DVB□5514S□1N2G	310
0.6	2.3	-	9.6	238	309	1.1	256.889	GFL05-3M □□□063C32	E84DVB□5514S□1N2G	310
0.6	2.3	-	9.5	241	313	2.0	260.457	GFL06-3M □□□063C32	E84DVB□5514S□1N2G	310
0.5	2.1	-	8.6	268	348	1.0	288.948	GFL05-3M □□□063C32	E84DVB□5514S□1N2G	310
0.5	2.1	-	8.5	272	353	1.9	293.018	GFL06-3M □□□063C32	E84DVB□5514S□1N2G	310
0.5	2.0	-	8.3	277	360	1.7	299.200	GFL06-3M □□□063C32	E84DVB□5514S□1N2G	310
0.4	1.8	-	7.6	302	392	0.8	325.576	GFL05-3M □□□063C32	E84DVB□5514S□1N2G	310
0.4	1.6	-	6.7	340	442	1.5	367.200	GFL06-3M □□□063C32	E84DVB□5514S□1N2G	310



87 Hz: P_N = 0.33 kW

n_{22} / n_2 = 1 ... 17.4

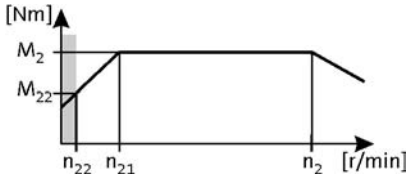
n_1 = 142.2 ... 2475 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
0.3	1.5	-	6.0	383	498	1.2	413.667	GFL06-3M □□□063C32	E84DVB□5514S□1N2G	310
0.3	1.3	-	5.2	440	572	1.2	475.200	GFL06-3M □□□063C32	E84DVB□5514S□1N2G	310
0.3	1.1	-	4.6	496	644	1.0	535.333	GFL06-3M □□□063C32	E84DVB□5514S□1N2G	310
0.3	1.0	-	4.3	534	694	0.9	576.720	GFL06-3M □□□063C32	E84DVB□5514S□1N2G	310

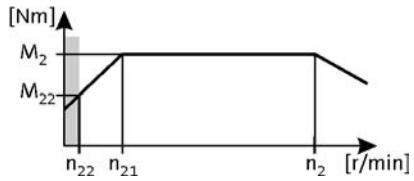
87 Hz: P_N = 0.45 kW

n_{22} / n_2 = 1 ... 17.4

n_1 = 142.5 ... 2480 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
39	164	-	678	4.8	6.0	3.9	3.659	GFL04-2M □□□063C42	E84DVB□5514S□1N2G	302
28	120	-	494	6.5	9.0	3.9	5.018	GFL04-2M □□□063C42	E84DVB□5514S□1N2G	302
24	103	-	425	7.6	10	3.9	5.833	GFL04-2M □□□063C42	E84DVB□5514S□1N2G	302
22	94	-	388	8.3	11	3.9	6.400	GFL05-2M □□□063C42	E84DVB□5514S□1N2G	302
20	85	-	353	9.2	12	4.4	7.025	GFL04-2M □□□063C42	E84DVB□5514S□1N2G	302
17	72	-	296	11	14	3.9	8.379	GFL04-2M □□□063C42	E84DVB□5514S□1N2G	302
15	64	-	266	12	16	3.9	9.333	GFL04-2M □□□063C42	E84DVB□5514S□1N2G	302
14	59	-	242	13	17	4.4	10.238	GFL04-2M □□□063C42	E84DVB□5514S□1N2G	302
12	52	-	216	15	19	3.9	11.491	GFL04-2M □□□063C42	E84DVB□5514S□1N2G	302
11	47	-	194	17	22	3.9	12.800	GFL04-2M □□□063C42	E84DVB□5514S□1N2G	302
9.7	41	-	169	19	25	4.4	14.706	GFL04-2M □□□063C42	E84DVB□5514S□1N2G	302
9.0	38	-	156	21	27	3.9	15.904	GFL05-2M □□□063C42	E84DVB□5514S□1N2G	302
8.0	34	-	138	23	30	3.9	17.920	GFL05-2M □□□063C42	E84DVB□5514S□1N2G	302
7.0	29	-	121	27	35	4.1	20.519	GFL04-2M □□□063C42	E84DVB□5514S□1N2G	302
6.2	26	-	109	30	39	3.7	22.857	GFL04-2M □□□063C42	E84DVB□5514S□1N2G	302
5.7	24	-	99	33	43	4.1	25.136	GFL04-2M □□□063C42	E84DVB□5514S□1N2G	302
5.1	21	-	89	37	47	3.4	28.000	GFL04-2M □□□063C42	E84DVB□5514S□1N2G	302
4.5	19	-	79	41	53	3.3	31.600	GFL04-2M □□□063C42	E84DVB□5514S□1N2G	302
4.1	17	-	71	46	60	2.7	35.200	GFL04-2M □□□063C42	E84DVB□5514S□1N2G	302
3.5	15	-	61	53	69	2.6	40.697	GFL04-2M □□□063C42	E84DVB□5514S□1N2G	302
3.1	13	-	55	59	77	2.2	45.333	GFL04-2M □□□063C42	E84DVB□5514S□1N2G	302
2.8	12	-	48	67	87	2.1	51.579	GFL04-2M □□□063C42	E84DVB□5514S□1N2G	302
2.5	10	-	43	75	97	1.7	57.455	GFL04-2M □□□063C42	E84DVB□5514S□1N2G	302
2.4	10	-	42	76	99	3.1	58.667	GFL05-2M □□□063C42	E84DVB□5514S□1N2G	302
2.3	9.7	-	40	79	103	1.9	61.653	GFL05-3M □□□063C42	E84DVB□5514S□1N2G	310
2.3	9.5	-	39	82	107	2.5	63.190	GFL05-2M □□□063C42	E84DVB□5514S□1N2G	302
2.2	9.4	-	39	83	108	3.1	64.080	GFL06-2M □□□063C42	E84DVB□5514S□1N2G	302
2.2	9.3	-	38	84	109	1.2	64.636	GFL04-2M □□□063C42	E84DVB□5514S□1N2G	302
2.0	8.4	-	35	93	120	2.5	71.200	GFL05-2M □□□063C42	E84DVB□5514S□1N2G	302
2.0	8.3	-	34	94	122	1.2	72.000	GFL04-2M □□□063C42	E84DVB□5514S□1N2G	302
2.0	8.3	-	34	94	122	3.2	72.189	GFL06-2M □□□063C42	E84DVB□5514S□1N2G	302
1.8	7.6	-	32	101	131	1.7	78.639	GFL05-3M □□□063C42	E84DVB□5514S□1N2G	310
1.8	7.4	-	31	105	137	2.6	81.000	GFL06-2M □□□063C42	E84DVB□5514S□1N2G	302
1.6	6.7	-	28	116	150	2.0	90.123	GFL05-3M □□□063C42	E84DVB□5514S□1N2G	310
1.6	6.6	-	27	119	154	1.4	91.000	GFL05-2M □□□063C42	E84DVB□5514S□1N2G	302
1.6	6.6	-	27	119	154	2.6	91.250	GFL06-2M □□□063C42	E84DVB□5514S□1N2G	302
1.4	5.9	-	24	130	169	1.9	101.547	GFL05-3M □□□063C42	E84DVB□5514S□1N2G	310
1.2	5.2	-	22	147	191	1.7	114.952	GFL05-3M □□□063C42	E84DVB□5514S□1N2G	310
1.2	5.2	-	21	150	194	2.7	116.571	GFL06-3M □□□063C42	E84DVB□5514S□1N2G	310
1.1	4.6	-	19	166	216	1.5	129.524	GFL05-3M □□□063C42	E84DVB□5514S□1N2G	310
1.1	4.6	-	19	168	219	2.7	131.323	GFL06-3M □□□063C42	E84DVB□5514S□1N2G	310



87 Hz: P_N = 0.45 kW

n_{22} / n_2 = 1 ... 17.4

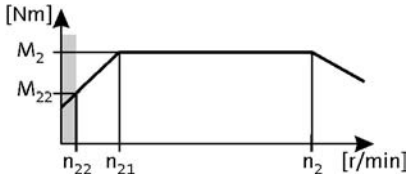
n_1 = 142.5 ... 2480 r/min

n_{22}	n_{21}		n_2	M_{22}	M_2	c	i			
[r/min]	[r/min]		[r/min]	[Nm]	[Nm]					
1.0	4.3	-	18	181	235	1.5	140.817	GFL05-3M □□□063C42	E84DVB□5514S□1N2G	310
1.0	4.2	-	17	185	240	2.3	144.320	GFL06-3M □□□063C42	E84DVB□5514S□1N2G	310
0.9	3.8	-	16	204	264	1.2	158.667	GFL05-3M □□□063C42	E84DVB□5514S□1N2G	310
0.9	3.7	-	15	209	271	2.3	162.583	GFL06-3M □□□063C42	E84DVB□5514S□1N2G	310
0.8	3.4	-	14	227	295	1.2	177.027	GFL05-3M □□□063C42	E84DVB□5514S□1N2G	310
0.8	3.3	-	14	230	299	2.0	179.520	GFL06-3M □□□063C42	E84DVB□5514S□1N2G	310
0.7	3.0	-	12	256	332	1.0	199.467	GFL05-3M □□□063C42	E84DVB□5514S□1N2G	310
0.7	3.0	-	12	259	337	1.8	202.237	GFL06-3M □□□063C42	E84DVB□5514S□1N2G	310
0.6	2.6	-	11	292	380	0.9	227.989	GFL05-3M □□□063C42	E84DVB□5514S□1N2G	310
0.6	2.6	-	11	297	385	1.7	231.200	GFL06-3M □□□063C42	E84DVB□5514S□1N2G	310
0.6	2.4	-	9.8	325	422	3.0	253.111	GFL07-3M □□□063C42	E84DVB□5514S□1N2G	310
0.6	2.3	-	9.5	334	434	1.4	260.457	GFL06-3M □□□063C42	E84DVB□5514S□1N2G	310
0.5	2.1	-	8.5	376	488	1.4	293.018	GFL06-3M □□□063C42	E84DVB□5514S□1N2G	310
0.5	2.1	-	8.5	373	484	2.9	290.706	GFL07-3M □□□063C42	E84DVB□5514S□1N2G	310
0.5	2.0	-	8.3	384	498	1.2	299.200	GFL06-3M □□□063C42	E84DVB□5514S□1N2G	310
0.4	1.8	-	7.6	420	546	2.3	327.556	GFL07-3M □□□063C42	E84DVB□5514S□1N2G	310
0.4	1.7	-	7.0	452	588	2.4	352.811	GFL07-3M □□□063C42	E84DVB□5514S□1N2G	310
0.4	1.7	-	7.0	453	588	3.2	353.033	GFL09-3M □□□063C42	E84DVB□5514S□1N2G	310
0.4	1.6	-	6.8	471	612	1.1	367.200	GFL06-3M □□□063C42	E84DVB□5514S□1N2G	310
0.4	1.5	-	6.2	510	662	1.9	397.533	GFL07-3M □□□063C42	E84DVB□5514S□1N2G	310
0.4	1.5	-	6.2	510	663	3.2	397.863	GFL09-3M □□□063C42	E84DVB□5514S□1N2G	310
0.3	1.5	-	6.0	530	689	0.9	413.667	GFL06-3M □□□063C42	E84DVB□5514S□1N2G	310
0.3	1.4	-	5.8	552	717	1.8	430.222	GFL07-3M □□□063C42	E84DVB□5514S□1N2G	310
0.3	1.3	-	5.2	609	791	0.8	475.200	GFL06-3M □□□063C42	E84DVB□5514S□1N2G	310
0.3	1.2	-	4.8	670	870	1.5	522.133	GFL07-3M □□□063C42	E84DVB□5514S□1N2G	310
0.3	1.2	-	4.8	660	857	3.2	514.881	GFL09-3M □□□063C42	E84DVB□5514S□1N2G	310
0.3	1.1	-	4.5	711	923	2.3	554.470	GFL09-3M □□□063C42	E84DVB□5514S□1N2G	310
0.3	1.1	-	4.4	721	937	1.2	562.391	GFL07-3M □□□063C42	E84DVB□5514S□1N2G	310
0.2	1.0	-	4.0	801	1041	2.2	624.879	GFL09-3M □□□063C42	E84DVB□5514S□1N2G	310
0.2	1.0	-	3.9	813	1055	1.2	633.680	GFL07-3M □□□063C42	E84DVB□5514S□1N2G	310
0.2	0.8	-	3.5	922	1197	0.9	718.786	GFL07-3M □□□063C42	E84DVB□5514S□1N2G	310
0.2	0.9	-	3.5	899	1167	1.8	700.875	GFL09-3M □□□063C42	E84DVB□5514S□1N2G	310
0.2	0.7	-	3.1	1039	1349	0.9	809.900	GFL07-3M □□□063C42	E84DVB□5514S□1N2G	310
0.2	0.8	-	3.1	1013	1315	1.7	789.875	GFL09-3M □□□063C42	E84DVB□5514S□1N2G	310

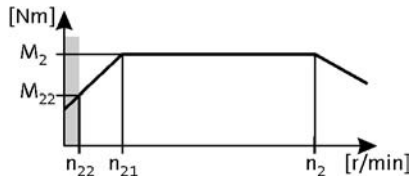
87 Hz: P_N = 0.66 kW

n_{22} / n_2 = 1 ... 17.4

n_1 = 144.8 ... 2520 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
40	164	-	689	6.9	9.0	3.3	3.659	GFL04-2M □□□071C32	E84DVB□7514S□1N2G	302
29	120	-	502	9.4	12	3.3	5.018	GFL04-2M □□□071C32	E84DVB□7514S□1N2G	302
25	103	-	432	11	14	3.3	5.833	GFL04-2M □□□071C32	E84DVB□7514S□1N2G	302
23	94	-	394	12	16	3.3	6.400	GFL05-2M □□□071C32	E84DVB□7514S□1N2G	302
21	85	-	359	13	17	3.8	7.025	GFL04-2M □□□071C32	E84DVB□7514S□1N2G	302
17	72	-	301	16	20	3.3	8.379	GFL04-2M □□□071C32	E84DVB□7514S□1N2G	302
16	64	-	270	18	23	3.3	9.333	GFL04-2M □□□071C32	E84DVB□7514S□1N2G	302
14	59	-	246	19	25	3.8	10.238	GFL04-2M □□□071C32	E84DVB□7514S□1N2G	302
13	52	-	219	22	28	3.3	11.491	GFL04-2M □□□071C32	E84DVB□7514S□1N2G	302
11	47	-	197	24	31	3.3	12.800	GFL04-2M □□□071C32	E84DVB□7514S□1N2G	302
9.9	41	-	171	28	36	3.8	14.706	GFL04-2M □□□071C32	E84DVB□7514S□1N2G	302
9.1	38	-	159	30	39	3.3	15.904	GFL05-2M □□□071C32	E84DVB□7514S□1N2G	302
8.1	34	-	141	34	44	3.2	17.920	GFL04-2M □□□071C32	E84DVB□7514S□1N2G	302
7.1	29	-	123	38	50	3.1	20.519	GFL04-2M □□□071C32	E84DVB□7514S□1N2G	302
6.3	26	-	110	43	56	2.5	22.857	GFL04-2M □□□071C32	E84DVB□7514S□1N2G	302
5.8	24	-	100	47	61	2.9	25.136	GFL04-2M □□□071C32	E84DVB□7514S□1N2G	302
5.2	21	-	90	52	68	2.4	28.000	GFL04-2M □□□071C32	E84DVB□7514S□1N2G	302
4.6	19	-	80	59	77	2.3	31.600	GFL04-2M □□□071C32	E84DVB□7514S□1N2G	302
4.1	17	-	72	66	86	1.9	35.200	GFL04-2M □□□071C32	E84DVB□7514S□1N2G	302
3.6	15	-	63	75	98	3.0	40.233	GFL05-2M □□□071C32	E84DVB□7514S□1N2G	302
3.6	15	-	62	76	99	1.8	40.697	GFL04-2M □□□071C32	E84DVB□7514S□1N2G	302
3.2	13	-	56	85	110	1.5	45.333	GFL04-2M □□□071C32	E84DVB□7514S□1N2G	302
3.2	13	-	56	85	110	2.8	45.333	GFL05-2M □□□071C32	E84DVB□7514S□1N2G	302
2.8	12	-	49	97	125	1.5	51.579	GFL04-2M □□□071C32	E84DVB□7514S□1N2G	302
2.8	12	-	48	98	127	2.3	52.067	GFL05-2M □□□071C32	E84DVB□7514S□1N2G	302
2.7	11	-	48	99	128	3.0	52.800	GFL06-2M □□□071C32	E84DVB□7514S□1N2G	302
2.5	10	-	44	108	140	1.2	57.455	GFL04-2M □□□071C32	E84DVB□7514S□1N2G	302
2.5	10	-	43	110	143	2.2	58.667	GFL05-2M □□□071C32	E84DVB□7514S□1N2G	302
2.4	10	-	42	111	145	3.0	59.481	GFL06-2M □□□071C32	E84DVB□7514S□1N2G	302
2.4	9.7	-	41	114	148	1.3	61.653	GFL05-3M □□□071C32	E84DVB□7514S□1N2G	310
2.3	9.5	-	40	118	154	1.8	63.190	GFL05-2M □□□071C32	E84DVB□7514S□1N2G	302
2.2	9.3	-	39	121	157	1.0	64.636	GFL04-2M □□□071C32	E84DVB□7514S□1N2G	302
2.3	9.4	-	39	120	156	2.7	64.080	GFL06-2M □□□071C32	E84DVB□7514S□1N2G	302
2.2	9.1	-	38	122	159	3.1	66.213	GFL06-3M □□□071C32	E84DVB□7514S□1N2G	310
2.0	8.3	-	35	135	175	1.0	72.000	GFL04-2M □□□071C32	E84DVB□7514S□1N2G	302
2.0	8.4	-	35	133	173	1.8	71.200	GFL05-2M □□□071C32	E84DVB□7514S□1N2G	302
2.0	8.3	-	35	135	176	2.8	72.189	GFL06-2M □□□071C32	E84DVB□7514S□1N2G	302
2.0	8.3	-	35	133	172	2.9	72.000	GFL06-3M □□□071C32	E84DVB□7514S□1N2G	310
1.8	7.6	-	32	145	188	1.2	78.639	GFL05-3M □□□071C32	E84DVB□7514S□1N2G	310
1.8	7.4	-	31	152	197	2.2	81.000	GFL06-2M □□□071C32	E84DVB□7514S□1N2G	302
1.8	7.4	-	31	150	194	2.6	81.111	GFL06-3M □□□071C32	E84DVB□7514S□1N2G	310



87 Hz: P_N = 0.66 kW

n_{22} / n_2 = 1 ... 17.4

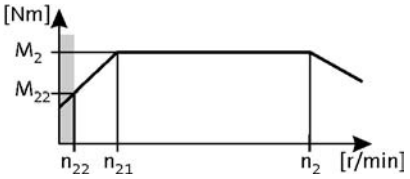
n_1 = 144.8 ... 2520 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
1.6	6.8	-	29	163	211	2.3	88.200	GFL06-3M □□□071C32	E84DVB□7514S□1N2G	310
1.6	6.6	-	28	170	221	1.1	91.000	GFL05-2M □□□071C32	E84DVB□7514S□1N2G	302
1.6	6.7	-	28	166	216	1.4	90.123	GFL05-3M □□□071C32	E84DVB□7514S□1N2G	310
1.6	6.6	-	28	171	222	2.2	91.250	GFL06-2M □□□071C32	E84DVB□7514S□1N2G	302
1.4	5.9	-	25	187	243	1.4	101.547	GFL05-3M □□□071C32	E84DVB□7514S□1N2G	310
1.5	6.0	-	25	183	238	2.3	99.361	GFL06-3M □□□071C32	E84DVB□7514S□1N2G	310
1.3	5.2	-	22	212	275	1.2	114.952	GFL05-3M □□□071C32	E84DVB□7514S□1N2G	310
1.2	5.2	-	22	215	279	1.9	116.571	GFL06-3M □□□071C32	E84DVB□7514S□1N2G	310
1.1	4.6	-	20	239	310	1.1	129.524	GFL05-3M □□□071C32	E84DVB□7514S□1N2G	310
1.1	4.6	-	19	242	315	1.9	131.323	GFL06-3M □□□071C32	E84DVB□7514S□1N2G	310
1.0	4.3	-	18	260	337	1.0	140.817	GFL05-3M □□□071C32	E84DVB□7514S□1N2G	310
1.0	4.2	-	18	266	346	1.6	144.320	GFL06-3M □□□071C32	E84DVB□7514S□1N2G	310
1.0	4.1	-	17	272	353	3.2	147.347	GFL07-3M □□□071C32	E84DVB□7514S□1N2G	310
0.9	3.8	-	16	293	380	0.9	158.667	GFL05-3M □□□071C32	E84DVB□7514S□1N2G	310
0.9	3.7	-	16	300	389	1.6	162.583	GFL06-3M □□□071C32	E84DVB□7514S□1N2G	310
0.9	3.6	-	15	306	398	3.1	166.025	GFL07-3M □□□071C32	E84DVB□7514S□1N2G	310
0.8	3.4	-	14	326	424	0.8	177.027	GFL05-3M □□□071C32	E84DVB□7514S□1N2G	310
0.8	3.3	-	14	331	430	1.4	179.520	GFL06-3M □□□071C32	E84DVB□7514S□1N2G	310
0.8	3.3	-	14	338	439	2.8	183.285	GFL07-3M □□□071C32	E84DVB□7514S□1N2G	310
0.7	3.0	-	13	373	484	1.3	202.237	GFL06-3M □□□071C32	E84DVB□7514S□1N2G	310
0.7	2.9	-	12	381	495	2.5	206.519	GFL07-3M □□□071C32	E84DVB□7514S□1N2G	310
0.6	2.6	-	11	426	554	1.2	231.200	GFL06-3M □□□071C32	E84DVB□7514S□1N2G	310
0.6	2.7	-	11	414	538	2.5	224.636	GFL07-3M □□□071C32	E84DVB□7514S□1N2G	310
0.6	2.4	-	10	467	606	2.1	253.111	GFL07-3M □□□071C32	E84DVB□7514S□1N2G	310
0.6	2.3	-	9.7	480	624	1.0	260.457	GFL06-3M □□□071C32	E84DVB□7514S□1N2G	310
0.5	2.1	-	8.7	536	696	2.0	290.706	GFL07-3M □□□071C32	E84DVB□7514S□1N2G	310
0.5	2.1	-	8.7	536	697	3.2	290.889	GFL09-3M □□□071C32	E84DVB□7514S□1N2G	310
0.5	2.1	-	8.6	540	702	0.9	293.018	GFL06-3M □□□071C32	E84DVB□7514S□1N2G	310
0.5	2.0	-	8.4	552	717	0.9	299.200	GFL06-3M □□□071C32	E84DVB□7514S□1N2G	310
0.4	1.8	-	7.7	604	784	1.6	327.556	GFL07-3M □□□071C32	E84DVB□7514S□1N2G	310
0.4	1.8	-	7.7	605	785	3.2	327.827	GFL09-3M □□□071C32	E84DVB□7514S□1N2G	310
0.4	1.7	-	7.1	651	845	1.6	352.811	GFL07-3M □□□071C32	E84DVB□7514S□1N2G	310
0.4	1.7	-	7.1	651	845	2.8	353.033	GFL09-3M □□□071C32	E84DVB□7514S□1N2G	310
0.4	1.5	-	6.3	733	952	1.3	397.533	GFL07-3M □□□071C32	E84DVB□7514S□1N2G	310
0.4	1.5	-	6.3	734	953	2.8	397.863	GFL09-3M □□□071C32	E84DVB□7514S□1N2G	310
0.3	1.4	-	5.9	793	1030	1.2	430.222	GFL07-3M □□□071C32	E84DVB□7514S□1N2G	310
0.3	1.4	-	5.9	782	1016	2.7	424.247	GFL09-3M □□□071C32	E84DVB□7514S□1N2G	310
0.3	1.2	-	4.9	949	1233	2.2	514.881	GFL09-3M □□□071C32	E84DVB□7514S□1N2G	310
0.3	1.2	-	4.8	963	1250	1.0	522.133	GFL07-3M □□□071C32	E84DVB□7514S□1N2G	310
0.3	1.1	-	4.5	1037	1347	0.8	562.391	GFL07-3M □□□071C32	E84DVB□7514S□1N2G	310
0.3	1.1	-	4.5	1022	1328	1.6	554.470	GFL09-3M □□□071C32	E84DVB□7514S□1N2G	310

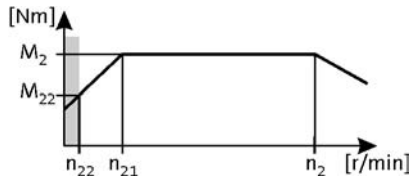
87 Hz: P_N = 0.66 kW

n_{22} / n_2 = 1 ... 17.4

n_1 = 144.8 ... 2520 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
0.2	1.0	-	4.0	1169	1518	0.8	633.680	GFL07-3M □□□071C32	E84DVB□7514S□1N2G	310
0.2	1.0	-	4.0	1152	1496	1.5	624.879	GFL09-3M □□□071C32	E84DVB□7514S□1N2G	310
0.2	0.9	-	3.6	1292	1678	1.3	700.875	GFL09-3M □□□071C32	E84DVB□7514S□1N2G	310
0.2	0.8	-	3.2	1457	1892	1.2	789.875	GFL09-3M □□□071C32	E84DVB□7514S□1N2G	310



87 Hz: P_N = 1.00 kW

n_{22} / n_2 = 1 ... 17.4

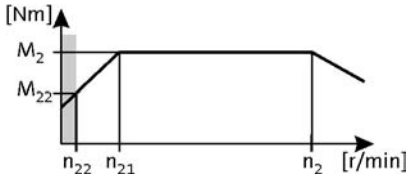
n_1 = 144.5 ... 2515 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
40	164	-	687	10	13	3.8	3.659	GFL04-2M □□□071C42	E84DVB□1124S□1N2G	302
29	120	-	501	14	18	3.8	5.018	GFL04-2M □□□071C42	E84DVB□1124S□1N2G	302
25	103	-	431	16	21	3.8	5.833	GFL04-2M □□□071C42	E84DVB□1124S□1N2G	302
23	93	-	392	18	23	3.5	6.422	GFL04-2M □□□071C42	E84DVB□1124S□1N2G	302
21	85	-	358	20	26	3.5	7.025	GFL04-2M □□□071C42	E84DVB□1124S□1N2G	302
17	72	-	300	23	30	3.8	8.379	GFL04-2M □□□071C42	E84DVB□1124S□1N2G	302
16	67	-	279	25	33	3.8	9.010	GFL05-2M □□□071C42	E84DVB□1124S□1N2G	302
14	59	-	246	29	37	3.5	10.238	GFL04-2M □□□071C42	E84DVB□1124S□1N2G	302
13	52	-	219	32	42	3.7	11.491	GFL04-2M □□□071C42	E84DVB□1124S□1N2G	302
11	47	-	197	36	46	3.0	12.800	GFL04-2M □□□071C42	E84DVB□1124S□1N2G	302
9.8	41	-	171	41	53	2.9	14.706	GFL04-2M □□□071C42	E84DVB□1124S□1N2G	302
9.0	37	-	156	45	58	2.6	16.087	GFL04-2M □□□071C42	E84DVB□1124S□1N2G	302
8.1	34	-	140	50	65	2.2	17.920	GFL04-2M □□□071C42	E84DVB□1124S□1N2G	302
7.0	29	-	123	57	74	2.1	20.519	GFL04-2M □□□071C42	E84DVB□1124S□1N2G	302
6.3	26	-	110	64	83	1.7	22.857	GFL04-2M □□□071C42	E84DVB□1124S□1N2G	302
5.8	24	-	100	70	91	1.9	25.136	GFL04-2M □□□071C42	E84DVB□1124S□1N2G	302
5.2	21	-	90	78	102	1.6	28.000	GFL04-2M □□□071C42	E84DVB□1124S□1N2G	302
5.2	21	-	90	78	102	3.0	28.000	GFL05-2M □□□071C42	E84DVB□1124S□1N2G	302
4.6	19	-	80	88	115	1.5	31.600	GFL04-2M □□□071C42	E84DVB□1124S□1N2G	302
4.5	19	-	78	90	117	2.8	32.344	GFL05-2M □□□071C42	E84DVB□1124S□1N2G	302
4.1	17	-	71	98	128	1.3	35.200	GFL04-2M □□□071C42	E84DVB□1124S□1N2G	302
4.0	17	-	69	102	132	2.3	36.444	GFL05-2M □□□071C42	E84DVB□1124S□1N2G	302
3.6	15	-	63	112	146	2.3	40.233	GFL05-2M □□□071C42	E84DVB□1124S□1N2G	302
3.6	15	-	62	114	148	1.2	40.697	GFL04-2M □□□071C42	E84DVB□1124S□1N2G	302
3.5	15	-	62	114	148	3.0	40.800	GFL06-2M □□□071C42	E84DVB□1124S□1N2G	302
3.2	13	-	56	127	164	1.0	45.333	GFL04-2M □□□071C42	E84DVB□1124S□1N2G	302
3.2	13	-	56	127	164	1.9	45.333	GFL05-2M □□□071C42	E84DVB□1124S□1N2G	302
3.1	13	-	55	128	167	3.0	45.963	GFL06-2M □□□071C42	E84DVB□1124S□1N2G	302
2.8	12	-	48	145	189	1.6	52.067	GFL05-2M □□□071C42	E84DVB□1124S□1N2G	302
2.7	11	-	48	148	192	2.8	52.800	GFL06-2M □□□071C42	E84DVB□1124S□1N2G	302
2.5	10	-	43	164	213	1.5	58.667	GFL05-2M □□□071C42	E84DVB□1124S□1N2G	302
2.4	10	-	42	166	216	2.7	59.481	GFL06-2M □□□071C42	E84DVB□1124S□1N2G	302
2.3	9.7	-	41	170	220	0.9	61.653	GFL05-3M □□□071C42	E84DVB□1124S□1N2G	310
2.3	9.5	-	40	177	229	1.2	63.190	GFL05-2M □□□071C42	E84DVB□1124S□1N2G	302
2.3	9.4	-	39	179	232	2.3	64.080	GFL06-2M □□□071C42	E84DVB□1124S□1N2G	302
2.2	9.1	-	38	182	237	2.1	66.213	GFL06-3M □□□071C42	E84DVB□1124S□1N2G	310
2.0	8.4	-	35	199	258	1.2	71.200	GFL05-2M □□□071C42	E84DVB□1124S□1N2G	302
2.0	8.3	-	35	198	257	1.9	72.000	GFL06-3M □□□071C42	E84DVB□1124S□1N2G	310
2.0	8.3	-	35	202	262	2.4	72.189	GFL06-2M □□□071C42	E84DVB□1124S□1N2G	302
1.8	7.6	-	32	216	281	0.8	78.639	GFL05-3M □□□071C42	E84DVB□1124S□1N2G	310
1.8	7.4	-	31	226	294	1.4	81.000	GFL06-2M □□□071C42	E84DVB□1124S□1N2G	302

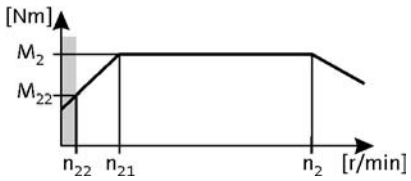
87 Hz: P_N = 1.00 kW

n_{22} / n_2 = 1 ... 17.4

n_1 = 144.5 ... 2515 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
1.8	7.4	-	31	223	290	1.7	81.111	GFL06-3M □□□071C42	E84DVB□1124S□1N2G	310
1.6	6.8	-	29	243	315	1.6	88.200	GFL06-3M □□□071C42	E84DVB□1124S□1N2G	310
1.6	6.7	-	28	248	322	0.9	90.123	GFL05-3M □□□071C42	E84DVB□1124S□1N2G	310
1.6	6.6	-	28	255	331	1.4	91.250	GFL06-2M □□□071C42	E84DVB□1124S□1N2G	302
1.6	6.5	-	27	254	330	2.9	92.413	GFL07-3M □□□071C42	E84DVB□1124S□1N2G	310
1.4	5.9	-	25	279	363	0.9	101.547	GFL05-3M □□□071C42	E84DVB□1124S□1N2G	310
1.5	6.0	-	25	273	355	1.6	99.361	GFL06-3M □□□071C42	E84DVB□1124S□1N2G	310
1.4	5.8	-	24	286	372	2.9	104.127	GFL07-3M □□□071C42	E84DVB□1124S□1N2G	310
1.3	5.2	-	22	316	411	0.8	114.952	GFL05-3M □□□071C42	E84DVB□1124S□1N2G	310
1.2	5.2	-	22	321	416	1.3	116.571	GFL06-3M □□□071C42	E84DVB□1124S□1N2G	310
1.3	5.3	-	22	311	404	2.6	113.206	GFL07-3M □□□071C42	E84DVB□1124S□1N2G	310
1.1	4.7	-	20	351	456	2.6	127.556	GFL07-3M □□□071C42	E84DVB□1124S□1N2G	310
1.1	4.6	-	19	361	469	1.3	131.323	GFL06-3M □□□071C42	E84DVB□1124S□1N2G	310
1.0	4.2	-	17	397	516	1.1	144.320	GFL06-3M □□□071C42	E84DVB□1124S□1N2G	310
1.0	4.1	-	17	405	526	2.2	147.347	GFL07-3M □□□071C42	E84DVB□1124S□1N2G	310
0.9	3.7	-	16	447	581	1.1	162.583	GFL06-3M □□□071C42	E84DVB□1124S□1N2G	310
0.9	3.6	-	15	457	593	2.1	166.025	GFL07-3M □□□071C42	E84DVB□1124S□1N2G	310
0.8	3.3	-	14	494	641	0.9	179.520	GFL06-3M □□□071C42	E84DVB□1124S□1N2G	310
0.8	3.3	-	14	504	655	1.9	183.285	GFL07-3M □□□071C42	E84DVB□1124S□1N2G	310
0.8	3.2	-	14	509	661	3.2	185.111	GFL09-3M □□□071C42	E84DVB□1124S□1N2G	310
0.7	3.0	-	12	556	723	0.9	202.237	GFL06-3M □□□071C42	E84DVB□1124S□1N2G	310
0.7	2.9	-	12	568	738	1.7	206.519	GFL07-3M □□□071C42	E84DVB□1124S□1N2G	310
0.7	2.9	-	12	574	745	3.2	208.617	GFL09-3M □□□071C42	E84DVB□1124S□1N2G	310
0.6	2.7	-	11	618	803	1.7	224.636	GFL07-3M □□□071C42	E84DVB□1124S□1N2G	310
0.6	2.7	-	11	618	803	3.0	224.778	GFL09-3M □□□071C42	E84DVB□1124S□1N2G	310
0.6	2.4	-	9.9	696	904	1.4	253.111	GFL07-3M □□□071C42	E84DVB□1124S□1N2G	310
0.6	2.4	-	9.9	697	905	3.0	253.321	GFL09-3M □□□071C42	E84DVB□1124S□1N2G	310
0.5	2.1	-	8.7	800	1039	1.3	290.706	GFL07-3M □□□071C42	E84DVB□1124S□1N2G	310
0.5	2.1	-	8.7	800	1039	2.5	290.889	GFL09-3M □□□071C42	E84DVB□1124S□1N2G	310
0.4	1.8	-	7.7	901	1170	1.1	327.556	GFL07-3M □□□071C42	E84DVB□1124S□1N2G	310
0.4	1.8	-	7.7	902	1171	2.5	327.827	GFL09-3M □□□071C42	E84DVB□1124S□1N2G	310
0.4	1.7	-	7.1	971	1260	1.1	352.811	GFL07-3M □□□071C42	E84DVB□1124S□1N2G	310
0.4	1.7	-	7.1	971	1261	2.2	353.033	GFL09-3M □□□071C42	E84DVB□1124S□1N2G	310
0.4	1.5	-	6.3	1094	1420	0.9	397.533	GFL07-3M □□□071C42	E84DVB□1124S□1N2G	310
0.4	1.5	-	6.3	1094	1421	2.2	397.863	GFL09-3M □□□071C42	E84DVB□1124S□1N2G	310
0.3	1.4	-	5.9	1184	1537	0.8	430.222	GFL07-3M □□□071C42	E84DVB□1124S□1N2G	310
0.3	1.4	-	5.9	1167	1516	1.8	424.247	GFL09-3M □□□071C42	E84DVB□1124S□1N2G	310
0.3	1.2	-	4.9	1416	1839	1.5	514.881	GFL09-3M □□□071C42	E84DVB□1124S□1N2G	310
0.3	1.1	-	4.5	1525	1981	1.1	554.470	GFL09-3M □□□071C42	E84DVB□1124S□1N2G	310
0.2	1.0	-	4.0	1719	2232	1.0	624.879	GFL09-3M □□□071C42	E84DVB□1124S□1N2G	310
0.2	0.9	-	3.6	1928	2504	0.8	700.875	GFL09-3M □□□071C42	E84DVB□1124S□1N2G	310



87 Hz: P_N = 1.00 kW

n_{22} / n_2 = 1 ... 17.4

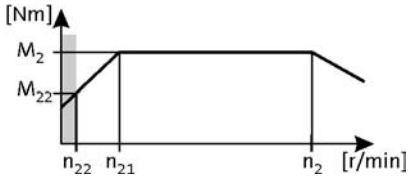
n_1 = 144.5 ... 2515 r/min

n_{22}	n_{21}		n_2	M_{22}	M_2	c	i			
[r/min]	[r/min]		[r/min]	[Nm]	[Nm]					
0.2	0.8	-	3.2	2173	2822	0.8	789.875	GFL09-3M □□□071C42	E84DVB□1124S□1N2G	310

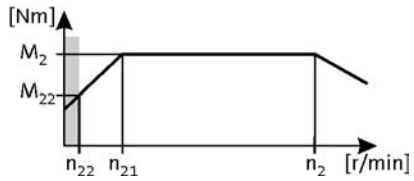
87 Hz: P_N = 1.35 kW

n_{22} / n_2 = 1 ... 17.4

n_1 = 144.8 ... 2520 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
40	164	-	689	14	18	3.5	3.659	GFL04-2M □□□080C32	E84DVB□1524S□1N2G	302
29	120	-	502	19	25	3.5	5.018	GFL04-2M □□□080C32	E84DVB□1524S□1N2G	302
25	103	-	432	22	29	3.5	5.833	GFL04-2M □□□080C32	E84DVB□1524S□1N2G	302
23	93	-	392	25	32	3.0	6.422	GFL04-2M □□□080C32	E84DVB□1524S□1N2G	302
21	85	-	359	27	35	2.7	7.025	GFL04-2M □□□080C32	E84DVB□1524S□1N2G	302
17	72	-	301	32	41	3.5	8.379	GFL04-2M □□□080C32	E84DVB□1524S□1N2G	302
16	64	-	270	36	46	3.0	9.333	GFL04-2M □□□080C32	E84DVB□1524S□1N2G	302
14	59	-	246	39	51	2.7	10.238	GFL04-2M □□□080C32	E84DVB□1524S□1N2G	302
13	52	-	219	44	57	2.7	11.491	GFL04-2M □□□080C32	E84DVB□1524S□1N2G	302
11	47	-	197	49	63	2.2	12.800	GFL04-2M □□□080C32	E84DVB□1524S□1N2G	302
9.9	41	-	171	56	73	2.1	14.706	GFL04-2M □□□080C32	E84DVB□1524S□1N2G	302
9.0	37	-	157	61	79	1.9	16.087	GFL04-2M □□□080C32	E84DVB□1524S□1N2G	302
8.1	34	-	141	68	88	1.6	17.920	GFL04-2M □□□080C32	E84DVB□1524S□1N2G	302
7.1	29	-	123	78	101	1.5	20.519	GFL04-2M □□□080C32	E84DVB□1524S□1N2G	302
6.3	26	-	110	87	113	1.3	22.857	GFL04-2M □□□080C32	E84DVB□1524S□1N2G	302
6.3	26	-	110	87	113	2.3	22.857	GFL05-2M □□□080C32	E84DVB□1524S□1N2G	302
5.8	24	-	101	95	123	2.7	24.850	GFL05-2M □□□080C32	E84DVB□1524S□1N2G	302
5.8	24	-	100	96	124	1.4	25.136	GFL04-2M □□□080C32	E84DVB□1524S□1N2G	302
5.2	21	-	90	107	138	1.2	28.000	GFL04-2M □□□080C32	E84DVB□1524S□1N2G	302
5.2	21	-	90	107	138	2.2	28.000	GFL05-2M □□□080C32	E84DVB□1524S□1N2G	302
4.6	19	-	80	120	156	1.1	31.600	GFL04-2M □□□080C32	E84DVB□1524S□1N2G	302
4.5	19	-	78	123	159	2.1	32.344	GFL05-2M □□□080C32	E84DVB□1524S□1N2G	302
4.1	17	-	72	134	174	0.9	35.200	GFL04-2M □□□080C32	E84DVB□1524S□1N2G	302
4.0	17	-	69	139	180	1.7	36.444	GFL05-2M □□□080C32	E84DVB□1524S□1N2G	302
3.6	15	-	63	153	198	1.7	40.233	GFL05-2M □□□080C32	E84DVB□1524S□1N2G	302
3.6	15	-	62	155	201	0.9	40.697	GFL04-2M □□□080C32	E84DVB□1524S□1N2G	302
3.6	15	-	62	156	201	2.8	40.800	GFL06-2M □□□080C32	E84DVB□1524S□1N2G	302
3.2	13	-	56	173	223	1.4	45.333	GFL05-2M □□□080C32	E84DVB□1524S□1N2G	302
3.2	13	-	55	175	227	2.6	45.963	GFL06-2M □□□080C32	E84DVB□1524S□1N2G	302
2.8	12	-	48	198	257	1.2	52.067	GFL05-2M □□□080C32	E84DVB□1524S□1N2G	302
2.7	11	-	48	201	260	2.4	52.800	GFL06-2M □□□080C32	E84DVB□1524S□1N2G	302
2.8	12	-	48	198	257	2.8	52.067	GFL07-2M □□□080C32	E84DVB□1524S□1N2G	302
2.5	10	-	43	224	289	1.1	58.667	GFL05-2M □□□080C32	E84DVB□1524S□1N2G	302
2.5	10	-	43	224	289	2.8	58.667	GFL07-2M □□□080C32	E84DVB□1524S□1N2G	302
2.4	10	-	42	227	293	2.0	59.481	GFL06-2M □□□080C32	E84DVB□1524S□1N2G	302
2.3	9.5	-	40	241	311	0.9	63.190	GFL05-2M □□□080C32	E84DVB□1524S□1N2G	302
2.3	9.5	-	40	241	311	2.4	63.190	GFL07-2M □□□080C32	E84DVB□1524S□1N2G	302
2.3	9.4	-	39	244	316	1.7	64.080	GFL06-2M □□□080C32	E84DVB□1524S□1N2G	302
2.2	9.2	-	39	245	317	2.8	65.306	GFL07-3M □□□080C32	E84DVB□1524S□1N2G	310
2.2	9.1	-	38	249	321	1.5	66.213	GFL06-3M □□□080C32	E84DVB□1524S□1N2G	310
2.0	8.4	-	35	271	351	0.9	71.200	GFL05-2M □□□080C32	E84DVB□1524S□1N2G	302



87 Hz: P_N = 1.35 kW

n_{22} / n_2 = 1 ... 17.4

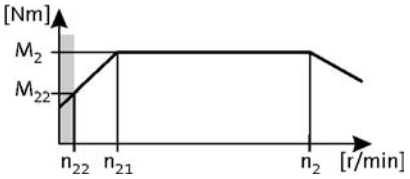
n_1 = 144.8 ... 2520 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
2.0	8.3	-	35	270	350	1.4	72.000	GFL06-3M □□□080C32	E84DVB□1524S□1N2G	310
2.0	8.3	-	35	275	356	1.7	72.189	GFL06-2M □□□080C32	E84DVB□1524S□1N2G	302
2.0	8.4	-	35	271	351	2.5	71.200	GFL07-2M □□□080C32	E84DVB□1524S□1N2G	302
2.0	8.3	-	35	272	352	2.5	72.452	GFL07-3M □□□080C32	E84DVB□1524S□1N2G	310
1.8	7.5	-	32	304	394	2.0	79.875	GFL07-2M □□□080C32	E84DVB□1524S□1N2G	302
1.8	7.4	-	31	309	399	1.1	81.000	GFL06-2M □□□080C32	E84DVB□1524S□1N2G	302
1.8	7.4	-	31	304	394	1.3	81.111	GFL06-3M □□□080C32	E84DVB□1524S□1N2G	310
1.8	7.4	-	31	306	396	2.5	81.636	GFL07-3M □□□080C32	E84DVB□1524S□1N2G	310
1.6	6.8	-	29	331	428	1.1	88.200	GFL06-3M □□□080C32	E84DVB□1524S□1N2G	310
1.6	6.6	-	28	348	450	1.1	91.250	GFL06-2M □□□080C32	E84DVB□1524S□1N2G	302
1.6	6.7	-	28	343	444	2.0	90.000	GFL07-2M □□□080C32	E84DVB□1524S□1N2G	302
1.6	6.5	-	27	347	449	2.1	92.413	GFL07-3M □□□080C32	E84DVB□1524S□1N2G	310
1.5	6.0	-	25	373	482	1.1	99.361	GFL06-3M □□□080C32	E84DVB□1524S□1N2G	310
1.4	5.8	-	24	391	506	2.1	104.127	GFL07-3M □□□080C32	E84DVB□1524S□1N2G	310
1.2	5.2	-	22	438	566	0.9	116.571	GFL06-3M □□□080C32	E84DVB□1524S□1N2G	310
1.3	5.3	-	22	425	550	1.9	113.206	GFL07-3M □□□080C32	E84DVB□1524S□1N2G	310
1.1	4.7	-	20	479	619	1.9	127.556	GFL07-3M □□□080C32	E84DVB□1524S□1N2G	310
1.1	4.6	-	19	493	638	0.9	131.323	GFL06-3M □□□080C32	E84DVB□1524S□1N2G	310
1.0	4.1	-	17	553	715	1.6	147.347	GFL07-3M □□□080C32	E84DVB□1524S□1N2G	310
1.0	4.0	-	17	559	722	2.8	148.815	GFL09-3M □□□080C32	E84DVB□1524S□1N2G	310
0.9	3.6	-	15	623	806	1.6	166.025	GFL07-3M □□□080C32	E84DVB□1524S□1N2G	310
0.9	3.6	-	15	629	814	2.8	167.712	GFL09-3M □□□080C32	E84DVB□1524S□1N2G	310
0.8	3.3	-	14	688	890	1.4	183.285	GFL07-3M □□□080C32	E84DVB□1524S□1N2G	310
0.8	3.2	-	14	695	899	2.5	185.111	GFL09-3M □□□080C32	E84DVB□1524S□1N2G	310
0.7	2.9	-	12	775	1003	1.2	206.519	GFL07-3M □□□080C32	E84DVB□1524S□1N2G	310
0.7	2.9	-	12	783	1013	2.5	208.617	GFL09-3M □□□080C32	E84DVB□1524S□1N2G	310
0.6	2.7	-	11	843	1090	1.2	224.636	GFL07-3M □□□080C32	E84DVB□1524S□1N2G	310
0.6	2.7	-	11	844	1091	2.2	224.778	GFL09-3M □□□080C32	E84DVB□1524S□1N2G	310
0.6	2.4	-	10	950	1229	1.0	253.111	GFL07-3M □□□080C32	E84DVB□1524S□1N2G	310
0.6	2.4	-	10	951	1230	2.2	253.321	GFL09-3M □□□080C32	E84DVB□1524S□1N2G	310
0.5	2.1	-	8.7	1091	1411	1.0	290.706	GFL07-3M □□□080C32	E84DVB□1524S□1N2G	310
0.5	2.1	-	8.7	1092	1412	1.9	290.889	GFL09-3M □□□080C32	E84DVB□1524S□1N2G	310
0.4	1.8	-	7.7	1230	1591	1.9	327.827	GFL09-3M □□□080C32	E84DVB□1524S□1N2G	310
0.4	1.7	-	7.1	1324	1713	0.8	352.811	GFL07-3M □□□080C32	E84DVB□1524S□1N2G	310
0.4	1.7	-	7.1	1325	1714	1.6	353.033	GFL09-3M □□□080C32	E84DVB□1524S□1N2G	310
0.4	1.7	-	7.0	1344	1738	2.5	358.077	GFL11-3M □□□080C32	E84DVB□1524S□1N2G	310
0.4	1.5	-	6.3	1493	1931	1.6	397.863	GFL09-3M □□□080C32	E84DVB□1524S□1N2G	310
0.4	1.5	-	6.3	1514	1959	2.5	403.467	GFL11-3M □□□080C32	E84DVB□1524S□1N2G	310
0.3	1.4	-	5.9	1592	2059	1.3	424.247	GFL09-3M □□□080C32	E84DVB□1524S□1N2G	310
0.3	1.4	-	5.9	1615	2088	2.9	430.222	GFL11-3M □□□080C32	E84DVB□1524S□1N2G	310
0.3	1.2	-	4.9	1932	2499	1.1	514.881	GFL09-3M □□□080C32	E84DVB□1524S□1N2G	310

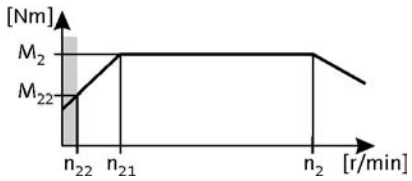
87 Hz: P_N = 1.35 kW

n_{22} / n_2 = 1 ... 17.4

n_1 = 144.8 ... 2520 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
0.3	1.2	-	4.8	1960	2535	2.3	522.133	GFL11-3M □□□080C32	E84DVB□1524S□1N2G	310
0.3	1.1	-	4.5	2111	2730	2.0	562.391	GFL11-3M □□□080C32	E84DVB□1524S□1N2G	310
0.2	1.0	-	4.0	2378	3076	1.9	633.680	GFL11-3M □□□080C32	E84DVB□1524S□1N2G	310
0.2	0.8	-	3.2	3006	3888	1.5	801.000	GFL11-3M □□□080C32	E84DVB□1524S□1N2G	310



87 Hz: P_N = 2.00 kW

n_{22} / n_2 = 1 ... 17.4

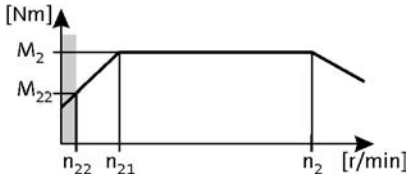
n_1 = 143.7 ... 2500 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
39	246	-	683	16	27	3.4	3.659	GFL04-2M □□□080C42	E84DVB□2224S□1N2G	302
31	197	-	547	19	34	3.8	4.571	GFL05-2M □□□080C42	E84DVB□2224S□1N2G	302
29	179	-	498	21	37	2.6	5.018	GFL04-2M □□□080C42	E84DVB□2224S□1N2G	302
25	154	-	429	25	43	3.0	5.833	GFL04-2M □□□080C42	E84DVB□2224S□1N2G	302
22	140	-	389	27	47	2.0	6.422	GFL04-2M □□□080C42	E84DVB□2224S□1N2G	302
21	128	-	356	30	52	1.9	7.025	GFL04-2M □□□080C42	E84DVB□2224S□1N2G	302
17	107	-	298	36	61	2.5	8.379	GFL04-2M □□□080C42	E84DVB□2224S□1N2G	302
15	96	-	268	40	68	2.0	9.333	GFL04-2M □□□080C42	E84DVB□2224S□1N2G	302
14	88	-	244	43	75	1.8	10.238	GFL04-2M □□□080C42	E84DVB□2224S□1N2G	302
13	78	-	218	49	84	1.8	11.491	GFL04-2M □□□080C42	E84DVB□2224S□1N2G	302
11	70	-	195	54	94	1.5	12.800	GFL04-2M □□□080C42	E84DVB□2224S□1N2G	302
11	70	-	195	54	94	2.6	12.800	GFL05-2M □□□080C42	E84DVB□2224S□1N2G	302
9.9	62	-	172	62	107	2.4	14.538	GFL05-2M □□□080C42	E84DVB□2224S□1N2G	302
9.8	61	-	170	62	108	1.4	14.706	GFL04-2M □□□080C42	E84DVB□2224S□1N2G	302
9.0	57	-	157	68	117	2.2	15.904	GFL05-2M □□□080C42	E84DVB□2224S□1N2G	302
8.9	56	-	155	68	118	1.3	16.087	GFL04-2M □□□080C42	E84DVB□2224S□1N2G	302
8.0	50	-	140	76	131	1.1	17.920	GFL04-2M □□□080C42	E84DVB□2224S□1N2G	302
8.0	50	-	140	76	131	2.0	17.920	GFL05-2M □□□080C42	E84DVB□2224S□1N2G	302
7.1	44	-	123	86	149	1.9	20.286	GFL05-2M □□□080C42	E84DVB□2224S□1N2G	302
7.0	44	-	122	87	150	1.0	20.519	GFL04-2M □□□080C42	E84DVB□2224S□1N2G	302
6.3	39	-	109	97	168	0.8	22.857	GFL04-2M □□□080C42	E84DVB□2224S□1N2G	302
6.3	39	-	109	97	168	1.6	22.857	GFL05-2M □□□080C42	E84DVB□2224S□1N2G	302
5.8	36	-	101	105	182	1.8	24.850	GFL05-2M □□□080C42	E84DVB□2224S□1N2G	302
5.7	36	-	100	107	184	1.0	25.136	GFL04-2M □□□080C42	E84DVB□2224S□1N2G	302
5.1	32	-	89	119	205	1.5	28.000	GFL05-2M □□□080C42	E84DVB□2224S□1N2G	302
5.1	32	-	88	120	208	2.8	28.389	GFL06-2M □□□080C42	E84DVB□2224S□1N2G	302
4.4	28	-	77	137	237	1.4	32.344	GFL05-2M □□□080C42	E84DVB□2224S□1N2G	302
4.4	27	-	76	139	241	2.6	32.800	GFL06-2M □□□080C42	E84DVB□2224S□1N2G	302
3.9	25	-	69	155	267	1.1	36.444	GFL05-2M □□□080C42	E84DVB□2224S□1N2G	302
3.9	24	-	68	157	271	2.2	36.951	GFL06-2M □□□080C42	E84DVB□2224S□1N2G	302
3.6	23	-	63	168	291	3.0	39.642	GFL07-2M □□□080C42	E84DVB□2224S□1N2G	302
3.6	22	-	62	171	295	1.1	40.233	GFL05-2M □□□080C42	E84DVB□2224S□1N2G	302
3.5	22	-	61	173	299	2.1	40.800	GFL06-2M □□□080C42	E84DVB□2224S□1N2G	302
3.2	20	-	56	190	328	3.0	44.667	GFL07-2M □□□080C42	E84DVB□2224S□1N2G	302
3.2	20	-	55	192	332	0.9	45.333	GFL05-2M □□□080C42	E84DVB□2224S□1N2G	302
3.1	20	-	54	195	337	1.7	45.963	GFL06-2M □□□080C42	E84DVB□2224S□1N2G	302
2.8	17	-	48	221	382	2.8	52.067	GFL07-2M □□□080C42	E84DVB□2224S□1N2G	302
2.7	17	-	47	224	387	1.6	52.800	GFL06-2M □□□080C42	E84DVB□2224S□1N2G	302
2.5	15	-	43	249	430	2.8	58.667	GFL07-2M □□□080C42	E84DVB□2224S□1N2G	302
2.4	15	-	42	252	436	1.4	59.481	GFL06-2M □□□080C42	E84DVB□2224S□1N2G	302
2.3	14	-	40	268	463	2.2	63.190	GFL07-2M □□□080C42	E84DVB□2224S□1N2G	302

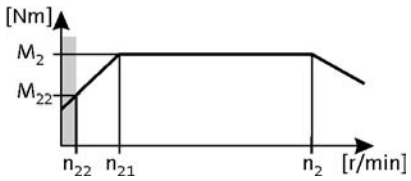
87 Hz: P_N = 2.00 kW

n_{22} / n_2 = 1 ... 17.4

n_1 = 143.7 ... 2500 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
2.2	14	-	39	272	470	1.2	64.080	GFL06-2M □□□080C42	E84DVB□2224S□1N2G	302
2.2	14	-	38	277	478	1.0	66.213	GFL06-3M □□□080C42	E84DVB□2224S□1N2G	310
2.2	14	-	38	273	472	1.9	65.306	GFL07-3M □□□080C42	E84DVB□2224S□1N2G	310
2.0	13	-	35	301	520	1.0	72.000	GFL06-3M □□□080C42	E84DVB□2224S□1N2G	310
2.0	13	-	35	306	529	1.2	72.189	GFL06-2M □□□080C42	E84DVB□2224S□1N2G	302
2.0	12	-	35	303	523	1.7	72.452	GFL07-3M □□□080C42	E84DVB□2224S□1N2G	310
2.0	13	-	35	302	522	2.3	71.200	GFL07-2M □□□080C42	E84DVB□2224S□1N2G	302
2.0	12	-	34	306	529	2.9	73.173	GFL09-3M □□□080C42	E84DVB□2224S□1N2G	310
1.8	11	-	31	339	586	0.9	81.111	GFL06-3M □□□080C42	E84DVB□2224S□1N2G	310
1.8	11	-	31	339	586	1.4	79.875	GFL07-2M □□□080C42	E84DVB□2224S□1N2G	302
1.8	11	-	31	341	590	1.7	81.636	GFL07-3M □□□080C42	E84DVB□2224S□1N2G	310
1.7	11	-	30	345	596	2.9	82.465	GFL09-3M □□□080C42	E84DVB□2224S□1N2G	310
1.6	10	-	28	382	660	1.4	90.000	GFL07-2M □□□080C42	E84DVB□2224S□1N2G	302
1.6	9.7	-	27	386	667	1.4	92.413	GFL07-3M □□□080C42	E84DVB□2224S□1N2G	310
1.5	9.6	-	27	390	674	2.5	93.333	GFL09-3M □□□080C42	E84DVB□2224S□1N2G	310
1.4	8.6	-	24	435	752	1.4	104.127	GFL07-3M □□□080C42	E84DVB□2224S□1N2G	310
1.4	8.6	-	24	440	760	2.5	105.185	GFL09-3M □□□080C42	E84DVB□2224S□1N2G	310
1.3	8.0	-	22	473	818	1.3	113.206	GFL07-3M □□□080C42	E84DVB□2224S□1N2G	310
1.3	7.9	-	22	478	826	2.2	114.333	GFL09-3M □□□080C42	E84DVB□2224S□1N2G	310
1.1	7.1	-	20	533	921	1.3	127.556	GFL07-3M □□□080C42	E84DVB□2224S□1N2G	310
1.1	7.0	-	19	538	931	2.2	128.852	GFL09-3M □□□080C42	E84DVB□2224S□1N2G	310
1.0	6.1	-	17	616	1064	1.1	147.347	GFL07-3M □□□080C42	E84DVB□2224S□1N2G	310
1.0	6.1	-	17	622	1075	1.9	148.815	GFL09-3M □□□080C42	E84DVB□2224S□1N2G	310
0.9	5.4	-	15	694	1199	1.0	166.025	GFL07-3M □□□080C42	E84DVB□2224S□1N2G	310
0.9	5.4	-	15	701	1211	1.9	167.712	GFL09-3M □□□080C42	E84DVB□2224S□1N2G	310
0.8	4.9	-	14	766	1324	0.9	183.285	GFL07-3M □□□080C42	E84DVB□2224S□1N2G	310
0.8	4.9	-	14	774	1337	1.7	185.111	GFL09-3M □□□080C42	E84DVB□2224S□1N2G	310
0.8	4.9	-	14	764	1320	3.1	182.792	GFL11-3M □□□080C42	E84DVB□2224S□1N2G	310
0.7	4.4	-	12	863	1492	0.8	206.519	GFL07-3M □□□080C42	E84DVB□2224S□1N2G	310
0.7	4.3	-	12	872	1507	1.7	208.617	GFL09-3M □□□080C42	E84DVB□2224S□1N2G	310
0.7	4.4	-	12	861	1488	3.1	205.963	GFL11-3M □□□080C42	E84DVB□2224S□1N2G	310
0.6	4.0	-	11	939	1622	0.8	224.636	GFL07-3M □□□080C42	E84DVB□2224S□1N2G	310
0.6	4.0	-	11	939	1623	1.5	224.778	GFL09-3M □□□080C42	E84DVB□2224S□1N2G	310
0.6	4.0	-	11	939	1622	2.8	224.636	GFL11-3M □□□080C42	E84DVB□2224S□1N2G	310
0.6	3.6	-	9.9	1059	1830	1.5	253.321	GFL09-3M □□□080C42	E84DVB□2224S□1N2G	310
0.6	3.6	-	9.9	1058	1828	2.8	253.111	GFL11-3M □□□080C42	E84DVB□2224S□1N2G	310
0.5	3.4	-	9.4	1117	1930	2.7	267.259	GFL11-3M □□□080C42	E84DVB□2224S□1N2G	310
0.5	3.1	-	8.6	1216	2101	1.3	290.889	GFL09-3M □□□080C42	E84DVB□2224S□1N2G	310
0.4	2.8	-	7.6	1370	2368	1.3	327.827	GFL09-3M □□□080C42	E84DVB□2224S□1N2G	310
0.4	2.8	-	7.6	1369	2366	2.3	327.556	GFL11-3M □□□080C42	E84DVB□2224S□1N2G	310
0.4	2.6	-	7.1	1475	2550	1.1	353.033	GFL09-3M □□□080C42	E84DVB□2224S□1N2G	310



87 Hz: P_N = 2.00 kW

n_{22} / n_2 = 1 ... 17.4

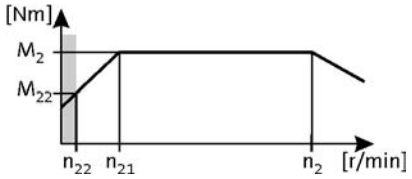
n_1 = 143.7 ... 2500 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
0.4	2.5	-	7.0	1496	2586	2.0	358.077	GFL11-3M □□□080C42	E84DVB□2224S□1N2G	310
0.4	2.3	-	6.3	1663	2873	1.1	397.863	GFL09-3M □□□080C42	E84DVB□2224S□1N2G	310
0.4	2.2	-	6.2	1686	2914	2.0	403.467	GFL11-3M □□□080C42	E84DVB□2224S□1N2G	310
0.3	2.1	-	5.9	1773	3064	0.9	424.247	GFL09-3M □□□080C42	E84DVB□2224S□1N2G	310
0.3	2.1	-	5.8	1798	3107	1.9	430.222	GFL11-3M □□□080C42	E84DVB□2224S□1N2G	310
0.3	1.7	-	4.8	2182	3771	1.6	522.133	GFL11-3M □□□080C42	E84DVB□2224S□1N2G	310
0.3	1.6	-	4.5	2350	4062	1.3	562.391	GFL11-3M □□□080C42	E84DVB□2224S□1N2G	310
0.2	1.4	-	4.0	2648	4576	1.3	633.680	GFL11-3M □□□080C42	E84DVB□2224S□1N2G	310
0.2	1.1	-	3.1	3347	5785	1.0	801.000	GFL11-3M □□□080C42	E84DVB□2224S□1N2G	310

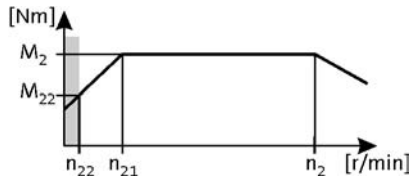
87 Hz: P_N = 2.70 kW

n_{22} / n_2 = 1 ... 17.4

n_1 = 144.8 ... 2520 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
40	164	-	685	26	37	2.5	3.659	GFL04-2M □□□090C32	E84DVB□3024S□1N2G	306
32	131	-	548	32	46	3.2	4.571	GFL05-2M □□□090C32	E84DVB□3024S□1N2G	302
29	120	-	499	35	50	1.9	5.018	GFL04-2M □□□090C32	E84DVB□3024S□1N2G	306
25	103	-	429	41	58	2.2	5.833	GFL04-2M □□□090C32	E84DVB□3024S□1N2G	306
23	94	-	391	45	64	2.3	6.400	GFL05-2M □□□090C32	E84DVB□3024S□1N2G	302
23	93	-	390	45	64	1.5	6.422	GFL04-2M □□□090C32	E84DVB□3024S□1N2G	306
21	85	-	357	49	70	1.4	7.025	GFL04-2M □□□090C32	E84DVB□3024S□1N2G	306
17	72	-	299	59	84	1.8	8.379	GFL04-2M □□□090C32	E84DVB□3024S□1N2G	306
16	67	-	278	63	90	2.5	9.010	GFL05-2M □□□090C32	E84DVB□3024S□1N2G	302
16	64	-	268	65	93	1.5	9.333	GFL04-2M □□□090C32	E84DVB□3024S□1N2G	306
15	60	-	252	70	99	2.3	9.946	GFL05-2M □□□090C32	E84DVB□3024S□1N2G	302
14	59	-	245	72	102	1.3	10.238	GFL04-2M □□□090C32	E84DVB□3024S□1N2G	306
13	53	-	221	80	113	2.1	11.360	GFL05-2M □□□090C32	E84DVB□3024S□1N2G	302
13	52	-	218	80	115	1.3	11.491	GFL04-2M □□□090C32	E84DVB□3024S□1N2G	306
11	47	-	196	90	128	1.1	12.800	GFL04-2M □□□090C32	E84DVB□3024S□1N2G	306
11	47	-	196	90	128	1.9	12.800	GFL05-2M □□□090C32	E84DVB□3024S□1N2G	302
10	41	-	172	102	145	1.8	14.538	GFL05-2M □□□090C32	E84DVB□3024S□1N2G	302
9.9	41	-	170	103	147	1.1	14.706	GFL04-2M □□□090C32	E84DVB□3024S□1N2G	306
9.1	38	-	158	111	158	1.7	15.904	GFL05-2M □□□090C32	E84DVB□3024S□1N2G	302
9.0	37	-	156	113	160	1.0	16.087	GFL04-2M □□□090C32	E84DVB□3024S□1N2G	306
8.1	34	-	140	125	179	1.5	17.920	GFL05-2M □□□090C32	E84DVB□3024S□1N2G	302
7.1	30	-	124	142	202	1.4	20.286	GFL05-2M □□□090C32	E84DVB□3024S□1N2G	302
7.0	29	-	122	144	205	2.7	20.571	GFL06-2M □□□090C32	E84DVB□3024S□1N2G	302
6.3	26	-	110	160	228	1.2	22.857	GFL05-2M □□□090C32	E84DVB□3024S□1N2G	302
6.3	26	-	108	162	231	2.2	23.175	GFL06-2M □□□090C32	E84DVB□3024S□1N2G	302
5.8	24	-	101	174	248	1.3	24.850	GFL05-2M □□□090C32	E84DVB□3024S□1N2G	302
5.8	24	-	99	176	251	2.5	25.200	GFL06-2M □□□090C32	E84DVB□3024S□1N2G	302
5.2	21	-	90	196	279	1.1	28.000	GFL05-2M □□□090C32	E84DVB□3024S□1N2G	302
5.1	21	-	88	199	283	2.1	28.389	GFL06-2M □□□090C32	E84DVB□3024S□1N2G	302
4.5	19	-	77	226	322	1.0	32.344	GFL05-2M □□□090C32	E84DVB□3024S□1N2G	302
4.4	18	-	76	229	327	1.9	32.800	GFL06-2M □□□090C32	E84DVB□3024S□1N2G	302
4.0	17	-	69	255	363	0.8	36.444	GFL05-2M □□□090C32	E84DVB□3024S□1N2G	302
3.9	16	-	68	259	368	1.6	36.951	GFL06-2M □□□090C32	E84DVB□3024S□1N2G	302
3.7	15	-	63	277	395	2.7	39.642	GFL07-2M □□□090C32	E84DVB□3024S□1N2G	302
3.6	15	-	62	281	401	0.8	40.233	GFL05-2M □□□090C32	E84DVB□3024S□1N2G	302
3.6	15	-	61	285	407	1.6	40.800	GFL06-2M □□□090C32	E84DVB□3024S□1N2G	302
3.2	13	-	56	313	445	2.7	44.667	GFL07-2M □□□090C32	E84DVB□3024S□1N2G	302
3.2	13	-	55	322	458	1.3	45.963	GFL06-2M □□□090C32	E84DVB□3024S□1N2G	302
2.8	12	-	49	359	511	2.7	51.333	GFL09-2M □□□090C32	E84DVB□3024S□1N2G	302
2.8	12	-	48	364	519	2.3	52.067	GFL07-2M □□□090C32	E84DVB□3024S□1N2G	302
2.7	11	-	47	369	526	1.2	52.800	GFL06-2M □□□090C32	E84DVB□3024S□1N2G	302



87 Hz: P_N = 2.70 kW

n_{22} / n_2 = 1 ... 17.4

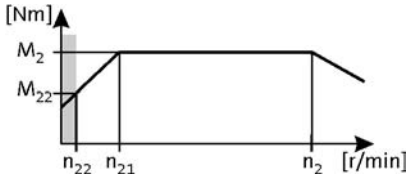
n_1 = 144.8 ... 2520 r/min

n_{22}	n_{21}		n_2	M_{22}	M_2	c	i			
[r/min]	[r/min]		[r/min]	[Nm]	[Nm]					
2.5	10	-	43	410	585	2.1	58.667	GFL07-2M □□□090C32	E84DVB□3024S□1N2G	302
2.5	10	-	43	405	576	2.7	57.852	GFL09-2M □□□090C32	E84DVB□3024S□1N2G	302
2.4	10	-	42	416	593	1.0	59.481	GFL06-2M □□□090C32	E84DVB□3024S□1N2G	302
2.3	9.5	-	40	442	630	1.9	63.190	GFL07-2M □□□090C32	E84DVB□3024S□1N2G	302
2.3	9.5	-	40	436	621	2.3	63.326	GFL09-3M □□□090C32	E84DVB□3024S□1N2G	310
2.3	9.6	-	40	436	621	2.4	62.300	GFL09-2M □□□090C32	E84DVB□3024S□1N2G	302
2.3	9.4	-	39	448	638	0.9	64.080	GFL06-2M □□□090C32	E84DVB□3024S□1N2G	302
2.2	9.2	-	38	450	641	1.4	65.306	GFL07-3M □□□090C32	E84DVB□3024S□1N2G	310
2.1	8.6	-	36	491	700	2.5	70.211	GFL09-2M □□□090C32	E84DVB□3024S□1N2G	302
2.0	8.3	-	35	505	719	0.9	72.189	GFL06-2M □□□090C32	E84DVB□3024S□1N2G	302
2.0	8.3	-	35	499	711	1.2	72.452	GFL07-3M □□□090C32	E84DVB□3024S□1N2G	310
2.0	8.4	-	35	498	709	1.8	71.200	GFL07-2M □□□090C32	E84DVB□3024S□1N2G	302
2.0	8.2	-	34	504	718	2.1	73.173	GFL09-3M □□□090C32	E84DVB□3024S□1N2G	310
1.8	7.6	-	32	551	785	1.9	78.750	GFL09-2M □□□090C32	E84DVB□3024S□1N2G	302
1.8	7.5	-	31	559	796	1.1	79.875	GFL07-2M □□□090C32	E84DVB□3024S□1N2G	302
1.8	7.4	-	31	563	801	1.2	81.636	GFL07-3M □□□090C32	E84DVB□3024S□1N2G	310
1.8	7.3	-	30	568	809	2.1	82.465	GFL09-3M □□□090C32	E84DVB□3024S□1N2G	310
1.6	6.7	-	28	630	897	1.0	90.000	GFL07-2M □□□090C32	E84DVB□3024S□1N2G	302
1.6	6.8	-	28	621	884	1.9	88.750	GFL09-2M □□□090C32	E84DVB□3024S□1N2G	302
1.6	6.5	-	27	637	907	1.1	92.413	GFL07-3M □□□090C32	E84DVB□3024S□1N2G	310
1.6	6.4	-	27	643	916	1.9	93.333	GFL09-3M □□□090C32	E84DVB□3024S□1N2G	310
1.4	5.8	-	24	718	1022	1.1	104.127	GFL07-3M □□□090C32	E84DVB□3024S□1N2G	310
1.4	5.7	-	24	725	1032	1.9	105.185	GFL09-3M □□□090C32	E84DVB□3024S□1N2G	310
1.3	5.3	-	22	780	1111	0.9	113.206	GFL07-3M □□□090C32	E84DVB□3024S□1N2G	310
1.3	5.3	-	22	788	1122	1.7	114.333	GFL09-3M □□□090C32	E84DVB□3024S□1N2G	310
1.1	4.7	-	20	879	1252	0.9	127.556	GFL07-3M □□□090C32	E84DVB□3024S□1N2G	310
1.1	4.7	-	19	888	1264	1.7	128.852	GFL09-3M □□□090C32	E84DVB□3024S□1N2G	310
1.0	4.0	-	17	1025	1460	1.4	148.815	GFL09-3M □□□090C32	E84DVB□3024S□1N2G	310
1.0	4.0	-	17	1028	1464	2.7	149.144	GFL11-3M □□□090C32	E84DVB□3024S□1N2G	310
0.9	3.6	-	15	1156	1646	1.4	167.712	GFL09-3M □□□090C32	E84DVB□3024S□1N2G	310
0.9	3.6	-	15	1158	1649	2.7	168.049	GFL11-3M □□□090C32	E84DVB□3024S□1N2G	310
0.8	3.2	-	14	1276	1817	1.2	185.111	GFL09-3M □□□090C32	E84DVB□3024S□1N2G	310
0.8	3.3	-	14	1260	1794	2.4	182.792	GFL11-3M □□□090C32	E84DVB□3024S□1N2G	310
0.7	2.9	-	12	1438	2047	1.2	208.617	GFL09-3M □□□090C32	E84DVB□3024S□1N2G	310
0.7	2.9	-	12	1419	2021	2.4	205.963	GFL11-3M □□□090C32	E84DVB□3024S□1N2G	310
0.7	3.0	-	12	1392	1983	2.8	202.074	GFL14-3M □□□090C32	E84DVB□3024S□1N2G	310
0.6	2.7	-	11	1549	2206	1.1	224.778	GFL09-3M □□□090C32	E84DVB□3024S□1N2G	310
0.6	2.7	-	11	1548	2204	2.1	224.636	GFL11-3M □□□090C32	E84DVB□3024S□1N2G	310
0.6	2.4	-	9.9	1746	2486	1.1	253.321	GFL09-3M □□□090C32	E84DVB□3024S□1N2G	310
0.6	2.4	-	9.9	1744	2484	2.1	253.111	GFL11-3M □□□090C32	E84DVB□3024S□1N2G	310
0.5	2.3	-	9.4	1842	2623	2.0	267.259	GFL11-3M □□□090C32	E84DVB□3024S□1N2G	310

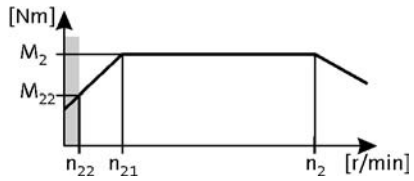
87 Hz: P_N = 2.70 kW

n_{22} / n_2 = 1 ... 17.4

n_1 = 144.8 ... 2520 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
0.5	2.1	-	8.6	2004	2855	0.9	290.889	GFL09-3M □□□090C32	E84DVB□3024S□1N2G	310
0.4	1.8	-	7.7	2257	3214	1.7	327.556	GFL11-3M □□□090C32	E84DVB□3024S□1N2G	310
0.4	1.8	-	7.6	2259	3217	0.9	327.827	GFL09-3M □□□090C32	E84DVB□3024S□1N2G	310
0.4	1.7	-	7.1	2433	3464	0.8	353.033	GFL09-3M □□□090C32	E84DVB□3024S□1N2G	310
0.4	1.7	-	7.1	2431	3462	2.5	352.811	GFL14-3M □□□090C32	E84DVB□3024S□1N2G	310
0.4	1.7	-	7.0	2467	3514	1.5	358.077	GFL11-3M □□□090C32	E84DVB□3024S□1N2G	310
0.4	1.5	-	6.3	2741	3904	0.8	397.863	GFL09-3M □□□090C32	E84DVB□3024S□1N2G	310
0.4	1.5	-	6.3	2739	3901	2.5	397.533	GFL14-3M □□□090C32	E84DVB□3024S□1N2G	310
0.4	1.5	-	6.2	2780	3959	1.5	403.467	GFL11-3M □□□090C32	E84DVB□3024S□1N2G	310
0.3	1.4	-	5.8	2964	4222	1.4	430.222	GFL11-3M □□□090C32	E84DVB□3024S□1N2G	310
0.3	1.4	-	5.8	2964	4222	2.5	430.222	GFL14-3M □□□090C32	E84DVB□3024S□1N2G	310
0.3	1.2	-	4.8	3598	5124	1.2	522.133	GFL11-3M □□□090C32	E84DVB□3024S□1N2G	310
0.3	1.2	-	4.8	3598	5124	2.1	522.133	GFL14-3M □□□090C32	E84DVB□3024S□1N2G	310
0.3	1.1	-	4.5	3875	5519	1.0	562.391	GFL11-3M □□□090C32	E84DVB□3024S□1N2G	310
0.3	1.1	-	4.5	3875	5519	1.6	562.391	GFL14-3M □□□090C32	E84DVB□3024S□1N2G	310
0.2	1.0	-	4.0	4366	6218	0.9	633.680	GFL11-3M □□□090C32	E84DVB□3024S□1N2G	310
0.2	1.0	-	4.0	4366	6218	1.6	633.680	GFL14-3M □□□090C32	E84DVB□3024S□1N2G	310
0.2	0.8	-	3.1	5519	7860	1.3	801.000	GFL14-3M □□□090C32	E84DVB□3024S□1N2G	310



120 Hz: P_N = 0.55 kW

n_{22} / n_2 = 1 ... 24.0

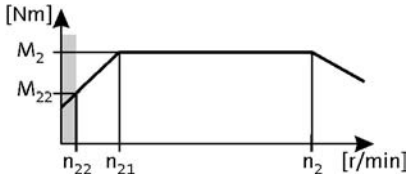
n_1 = 143.3 ... 3440 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
22	94	-	538	7.2	10	3.9	6.400	GFL05-2M□□□063C32	E84DVB□5514S□1N2G	318
20	85	-	490	7.9	10	4.5	7.025	GFL04-2M□□□063C32	E84DVB□5514S□1N2G	318
14	59	-	336	12	15	4.5	10.238	GFL04-2M□□□063C32	E84DVB□5514S□1N2G	318
9.8	41	-	234	17	22	4.5	14.706	GFL04-2M□□□063C32	E84DVB□5514S□1N2G	318
9.0	38	-	216	18	24	3.9	15.904	GFL05-2M□□□063C32	E84DVB□5514S□1N2G	318
8.0	34	-	192	20	27	3.9	17.920	GFL05-2M□□□063C32	E84DVB□5514S□1N2G	318
7.0	29	-	168	23	30	4.1	20.519	GFL04-2M□□□063C32	E84DVB□5514S□1N2G	318
6.3	26	-	151	26	34	3.7	22.857	GFL04-2M□□□063C32	E84DVB□5514S□1N2G	318
5.7	24	-	137	28	37	4.2	25.136	GFL04-2M□□□063C32	E84DVB□5514S□1N2G	318
5.1	21	-	123	31	42	3.5	28.000	GFL04-2M□□□063C32	E84DVB□5514S□1N2G	318
4.5	19	-	109	35	47	3.4	31.600	GFL04-2M□□□063C32	E84DVB□5514S□1N2G	318
4.1	17	-	98	40	52	2.8	35.200	GFL04-2M□□□063C32	E84DVB□5514S□1N2G	318
3.5	15	-	85	46	60	2.7	40.697	GFL04-2M□□□063C32	E84DVB□5514S□1N2G	318
3.2	13	-	76	51	67	2.2	45.333	GFL04-2M□□□063C32	E84DVB□5514S□1N2G	318
2.8	12	-	67	58	76	2.1	51.579	GFL04-2M□□□063C32	E84DVB□5514S□1N2G	318
2.8	12	-	66	58	77	3.2	52.067	GFL05-2M□□□063C32	E84DVB□5514S□1N2G	318
2.5	10	-	60	64	85	1.8	57.455	GFL04-2M□□□063C32	E84DVB□5514S□1N2G	318
2.4	10	-	59	66	87	3.2	58.667	GFL05-2M□□□063C32	E84DVB□5514S□1N2G	318
2.3	9.7	-	56	68	90	2.0	61.653	GFL05-3M□□□063C32	E84DVB□5514S□1N2G	326
2.3	9.5	-	54	71	94	2.6	63.190	GFL05-2M□□□063C32	E84DVB□5514S□1N2G	318
2.2	9.3	-	53	73	96	1.2	64.636	GFL04-2M□□□063C32	E84DVB□5514S□1N2G	318
2.0	8.3	-	48	81	107	1.3	72.000	GFL04-2M□□□063C32	E84DVB□5514S□1N2G	318
2.0	8.4	-	48	80	106	2.8	71.200	GFL05-2M□□□063C32	E84DVB□5514S□1N2G	318
1.8	7.6	-	44	87	115	1.9	78.639	GFL05-3M□□□063C32	E84DVB□5514S□1N2G	326
1.8	7.4	-	43	91	120	1.5	80.763	GFL05-2M□□□063C32	E84DVB□5514S□1N2G	318
1.6	6.6	-	38	102	135	1.5	91.000	GFL05-2M□□□063C32	E84DVB□5514S□1N2G	318
1.6	6.7	-	38	100	132	2.2	90.123	GFL05-3M□□□063C32	E84DVB□5514S□1N2G	326
1.4	5.9	-	34	112	148	2.1	101.547	GFL05-3M□□□063C32	E84DVB□5514S□1N2G	326
1.3	5.2	-	30	127	168	1.9	114.952	GFL05-3M□□□063C32	E84DVB□5514S□1N2G	326
1.2	5.2	-	30	129	170	3.0	116.571	GFL06-3M□□□063C32	E84DVB□5514S□1N2G	326
1.1	4.6	-	27	143	189	1.7	129.524	GFL05-3M□□□063C32	E84DVB□5514S□1N2G	326
1.1	4.6	-	26	145	192	3.0	131.323	GFL06-3M□□□063C32	E84DVB□5514S□1N2G	326
1.0	4.3	-	24	156	206	1.6	140.817	GFL05-3M□□□063C32	E84DVB□5514S□1N2G	326
1.0	4.2	-	24	159	211	2.5	144.320	GFL06-3M□□□063C32	E84DVB□5514S□1N2G	326
0.9	3.8	-	22	175	232	1.4	158.667	GFL05-3M□□□063C32	E84DVB□5514S□1N2G	326
0.9	3.7	-	21	180	237	2.5	162.583	GFL06-3M□□□063C32	E84DVB□5514S□1N2G	326
0.8	3.4	-	19	196	258	1.3	177.027	GFL05-3M□□□063C32	E84DVB□5514S□1N2G	326
0.8	3.3	-	19	198	262	2.2	179.520	GFL06-3M□□□063C32	E84DVB□5514S□1N2G	326
0.7	3.0	-	17	220	291	1.1	199.467	GFL05-3M□□□063C32	E84DVB□5514S□1N2G	326
0.7	3.0	-	17	223	295	2.0	202.237	GFL06-3M□□□063C32	E84DVB□5514S□1N2G	326
0.6	2.6	-	15	252	333	1.0	227.989	GFL05-3M□□□063C32	E84DVB□5514S□1N2G	326

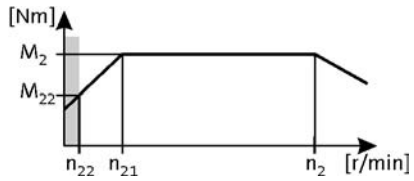
120 Hz: P_N = 0.55 kW

n_{22} / n_2 = 1 ... 24.0

n_1 = 143.3 ... 3440 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
0.6	2.6	-	15	255	337	1.8	231.200	GFL06-3M□□□063C32	E84DVB□5514S□1N2G	326
0.6	2.3	-	13	288	380	1.5	260.457	GFL06-3M□□□063C32	E84DVB□5514S□1N2G	326
0.5	2.0	-	12	330	437	1.3	299.200	GFL06-3M□□□063C32	E84DVB□5514S□1N2G	326
0.5	2.1	-	12	324	428	1.5	293.018	GFL06-3M□□□063C32	E84DVB□5514S□1N2G	326
0.5	2.1	-	12	321	424	3.1	290.706	GFL07-3M□□□063C32	E84DVB□5514S□1N2G	326
0.4	1.8	-	11	362	478	2.5	327.556	GFL07-3M□□□063C32	E84DVB□5514S□1N2G	326
0.4	1.7	-	9.8	390	515	2.6	352.811	GFL07-3M□□□063C32	E84DVB□5514S□1N2G	326
0.4	1.6	-	9.4	406	536	1.2	367.200	GFL06-3M□□□063C32	E84DVB□5514S□1N2G	326
0.4	1.5	-	8.7	439	580	2.1	397.533	GFL07-3M□□□063C32	E84DVB□5514S□1N2G	326
0.4	1.5	-	8.3	457	604	1.0	413.667	GFL06-3M□□□063C32	E84DVB□5514S□1N2G	326
0.3	1.4	-	8.0	475	628	1.9	430.222	GFL07-3M□□□063C32	E84DVB□5514S□1N2G	326
0.3	1.3	-	7.2	525	693	0.9	475.200	GFL06-3M□□□063C32	E84DVB□5514S□1N2G	326
0.3	1.2	-	6.6	577	762	1.6	522.133	GFL07-3M□□□063C32	E84DVB□5514S□1N2G	326
0.3	1.1	-	6.1	621	821	1.3	562.391	GFL07-3M□□□063C32	E84DVB□5514S□1N2G	326
0.2	1.0	-	5.4	700	925	1.3	633.680	GFL07-3M□□□063C32	E84DVB□5514S□1N2G	326
0.2	0.8	-	4.8	794	1049	1.0	718.786	GFL07-3M□□□063C32	E84DVB□5514S□1N2G	326
0.2	0.7	-	4.3	894	1182	1.0	809.900	GFL07-3M□□□063C32	E84DVB□5514S□1N2G	326



120 Hz: P_N = 0.75 kW

n_{22} / n_2 = 1 ... 24.0

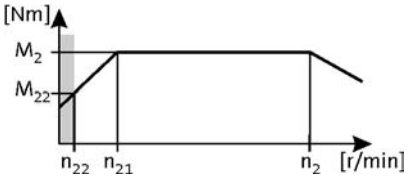
n_1 = 141.7 ... 3400 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
22	94	-	531	9.8	13	2.9	6.400	GFL05-2M□□□063C42	E84DVB□7514S□1N2G	318
20	85	-	484	11	14	3.3	7.025	GFL04-2M□□□063C42	E84DVB□7514S□1N2G	318
14	59	-	332	16	21	3.3	10.238	GFL04-2M□□□063C42	E84DVB□7514S□1N2G	318
9.6	41	-	231	23	30	3.3	14.706	GFL04-2M□□□063C42	E84DVB□7514S□1N2G	318
8.9	38	-	214	24	33	2.9	15.904	GFL05-2M□□□063C42	E84DVB□7514S□1N2G	318
7.9	34	-	190	27	37	2.9	17.920	GFL05-2M□□□063C42	E84DVB□7514S□1N2G	318
6.9	29	-	166	31	42	3.0	20.519	GFL04-2M□□□063C42	E84DVB□7514S□1N2G	318
6.2	26	-	149	35	47	2.7	22.857	GFL04-2M□□□063C42	E84DVB□7514S□1N2G	318
5.6	24	-	135	38	51	3.1	25.136	GFL04-2M□□□063C42	E84DVB□7514S□1N2G	318
5.1	21	-	121	43	57	2.5	28.000	GFL04-2M□□□063C42	E84DVB□7514S□1N2G	318
4.5	19	-	108	48	65	2.5	31.600	GFL04-2M□□□063C42	E84DVB□7514S□1N2G	318
4.4	19	-	105	49	66	3.1	32.344	GFL05-2M□□□063C42	E84DVB□7514S□1N2G	318
4.0	17	-	97	54	72	2.0	35.200	GFL04-2M□□□063C42	E84DVB□7514S□1N2G	318
3.9	17	-	93	56	75	3.1	36.444	GFL05-2M□□□063C42	E84DVB□7514S□1N2G	318
3.5	15	-	85	62	82	2.6	40.233	GFL05-2M□□□063C42	E84DVB□7514S□1N2G	318
3.5	15	-	84	62	83	1.9	40.697	GFL04-2M□□□063C42	E84DVB□7514S□1N2G	318
3.1	13	-	75	69	93	1.6	45.333	GFL04-2M□□□063C42	E84DVB□7514S□1N2G	318
3.1	13	-	75	69	93	2.6	45.333	GFL05-2M□□□063C42	E84DVB□7514S□1N2G	318
2.8	12	-	66	79	105	1.6	51.579	GFL04-2M□□□063C42	E84DVB□7514S□1N2G	318
2.7	12	-	65	80	106	2.3	52.067	GFL05-2M□□□063C42	E84DVB□7514S□1N2G	318
2.7	11	-	64	81	108	2.6	52.800	GFL06-2M□□□063C42	E84DVB□7514S□1N2G	318
2.5	10	-	59	88	117	1.3	57.455	GFL04-2M□□□063C42	E84DVB□7514S□1N2G	318
2.4	10	-	58	90	120	2.3	58.667	GFL05-2M□□□063C42	E84DVB□7514S□1N2G	318
2.4	10	-	57	91	122	2.6	59.481	GFL06-2M□□□063C42	E84DVB□7514S□1N2G	318
2.3	9.7	-	55	93	124	1.4	61.653	GFL05-3M□□□063C42	E84DVB□7514S□1N2G	326
2.2	9.5	-	54	97	129	1.9	63.190	GFL05-2M□□□063C42	E84DVB□7514S□1N2G	318
2.2	9.4	-	53	98	131	2.3	64.080	GFL06-2M□□□063C42	E84DVB□7514S□1N2G	318
2.0	8.4	-	48	109	146	2.0	71.200	GFL05-2M□□□063C42	E84DVB□7514S□1N2G	318
2.0	8.3	-	47	110	147	1.0	72.000	GFL04-2M□□□063C42	E84DVB□7514S□1N2G	318
2.0	8.3	-	47	110	148	2.5	72.189	GFL06-2M□□□063C42	E84DVB□7514S□1N2G	318
1.8	7.6	-	43	118	158	1.4	78.639	GFL05-3M□□□063C42	E84DVB□7514S□1N2G	326
1.8	7.4	-	42	124	165	1.1	80.763	GFL05-2M□□□063C42	E84DVB□7514S□1N2G	318
1.8	7.4	-	42	124	166	2.0	81.000	GFL06-2M□□□063C42	E84DVB□7514S□1N2G	318
1.8	7.4	-	42	122	163	2.9	81.111	GFL06-3M□□□063C42	E84DVB□7514S□1N2G	326
1.6	6.8	-	39	133	178	2.6	88.200	GFL06-3M□□□063C42	E84DVB□7514S□1N2G	326
1.6	6.7	-	38	136	181	1.6	90.123	GFL05-3M□□□063C42	E84DVB□7514S□1N2G	326
1.6	6.6	-	37	139	186	1.1	91.000	GFL05-2M□□□063C42	E84DVB□7514S□1N2G	318
1.6	6.6	-	37	140	187	2.0	91.250	GFL06-2M□□□063C42	E84DVB□7514S□1N2G	318
1.4	5.9	-	34	153	204	1.5	101.547	GFL05-3M□□□063C42	E84DVB□7514S□1N2G	326
1.4	6.0	-	34	150	200	2.6	99.361	GFL06-3M□□□063C42	E84DVB□7514S□1N2G	326
1.2	5.2	-	30	173	231	1.4	114.952	GFL05-3M□□□063C42	E84DVB□7514S□1N2G	326

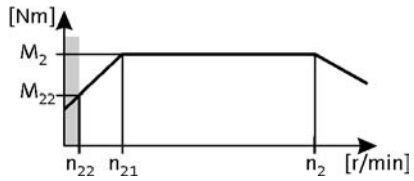
120 Hz: P_N = 0.75 kW

n_{22} / n_2 = 1 ... 24.0

n_1 = 141.7 ... 3400 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
1.2	5.2	-	29	176	235	2.2	116.571	GFL06-3M□□□063C42	E84DVB□7514S□1N2G	326
1.1	4.6	-	26	195	261	1.2	129.524	GFL05-3M□□□063C42	E84DVB□7514S□1N2G	326
1.1	4.6	-	26	198	264	2.2	131.323	GFL06-3M□□□063C42	E84DVB□7514S□1N2G	326
1.0	4.3	-	24	212	284	1.2	140.817	GFL05-3M□□□063C42	E84DVB□7514S□1N2G	326
1.0	4.2	-	24	217	291	1.8	144.320	GFL06-3M□□□063C42	E84DVB□7514S□1N2G	326
0.9	3.8	-	21	239	319	1.0	158.667	GFL05-3M□□□063C42	E84DVB□7514S□1N2G	326
0.9	3.7	-	21	245	327	1.8	162.583	GFL06-3M□□□063C42	E84DVB□7514S□1N2G	326
0.8	3.4	-	19	267	356	0.9	177.027	GFL05-3M□□□063C42	E84DVB□7514S□1N2G	326
0.8	3.3	-	19	270	361	1.6	179.520	GFL06-3M□□□063C42	E84DVB□7514S□1N2G	326
0.8	3.3	-	19	276	369	2.9	183.285	GFL07-3M□□□063C42	E84DVB□7514S□1N2G	326
0.7	3.0	-	17	305	407	1.4	202.237	GFL06-3M□□□063C42	E84DVB□7514S□1N2G	326
0.7	2.9	-	17	311	416	2.9	206.519	GFL07-3M□□□063C42	E84DVB□7514S□1N2G	326
0.6	2.6	-	15	348	465	1.3	231.200	GFL06-3M□□□063C42	E84DVB□7514S□1N2G	326
0.6	2.7	-	15	338	452	2.8	224.636	GFL07-3M□□□063C42	E84DVB□7514S□1N2G	326
0.5	2.3	-	13	392	524	1.1	260.457	GFL06-3M□□□063C42	E84DVB□7514S□1N2G	326
0.6	2.4	-	13	381	510	2.4	253.111	GFL07-3M□□□063C42	E84DVB□7514S□1N2G	326
0.5	2.1	-	12	441	590	1.1	293.018	GFL06-3M□□□063C42	E84DVB□7514S□1N2G	326
0.5	2.1	-	12	438	585	2.3	290.706	GFL07-3M□□□063C42	E84DVB□7514S□1N2G	326
0.5	2.1	-	12	438	586	2.9	290.889	GFL09-3M□□□063C42	E84DVB□7514S□1N2G	326
0.5	2.0	-	11	451	602	1.0	299.200	GFL06-3M□□□063C42	E84DVB□7514S□1N2G	326
0.4	1.8	-	10	493	659	1.8	327.556	GFL07-3M□□□063C42	E84DVB□7514S□1N2G	326
0.4	1.8	-	10	494	660	2.9	327.827	GFL09-3M□□□063C42	E84DVB□7514S□1N2G	326
0.4	1.7	-	9.6	531	710	1.9	352.811	GFL07-3M□□□063C42	E84DVB□7514S□1N2G	326
0.4	1.7	-	9.6	532	711	2.5	353.033	GFL09-3M□□□063C42	E84DVB□7514S□1N2G	326
0.4	1.5	-	8.6	599	800	1.5	397.533	GFL07-3M□□□063C42	E84DVB□7514S□1N2G	326
0.4	1.5	-	8.6	599	801	2.5	397.863	GFL09-3M□□□063C42	E84DVB□7514S□1N2G	326
0.3	1.4	-	8.0	639	854	2.9	424.247	GFL09-3M□□□063C42	E84DVB□7514S□1N2G	326
0.3	1.4	-	7.9	648	866	1.4	430.222	GFL07-3M□□□063C42	E84DVB□7514S□1N2G	326
0.3	1.2	-	6.6	775	1037	2.5	514.881	GFL09-3M□□□063C42	E84DVB□7514S□1N2G	326
0.3	1.2	-	6.5	786	1051	1.2	522.133	GFL07-3M□□□063C42	E84DVB□7514S□1N2G	326
0.3	1.1	-	6.1	847	1132	1.0	562.391	GFL07-3M□□□063C42	E84DVB□7514S□1N2G	326
0.3	1.1	-	6.1	835	1116	1.8	554.470	GFL09-3M□□□063C42	E84DVB□7514S□1N2G	326
0.2	1.0	-	5.4	954	1276	0.9	633.680	GFL07-3M□□□063C42	E84DVB□7514S□1N2G	326
0.2	1.0	-	5.4	941	1258	1.7	624.879	GFL09-3M□□□063C42	E84DVB□7514S□1N2G	326
0.2	0.9	-	4.9	1055	1411	1.4	700.875	GFL09-3M□□□063C42	E84DVB□7514S□1N2G	326
0.2	0.8	-	4.3	1190	1590	1.4	789.875	GFL09-3M□□□063C42	E84DVB□7514S□1N2G	326



120 Hz: P_N = 1.10 kW

n_{22} / n_2 = 1 ... 24.0

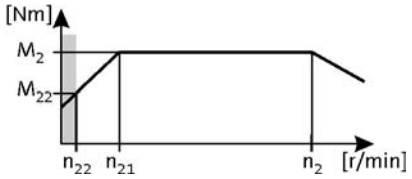
n_1 = 145.4 ... 3490 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
23	93	-	543	14	19	3.9	6.422	GFL04-2M□□□071C32	E84DVB□1124S□1N2G	318
21	85	-	497	16	21	3.9	7.025	GFL04-2M□□□071C32	E84DVB□1124S□1N2G	318
16	67	-	387	20	26	4.2	9.010	GFL05-2M□□□071C32	E84DVB□1124S□1N2G	318
14	59	-	341	23	30	3.9	10.238	GFL04-2M□□□071C32	E84DVB□1124S□1N2G	318
9.9	41	-	237	33	43	3.2	14.706	GFL04-2M□□□071C32	E84DVB□1124S□1N2G	318
9.0	37	-	217	36	47	2.9	16.087	GFL04-2M□□□071C32	E84DVB□1124S□1N2G	318
8.1	34	-	195	40	52	2.4	17.920	GFL04-2M□□□071C32	E84DVB□1124S□1N2G	318
7.1	29	-	170	46	60	2.3	20.519	GFL04-2M□□□071C32	E84DVB□1124S□1N2G	318
6.4	26	-	153	51	67	1.9	22.857	GFL04-2M□□□071C32	E84DVB□1124S□1N2G	318
5.8	24	-	139	56	73	2.1	25.136	GFL04-2M□□□071C32	E84DVB□1124S□1N2G	318
5.2	21	-	125	63	82	1.8	28.000	GFL04-2M□□□071C32	E84DVB□1124S□1N2G	318
4.6	19	-	110	71	92	1.7	31.600	GFL04-2M□□□071C32	E84DVB□1124S□1N2G	318
4.5	19	-	108	73	95	3.1	32.344	GFL05-2M□□□071C32	E84DVB□1124S□1N2G	318
4.1	17	-	99	79	103	1.4	35.200	GFL04-2M□□□071C32	E84DVB□1124S□1N2G	318
4.0	17	-	96	82	106	2.5	36.444	GFL05-2M□□□071C32	E84DVB□1124S□1N2G	318
3.6	15	-	87	90	118	2.5	40.233	GFL05-2M□□□071C32	E84DVB□1124S□1N2G	318
3.6	15	-	86	91	119	1.3	40.697	GFL04-2M□□□071C32	E84DVB□1124S□1N2G	318
3.2	13	-	77	102	132	1.1	45.333	GFL04-2M□□□071C32	E84DVB□1124S□1N2G	318
3.2	13	-	77	102	132	2.1	45.333	GFL05-2M□□□071C32	E84DVB□1124S□1N2G	318
2.8	12	-	67	117	152	1.7	52.067	GFL05-2M□□□071C32	E84DVB□1124S□1N2G	318
2.8	11	-	66	118	154	3.1	52.800	GFL06-2M□□□071C32	E84DVB□1124S□1N2G	318
2.5	10	-	60	132	171	1.6	58.667	GFL05-2M□□□071C32	E84DVB□1124S□1N2G	318
2.4	10	-	59	133	174	3.0	59.481	GFL06-2M□□□071C32	E84DVB□1124S□1N2G	318
2.4	9.7	-	57	136	177	1.0	61.653	GFL05-3M□□□071C32	E84DVB□1124S□1N2G	326
2.3	9.5	-	55	142	185	1.3	63.190	GFL05-2M□□□071C32	E84DVB□1124S□1N2G	318
2.3	9.4	-	55	144	187	2.5	64.080	GFL06-2M□□□071C32	E84DVB□1124S□1N2G	318
2.2	9.1	-	53	146	191	2.5	66.213	GFL06-3M□□□071C32	E84DVB□1124S□1N2G	326
2.0	8.4	-	49	160	208	1.4	71.200	GFL05-2M□□□071C32	E84DVB□1124S□1N2G	318
2.0	8.3	-	49	159	207	2.3	72.000	GFL06-3M□□□071C32	E84DVB□1124S□1N2G	326
2.0	8.3	-	48	162	211	2.8	72.189	GFL06-2M□□□071C32	E84DVB□1124S□1N2G	318
1.9	7.6	-	44	174	226	0.9	78.639	GFL05-3M□□□071C32	E84DVB□1124S□1N2G	326
1.8	7.4	-	43	182	237	1.6	81.000	GFL06-2M□□□071C32	E84DVB□1124S□1N2G	318
1.8	7.4	-	43	179	233	2.0	81.111	GFL06-3M□□□071C32	E84DVB□1124S□1N2G	326
1.7	6.8	-	40	195	254	1.8	88.200	GFL06-3M□□□071C32	E84DVB□1124S□1N2G	326
1.6	6.7	-	39	199	259	1.1	90.123	GFL05-3M□□□071C32	E84DVB□1124S□1N2G	326
1.6	6.6	-	38	205	267	1.6	91.250	GFL06-2M□□□071C32	E84DVB□1124S□1N2G	318
1.5	6.0	-	35	220	286	1.8	99.361	GFL06-3M□□□071C32	E84DVB□1124S□1N2G	326
1.4	5.9	-	34	224	292	1.1	101.547	GFL05-3M□□□071C32	E84DVB□1124S□1N2G	326
1.3	5.3	-	31	250	326	3.0	113.206	GFL07-3M□□□071C32	E84DVB□1124S□1N2G	326
1.3	5.2	-	30	254	331	0.9	114.952	GFL05-3M□□□071C32	E84DVB□1124S□1N2G	326
1.3	5.2	-	30	258	335	1.5	116.571	GFL06-3M□□□071C32	E84DVB□1124S□1N2G	326

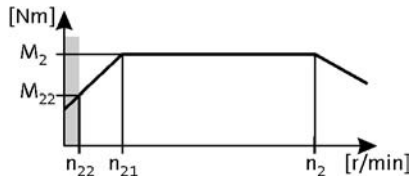
120 Hz: P_N = 1.10 kW

n_{22} / n_2 = 1 ... 24.0

n_1 = 145.4 ... 3490 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
1.1	4.6	-	27	290	378	1.5	131.323	GFL06-3M□□□071C32	E84DVB□1124S□1N2G	326
1.1	4.7	-	27	282	367	3.0	127.556	GFL07-3M□□□071C32	E84DVB□1124S□1N2G	326
1.0	4.2	-	24	319	415	1.3	144.320	GFL06-3M□□□071C32	E84DVB□1124S□1N2G	326
1.0	4.1	-	24	325	424	2.6	147.347	GFL07-3M□□□071C32	E84DVB□1124S□1N2G	326
0.9	3.7	-	22	359	468	1.2	162.583	GFL06-3M□□□071C32	E84DVB□1124S□1N2G	326
0.9	3.6	-	21	367	478	2.5	166.025	GFL07-3M□□□071C32	E84DVB□1124S□1N2G	326
0.8	3.3	-	19	397	516	1.1	179.520	GFL06-3M□□□071C32	E84DVB□1124S□1N2G	326
0.8	3.3	-	19	405	527	2.2	183.285	GFL07-3M□□□071C32	E84DVB□1124S□1N2G	326
0.7	3.0	-	17	447	582	1.0	202.237	GFL06-3M□□□071C32	E84DVB□1124S□1N2G	326
0.7	2.9	-	17	456	594	2.0	206.519	GFL07-3M□□□071C32	E84DVB□1124S□1N2G	326
0.7	2.7	-	16	496	646	2.0	224.636	GFL07-3M□□□071C32	E84DVB□1124S□1N2G	326
0.6	2.6	-	15	511	665	0.9	231.200	GFL06-3M□□□071C32	E84DVB□1124S□1N2G	326
0.6	2.4	-	14	559	728	1.6	253.111	GFL07-3M□□□071C32	E84DVB□1124S□1N2G	326
0.5	2.1	-	12	642	836	1.6	290.706	GFL07-3M□□□071C32	E84DVB□1124S□1N2G	326
0.5	2.1	-	12	643	837	3.0	290.889	GFL09-3M□□□071C32	E84DVB□1124S□1N2G	326
0.4	1.8	-	11	724	942	1.3	327.556	GFL07-3M□□□071C32	E84DVB□1124S□1N2G	326
0.4	1.8	-	11	724	943	3.0	327.827	GFL09-3M□□□071C32	E84DVB□1124S□1N2G	326
0.4	1.7	-	9.9	779	1015	1.3	352.811	GFL07-3M□□□071C32	E84DVB□1124S□1N2G	326
0.4	1.7	-	9.9	780	1016	2.6	353.033	GFL09-3M□□□071C32	E84DVB□1124S□1N2G	326
0.4	1.5	-	8.8	878	1144	1.0	397.533	GFL07-3M□□□071C32	E84DVB□1124S□1N2G	326
0.4	1.5	-	8.8	879	1144	2.6	397.863	GFL09-3M□□□071C32	E84DVB□1124S□1N2G	326
0.3	1.4	-	8.2	937	1220	2.1	424.247	GFL09-3M□□□071C32	E84DVB□1124S□1N2G	326
0.3	1.4	-	8.1	950	1238	1.0	430.222	GFL07-3M□□□071C32	E84DVB□1124S□1N2G	326
0.3	1.2	-	6.8	1137	1481	1.7	514.881	GFL09-3M□□□071C32	E84DVB□1124S□1N2G	326
0.3	1.1	-	6.3	1225	1595	1.3	554.470	GFL09-3M□□□071C32	E84DVB□1124S□1N2G	326
0.2	1.0	-	5.6	1380	1797	1.2	624.879	GFL09-3M□□□071C32	E84DVB□1124S□1N2G	326
0.2	0.9	-	5.0	1548	2016	1.0	700.875	GFL09-3M□□□071C32	E84DVB□1124S□1N2G	326
0.2	0.8	-	4.4	1745	2272	1.0	789.875	GFL09-3M□□□071C32	E84DVB□1124S□1N2G	326



120 Hz: P_N = 1.50 kW

n_{22} / n_2 = 1 ... 24.0

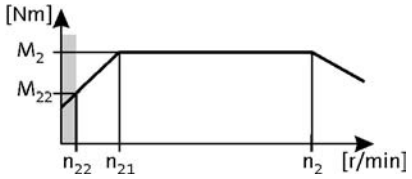
n_1 = 143.8 ... 3450 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
23	94	-	539	20	26	3.1	6.400	GFL05-2M□□□071C42	E84DVB□1524S□1N2G	318
22	93	-	537	20	26	2.9	6.422	GFL04-2M□□□071C42	E84DVB□1524S□1N2G	318
21	85	-	491	22	28	2.8	7.025	GFL04-2M□□□071C42	E84DVB□1524S□1N2G	318
16	67	-	383	28	36	3.1	9.010	GFL05-2M□□□071C42	E84DVB□1524S□1N2G	318
15	60	-	347	30	40	3.1	9.946	GFL05-2M□□□071C42	E84DVB□1524S□1N2G	318
14	59	-	337	31	41	2.9	10.238	GFL04-2M□□□071C42	E84DVB□1524S□1N2G	318
9.9	41	-	237	45	59	3.1	14.538	GFL05-2M□□□071C42	E84DVB□1524S□1N2G	318
9.8	41	-	235	45	59	2.3	14.706	GFL04-2M□□□071C42	E84DVB□1524S□1N2G	318
9.0	38	-	217	49	64	3.1	15.904	GFL05-2M□□□071C42	E84DVB□1524S□1N2G	318
8.9	37	-	215	49	65	2.1	16.087	GFL04-2M□□□071C42	E84DVB□1524S□1N2G	318
8.0	34	-	193	55	72	1.8	17.920	GFL04-2M□□□071C42	E84DVB□1524S□1N2G	318
8.0	34	-	193	55	72	3.1	17.920	GFL05-2M□□□071C42	E84DVB□1524S□1N2G	318
7.1	30	-	170	62	82	2.9	20.286	GFL05-2M□□□071C42	E84DVB□1524S□1N2G	318
7.0	29	-	168	63	83	1.7	20.519	GFL04-2M□□□071C42	E84DVB□1524S□1N2G	318
7.0	29	-	168	63	83	3.1	20.571	GFL06-2M□□□071C42	E84DVB□1524S□1N2G	318
6.3	26	-	151	70	92	1.4	22.857	GFL04-2M□□□071C42	E84DVB□1524S□1N2G	318
6.3	26	-	151	70	92	2.6	22.857	GFL05-2M□□□071C42	E84DVB□1524S□1N2G	318
6.2	26	-	149	71	93	3.1	23.175	GFL06-2M□□□071C42	E84DVB□1524S□1N2G	318
5.8	24	-	139	76	100	2.9	24.850	GFL05-2M□□□071C42	E84DVB□1524S□1N2G	318
5.7	24	-	137	77	101	1.6	25.136	GFL04-2M□□□071C42	E84DVB□1524S□1N2G	318
5.1	21	-	123	86	113	1.3	28.000	GFL04-2M□□□071C42	E84DVB□1524S□1N2G	318
5.1	21	-	123	86	113	2.4	28.000	GFL05-2M□□□071C42	E84DVB□1524S□1N2G	318
4.6	19	-	109	97	127	1.3	31.600	GFL04-2M□□□071C42	E84DVB□1524S□1N2G	318
4.4	19	-	107	99	130	2.3	32.344	GFL05-2M□□□071C42	E84DVB□1524S□1N2G	318
4.4	18	-	105	100	132	2.9	32.800	GFL06-2M□□□071C42	E84DVB□1524S□1N2G	318
4.1	17	-	98	108	142	1.0	35.200	GFL04-2M□□□071C42	E84DVB□1524S□1N2G	318
3.9	17	-	95	111	147	1.9	36.444	GFL05-2M□□□071C42	E84DVB□1524S□1N2G	318
3.9	16	-	93	113	149	2.9	36.951	GFL06-2M□□□071C42	E84DVB□1524S□1N2G	318
3.6	15	-	86	123	162	1.8	40.233	GFL05-2M□□□071C42	E84DVB□1524S□1N2G	318
3.5	15	-	85	124	164	1.0	40.697	GFL04-2M□□□071C42	E84DVB□1524S□1N2G	318
3.5	15	-	85	125	164	2.4	40.800	GFL06-2M□□□071C42	E84DVB□1524S□1N2G	318
3.2	13	-	76	139	183	1.5	45.333	GFL05-2M□□□071C42	E84DVB□1524S□1N2G	318
3.1	13	-	75	141	185	2.4	45.963	GFL06-2M□□□071C42	E84DVB□1524S□1N2G	318
2.8	12	-	66	159	210	1.3	52.067	GFL05-2M□□□071C42	E84DVB□1524S□1N2G	318
2.7	11	-	65	161	213	2.2	52.800	GFL06-2M□□□071C42	E84DVB□1524S□1N2G	318
2.5	10	-	59	179	236	1.2	58.667	GFL05-2M□□□071C42	E84DVB□1524S□1N2G	318
2.4	10	-	58	182	240	2.2	59.481	GFL06-2M□□□071C42	E84DVB□1524S□1N2G	318
2.3	9.5	-	55	193	255	1.0	63.190	GFL05-2M□□□071C42	E84DVB□1524S□1N2G	318
2.2	9.4	-	54	196	258	1.8	64.080	GFL06-2M□□□071C42	E84DVB□1524S□1N2G	318
2.2	9.1	-	52	199	263	1.8	66.213	GFL06-3M□□□071C42	E84DVB□1524S□1N2G	326
2.0	8.4	-	49	218	287	1.0	71.200	GFL05-2M□□□071C42	E84DVB□1524S□1N2G	318

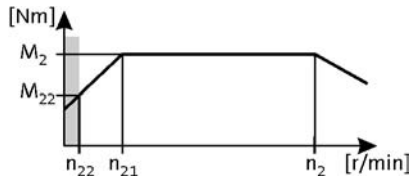
120 Hz: P_N = 1.50 kW

n_{22} / n_2 = 1 ... 24.0

n_1 = 143.8 ... 3450 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
2.0	8.3	-	48	217	286	1.7	72.000	GFL06-3M□□□071C42	E84DVB□1524S□1N2G	326
2.0	8.3	-	48	221	291	2.0	72.189	GFL06-2M□□□071C42	E84DVB□1524S□1N2G	318
2.0	8.3	-	48	218	288	2.9	72.452	GFL07-3M□□□071C42	E84DVB□1524S□1N2G	326
1.8	7.4	-	43	248	326	1.2	81.000	GFL06-2M□□□071C42	E84DVB□1524S□1N2G	318
1.8	7.4	-	43	244	322	1.5	81.111	GFL06-3M□□□071C42	E84DVB□1524S□1N2G	326
1.8	7.4	-	42	246	324	2.9	81.636	GFL07-3M□□□071C42	E84DVB□1524S□1N2G	326
1.6	6.8	-	39	266	350	1.3	88.200	GFL06-3M□□□071C42	E84DVB□1524S□1N2G	326
1.6	6.6	-	38	279	368	1.2	91.250	GFL06-2M□□□071C42	E84DVB□1524S□1N2G	318
1.6	6.5	-	37	278	367	2.5	92.413	GFL07-3M□□□071C42	E84DVB□1524S□1N2G	326
1.5	6.0	-	35	299	394	1.3	99.361	GFL06-3M□□□071C42	E84DVB□1524S□1N2G	326
1.4	5.8	-	33	314	413	2.5	104.127	GFL07-3M□□□071C42	E84DVB□1524S□1N2G	326
1.3	5.3	-	31	341	449	2.2	113.206	GFL07-3M□□□071C42	E84DVB□1524S□1N2G	326
1.2	5.2	-	30	351	463	1.1	116.571	GFL06-3M□□□071C42	E84DVB□1524S□1N2G	326
1.1	4.7	-	27	384	506	2.2	127.556	GFL07-3M□□□071C42	E84DVB□1524S□1N2G	326
1.1	4.6	-	26	396	521	1.1	131.323	GFL06-3M□□□071C42	E84DVB□1524S□1N2G	326
1.0	4.2	-	24	435	573	0.9	144.320	GFL06-3M□□□071C42	E84DVB□1524S□1N2G	326
1.0	4.1	-	23	444	585	1.9	147.347	GFL07-3M□□□071C42	E84DVB□1524S□1N2G	326
1.0	4.0	-	23	448	591	3.2	148.815	GFL09-3M□□□071C42	E84DVB□1524S□1N2G	326
0.9	3.7	-	21	490	645	0.9	162.583	GFL06-3M□□□071C42	E84DVB□1524S□1N2G	326
0.9	3.6	-	21	500	659	1.8	166.025	GFL07-3M□□□071C42	E84DVB□1524S□1N2G	326
0.9	3.6	-	21	505	666	3.2	167.712	GFL09-3M□□□071C42	E84DVB□1524S□1N2G	326
0.8	3.3	-	19	552	727	1.6	183.285	GFL07-3M□□□071C42	E84DVB□1524S□1N2G	326
0.8	3.2	-	19	558	735	2.7	185.111	GFL09-3M□□□071C42	E84DVB□1524S□1N2G	326
0.7	2.9	-	17	622	819	1.5	206.519	GFL07-3M□□□071C42	E84DVB□1524S□1N2G	326
0.7	2.9	-	17	628	828	2.7	208.617	GFL09-3M□□□071C42	E84DVB□1524S□1N2G	326
0.6	2.7	-	15	677	891	1.4	224.636	GFL07-3M□□□071C42	E84DVB□1524S□1N2G	326
0.6	2.7	-	15	677	892	2.6	224.778	GFL09-3M□□□071C42	E84DVB□1524S□1N2G	326
0.6	2.4	-	14	762	1004	1.2	253.111	GFL07-3M□□□071C42	E84DVB□1524S□1N2G	326
0.6	2.4	-	14	763	1005	2.6	253.321	GFL09-3M□□□071C42	E84DVB□1524S□1N2G	326
0.5	2.1	-	12	876	1154	1.1	290.706	GFL07-3M□□□071C42	E84DVB□1524S□1N2G	326
0.5	2.1	-	12	876	1154	2.2	290.889	GFL09-3M□□□071C42	E84DVB□1524S□1N2G	326
0.4	1.8	-	11	987	1300	0.9	327.556	GFL07-3M□□□071C42	E84DVB□1524S□1N2G	326
0.4	1.8	-	11	987	1301	2.2	327.827	GFL09-3M□□□071C42	E84DVB□1524S□1N2G	326
0.4	1.7	-	9.8	1063	1400	0.9	352.811	GFL07-3M□□□071C42	E84DVB□1524S□1N2G	326
0.4	1.7	-	9.8	1063	1401	1.9	353.033	GFL09-3M□□□071C42	E84DVB□1524S□1N2G	326
0.4	1.5	-	8.7	1198	1579	1.9	397.863	GFL09-3M□□□071C42	E84DVB□1524S□1N2G	326
0.3	1.4	-	8.1	1278	1683	1.5	424.247	GFL09-3M□□□071C42	E84DVB□1524S□1N2G	326
0.3	1.2	-	6.7	1551	2043	1.3	514.881	GFL09-3M□□□071C42	E84DVB□1524S□1N2G	326
0.3	1.1	-	6.2	1670	2200	0.9	554.470	GFL09-3M□□□071C42	E84DVB□1524S□1N2G	326



120 Hz: P_N = 2.20 kW

n_{22} / n_2 = 1 ... 24.0

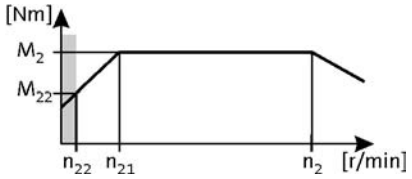
n_1 = 145.8 ... 3500 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
23	93	-	545	28	37	2.3	6.422	GFL04-2M□□□080C32	E84DVB□2224S□1N2G	318
21	85	-	498	31	41	2.1	7.025	GFL04-2M□□□080C32	E84DVB□2224S□1N2G	318
16	67	-	389	39	53	3.8	9.010	GFL05-2M□□□080C32	E84DVB□2224S□1N2G	318
14	59	-	342	45	60	2.0	10.238	GFL04-2M□□□080C32	E84DVB□2224S□1N2G	318
10	41	-	241	64	85	2.7	14.538	GFL05-2M□□□080C32	E84DVB□2224S□1N2G	318
9.9	41	-	238	64	86	1.6	14.706	GFL04-2M□□□080C32	E84DVB□2224S□1N2G	318
9.2	38	-	220	69	93	2.5	15.904	GFL05-2M□□□080C32	E84DVB□2224S□1N2G	318
9.1	37	-	218	70	94	1.5	16.087	GFL04-2M□□□080C32	E84DVB□2224S□1N2G	318
8.1	34	-	195	78	104	1.2	17.920	GFL04-2M□□□080C32	E84DVB□2224S□1N2G	318
8.1	34	-	195	78	104	2.3	17.920	GFL05-2M□□□080C32	E84DVB□2224S□1N2G	318
7.2	30	-	173	89	118	2.1	20.286	GFL05-2M□□□080C32	E84DVB□2224S□1N2G	318
7.1	29	-	171	90	120	1.2	20.519	GFL04-2M□□□080C32	E84DVB□2224S□1N2G	318
6.4	26	-	153	100	133	0.9	22.857	GFL04-2M□□□080C32	E84DVB□2224S□1N2G	318
6.4	26	-	153	100	133	1.8	22.857	GFL05-2M□□□080C32	E84DVB□2224S□1N2G	318
5.9	24	-	141	109	145	2.0	24.850	GFL05-2M□□□080C32	E84DVB□2224S□1N2G	318
5.8	24	-	139	110	146	1.1	25.136	GFL04-2M□□□080C32	E84DVB□2224S□1N2G	318
5.2	21	-	125	122	163	1.6	28.000	GFL05-2M□□□080C32	E84DVB□2224S□1N2G	318
5.1	21	-	123	124	165	3.1	28.389	GFL06-2M□□□080C32	E84DVB□2224S□1N2G	318
4.5	19	-	108	141	188	1.6	32.344	GFL05-2M□□□080C32	E84DVB□2224S□1N2G	318
4.5	18	-	107	143	191	2.9	32.800	GFL06-2M□□□080C32	E84DVB□2224S□1N2G	318
4.0	17	-	96	159	212	1.3	36.444	GFL05-2M□□□080C32	E84DVB□2224S□1N2G	318
4.0	16	-	95	161	215	2.4	36.951	GFL06-2M□□□080C32	E84DVB□2224S□1N2G	318
3.6	15	-	87	176	234	1.3	40.233	GFL05-2M□□□080C32	E84DVB□2224S□1N2G	318
3.6	15	-	86	178	238	2.4	40.800	GFL06-2M□□□080C32	E84DVB□2224S□1N2G	318
3.2	13	-	77	198	264	1.0	45.333	GFL05-2M□□□080C32	E84DVB□2224S□1N2G	318
3.2	13	-	76	201	268	2.0	45.963	GFL06-2M□□□080C32	E84DVB□2224S□1N2G	318
2.8	12	-	67	227	303	3.1	52.067	GFL07-2M□□□080C32	E84DVB□2224S□1N2G	318
2.8	11	-	66	231	308	1.8	52.800	GFL06-2M□□□080C32	E84DVB□2224S□1N2G	318
2.5	10	-	60	256	342	3.1	58.667	GFL07-2M□□□080C32	E84DVB□2224S□1N2G	318
2.5	10	-	59	260	346	1.5	59.481	GFL06-2M□□□080C32	E84DVB□2224S□1N2G	318
2.3	9.4	-	55	280	373	1.3	64.080	GFL06-2M□□□080C32	E84DVB□2224S□1N2G	318
2.3	9.5	-	55	276	368	2.4	63.190	GFL07-2M□□□080C32	E84DVB□2224S□1N2G	318
2.2	9.2	-	54	281	375	2.2	65.306	GFL07-3M□□□080C32	E84DVB□2224S□1N2G	326
2.2	9.1	-	53	285	380	1.2	66.213	GFL06-3M□□□080C32	E84DVB□2224S□1N2G	326
2.0	8.3	-	49	310	413	1.1	72.000	GFL06-3M□□□080C32	E84DVB□2224S□1N2G	326
2.0	8.3	-	49	315	420	1.4	72.189	GFL06-2M□□□080C32	E84DVB□2224S□1N2G	318
2.1	8.4	-	49	311	415	2.7	71.200	GFL07-2M□□□080C32	E84DVB□2224S□1N2G	318
2.0	8.3	-	48	312	416	2.0	72.452	GFL07-3M□□□080C32	E84DVB□2224S□1N2G	326
1.8	7.5	-	44	349	465	1.6	79.875	GFL07-2M□□□080C32	E84DVB□2224S□1N2G	318
1.8	7.4	-	43	349	465	1.0	81.111	GFL06-3M□□□080C32	E84DVB□2224S□1N2G	326
1.8	7.4	-	43	351	468	2.0	81.636	GFL07-3M□□□080C32	E84DVB□2224S□1N2G	326

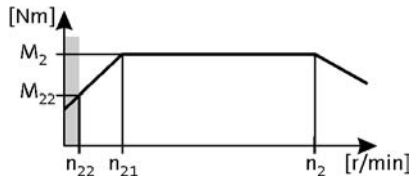
120 Hz: P_N = 2.20 kW

n_{22} / n_2 = 1 ... 24.0

n_1 = 145.8 ... 3500 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
1.7	6.8	-	40	379	506	0.9	88.200	GFL06-3M□□□080C32	E84DVB□2224S□1N2G	326
1.6	6.7	-	39	393	524	1.6	90.000	GFL07-2M□□□080C32	E84DVB□2224S□1N2G	318
1.6	6.5	-	38	397	530	1.7	92.413	GFL07-3M□□□080C32	E84DVB□2224S□1N2G	326
1.6	6.4	-	38	401	535	3.0	93.333	GFL09-3M□□□080C32	E84DVB□2224S□1N2G	326
1.5	6.0	-	35	427	570	0.9	99.361	GFL06-3M□□□080C32	E84DVB□2224S□1N2G	326
1.4	5.8	-	34	448	597	1.7	104.127	GFL07-3M□□□080C32	E84DVB□2224S□1N2G	326
1.4	5.7	-	33	452	603	3.0	105.185	GFL09-3M□□□080C32	E84DVB□2224S□1N2G	326
1.3	5.3	-	31	487	649	1.5	113.206	GFL07-3M□□□080C32	E84DVB□2224S□1N2G	326
1.3	5.3	-	31	492	656	2.7	114.333	GFL09-3M□□□080C32	E84DVB□2224S□1N2G	326
1.1	4.7	-	27	549	732	1.5	127.556	GFL07-3M□□□080C32	E84DVB□2224S□1N2G	326
1.1	4.7	-	27	554	739	2.7	128.852	GFL09-3M□□□080C32	E84DVB□2224S□1N2G	326
1.0	4.1	-	24	634	845	1.3	147.347	GFL07-3M□□□080C32	E84DVB□2224S□1N2G	326
1.0	4.0	-	24	640	854	2.3	148.815	GFL09-3M□□□080C32	E84DVB□2224S□1N2G	326
0.9	3.6	-	21	714	952	1.2	166.025	GFL07-3M□□□080C32	E84DVB□2224S□1N2G	326
0.9	3.6	-	21	721	962	2.3	167.712	GFL09-3M□□□080C32	E84DVB□2224S□1N2G	326
0.8	3.3	-	19	788	1052	1.1	183.285	GFL07-3M□□□080C32	E84DVB□2224S□1N2G	326
0.8	3.2	-	19	796	1062	2.0	185.111	GFL09-3M□□□080C32	E84DVB□2224S□1N2G	326
0.7	2.9	-	17	888	1185	1.0	206.519	GFL07-3M□□□080C32	E84DVB□2224S□1N2G	326
0.7	2.9	-	17	897	1197	2.0	208.617	GFL09-3M□□□080C32	E84DVB□2224S□1N2G	326
0.7	2.7	-	16	966	1289	1.0	224.636	GFL07-3M□□□080C32	E84DVB□2224S□1N2G	326
0.7	2.7	-	16	967	1290	1.8	224.778	GFL09-3M□□□080C32	E84DVB□2224S□1N2G	326
0.6	2.4	-	14	1089	1453	1.8	253.321	GFL09-3M□□□080C32	E84DVB□2224S□1N2G	326
0.6	2.3	-	13	1149	1533	3.2	267.259	GFL11-3M□□□080C32	E84DVB□2224S□1N2G	326
0.5	2.1	-	12	1251	1669	1.5	290.889	GFL09-3M□□□080C32	E84DVB□2224S□1N2G	326
0.4	1.8	-	11	1410	1881	1.5	327.827	GFL09-3M□□□080C32	E84DVB□2224S□1N2G	326
0.5	1.8	-	11	1409	1879	2.8	327.556	GFL11-3M□□□080C32	E84DVB□2224S□1N2G	326
0.4	1.7	-	9.9	1518	2025	1.3	353.033	GFL09-3M□□□080C32	E84DVB□2224S□1N2G	326
0.4	1.7	-	9.8	1540	2054	2.4	358.077	GFL11-3M□□□080C32	E84DVB□2224S□1N2G	326
0.4	1.5	-	8.8	1711	2282	1.3	397.863	GFL09-3M□□□080C32	E84DVB□2224S□1N2G	326
0.4	1.5	-	8.7	1735	2315	2.4	403.467	GFL11-3M□□□080C32	E84DVB□2224S□1N2G	326
0.3	1.4	-	8.3	1825	2434	1.1	424.247	GFL09-3M□□□080C32	E84DVB□2224S□1N2G	326
0.3	1.4	-	8.1	1850	2468	2.3	430.222	GFL11-3M□□□080C32	E84DVB□2224S□1N2G	326
0.3	1.2	-	6.7	2245	2995	1.9	522.133	GFL11-3M□□□080C32	E84DVB□2224S□1N2G	326
0.3	1.1	-	6.2	2419	3226	1.6	562.391	GFL11-3M□□□080C32	E84DVB□2224S□1N2G	326
0.2	1.0	-	5.5	2725	3635	1.5	633.680	GFL11-3M□□□080C32	E84DVB□2224S□1N2G	326
0.2	0.8	-	4.9	3057	4078	1.2	710.888	GFL11-3M□□□080C32	E84DVB□2224S□1N2G	326
0.2	0.8	-	4.4	3445	4595	1.2	801.000	GFL11-3M□□□080C32	E84DVB□2224S□1N2G	326



120 Hz: P_N = 3.00 kW

n_{22} / n_2 = 1 ... 24.0

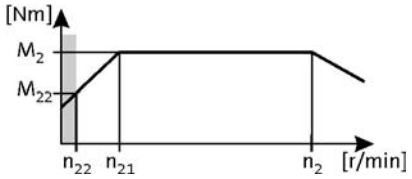
n_1 = 145.0 ... 3480 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
23	141	-	544	38	51	2.6	6.400	GFL05-2M□□□080C42	E84DVB□3024S□1N2G	318
23	140	-	542	39	51	1.7	6.422	GFL04-2M□□□080C42	E84DVB□3024S□1N2G	318
23	140	-	540	39	52	3.1	6.450	GFL06-2M□□□080C42	E84DVB□3024S□1N2G	318
21	128	-	495	42	56	1.5	7.025	GFL04-2M□□□080C42	E84DVB□3024S□1N2G	318
16	100	-	386	54	72	2.8	9.010	GFL05-2M□□□080C42	E84DVB□3024S□1N2G	318
15	91	-	350	60	79	2.6	9.946	GFL05-2M□□□080C42	E84DVB□3024S□1N2G	318
14	89	-	345	61	81	3.1	10.092	GFL06-2M□□□080C42	E84DVB□3024S□1N2G	318
14	88	-	340	61	82	1.5	10.238	GFL04-2M□□□080C42	E84DVB□3024S□1N2G	318
10	62	-	239	87	116	2.0	14.538	GFL05-2M□□□080C42	E84DVB□3024S□1N2G	318
9.9	61	-	237	88	118	1.2	14.706	GFL04-2M□□□080C42	E84DVB□3024S□1N2G	318
9.8	61	-	236	88	118	3.1	14.743	GFL06-2M□□□080C42	E84DVB□3024S□1N2G	318
9.1	57	-	219	95	127	1.8	15.904	GFL05-2M□□□080C42	E84DVB□3024S□1N2G	318
9.0	56	-	216	96	129	1.1	16.087	GFL04-2M□□□080C42	E84DVB□3024S□1N2G	318
9.0	56	-	216	97	129	3.1	16.128	GFL06-2M□□□080C42	E84DVB□3024S□1N2G	318
8.1	50	-	194	107	143	1.6	17.920	GFL05-2M□□□080C42	E84DVB□3024S□1N2G	318
8.0	50	-	192	109	145	3.1	18.169	GFL06-2M□□□080C42	E84DVB□3024S□1N2G	318
7.2	44	-	172	122	162	1.6	20.286	GFL05-2M□□□080C42	E84DVB□3024S□1N2G	318
7.2	44	-	172	122	162	3.1	20.286	GFL07-2M□□□080C42	E84DVB□3024S□1N2G	318
7.1	44	-	169	123	164	2.9	20.571	GFL06-2M□□□080C42	E84DVB□3024S□1N2G	318
6.3	39	-	152	137	183	1.3	22.857	GFL05-2M□□□080C42	E84DVB□3024S□1N2G	318
6.3	39	-	152	137	183	3.1	22.857	GFL07-2M□□□080C42	E84DVB□3024S□1N2G	318
6.3	39	-	150	139	185	2.5	23.175	GFL06-2M□□□080C42	E84DVB□3024S□1N2G	318
5.8	36	-	140	149	199	1.5	24.850	GFL05-2M□□□080C42	E84DVB□3024S□1N2G	318
5.8	36	-	138	151	201	2.8	25.200	GFL06-2M□□□080C42	E84DVB□3024S□1N2G	318
5.2	32	-	124	168	224	1.2	28.000	GFL05-2M□□□080C42	E84DVB□3024S□1N2G	318
5.1	32	-	123	170	227	2.3	28.389	GFL06-2M□□□080C42	E84DVB□3024S□1N2G	318
4.5	28	-	108	194	258	1.1	32.344	GFL05-2M□□□080C42	E84DVB□3024S□1N2G	318
4.5	28	-	108	194	258	2.9	32.344	GFL07-2M□□□080C42	E84DVB□3024S□1N2G	318
4.4	27	-	106	197	262	2.1	32.800	GFL06-2M□□□080C42	E84DVB□3024S□1N2G	318
4.0	25	-	96	218	291	0.9	36.444	GFL05-2M□□□080C42	E84DVB□3024S□1N2G	318
4.0	25	-	96	218	291	2.9	36.444	GFL07-2M□□□080C42	E84DVB□3024S□1N2G	318
3.9	24	-	94	221	295	1.8	36.951	GFL06-2M□□□080C42	E84DVB□3024S□1N2G	318
3.7	23	-	88	238	317	2.4	39.642	GFL07-2M□□□080C42	E84DVB□3024S□1N2G	318
3.6	22	-	87	241	321	0.9	40.233	GFL05-2M□□□080C42	E84DVB□3024S□1N2G	318
3.6	22	-	85	244	326	1.7	40.800	GFL06-2M□□□080C42	E84DVB□3024S□1N2G	318
3.3	20	-	78	268	357	2.4	44.667	GFL07-2M□□□080C42	E84DVB□3024S□1N2G	318
3.2	20	-	76	275	367	1.4	45.963	GFL06-2M□□□080C42	E84DVB□3024S□1N2G	318
2.8	17	-	67	312	416	2.3	52.067	GFL07-2M□□□080C42	E84DVB□3024S□1N2G	318
2.8	17	-	66	316	422	1.3	52.800	GFL06-2M□□□080C42	E84DVB□3024S□1N2G	318
2.4	15	-	59	356	475	1.1	59.481	GFL06-2M□□□080C42	E84DVB□3024S□1N2G	318
2.5	15	-	59	352	469	2.3	58.667	GFL07-2M□□□080C42	E84DVB□3024S□1N2G	318

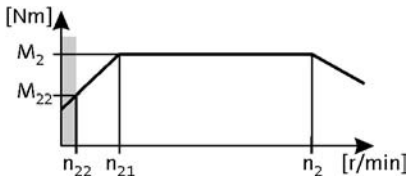
120 Hz: P_N = 3.00 kW

n_{22} / n_2 = 1 ... 24.0

n_1 = 145.0 ... 3480 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
2.3	14	-	55	379	505	1.8	63.190	GFL07-2M□□□080C42	E84DVB□3024S□1N2G	318
2.3	14	-	55	374	498	2.6	63.326	GFL09-3M□□□080C42	E84DVB□3024S□1N2G	326
2.3	14	-	54	384	512	1.0	64.080	GFL06-2M□□□080C42	E84DVB□3024S□1N2G	318
2.2	14	-	53	391	521	0.9	66.213	GFL06-3M□□□080C42	E84DVB□3024S□1N2G	326
2.2	14	-	53	385	514	1.6	65.306	GFL07-3M□□□080C42	E84DVB□3024S□1N2G	326
2.0	13	-	49	427	569	2.0	71.200	GFL07-2M□□□080C42	E84DVB□3024S□1N2G	318
2.0	13	-	48	433	577	1.0	72.189	GFL06-2M□□□080C42	E84DVB□3024S□1N2G	318
2.0	12	-	48	428	570	1.5	72.452	GFL07-3M□□□080C42	E84DVB□3024S□1N2G	326
2.0	12	-	48	432	576	2.5	73.173	GFL09-3M□□□080C42	E84DVB□3024S□1N2G	326
1.8	11	-	44	479	638	1.2	79.875	GFL07-2M□□□080C42	E84DVB□3024S□1N2G	318
1.8	11	-	43	482	642	1.5	81.636	GFL07-3M□□□080C42	E84DVB□3024S□1N2G	326
1.8	11	-	42	487	649	2.5	82.465	GFL09-3M□□□080C42	E84DVB□3024S□1N2G	326
1.6	10	-	39	539	719	1.2	90.000	GFL07-2M□□□080C42	E84DVB□3024S□1N2G	318
1.6	9.7	-	38	545	727	1.3	92.413	GFL07-3M□□□080C42	E84DVB□3024S□1N2G	326
1.6	9.6	-	37	551	734	2.2	93.333	GFL09-3M□□□080C42	E84DVB□3024S□1N2G	326
1.4	8.6	-	33	614	819	1.3	104.127	GFL07-3M□□□080C42	E84DVB□3024S□1N2G	326
1.4	8.6	-	33	621	828	2.2	105.185	GFL09-3M□□□080C42	E84DVB□3024S□1N2G	326
1.3	8.0	-	31	668	891	1.1	113.206	GFL07-3M□□□080C42	E84DVB□3024S□1N2G	326
1.3	7.9	-	30	675	900	2.0	114.333	GFL09-3M□□□080C42	E84DVB□3024S□1N2G	326
1.1	7.1	-	27	753	1004	1.1	127.556	GFL07-3M□□□080C42	E84DVB□3024S□1N2G	326
1.1	7.0	-	27	760	1014	2.0	128.852	GFL09-3M□□□080C42	E84DVB□3024S□1N2G	326
1.0	6.1	-	24	870	1159	0.9	147.347	GFL07-3M□□□080C42	E84DVB□3024S□1N2G	326
1.0	6.1	-	23	878	1171	1.7	148.815	GFL09-3M□□□080C42	E84DVB□3024S□1N2G	326
1.0	6.0	-	23	880	1173	3.2	149.144	GFL11-3M□□□080C42	E84DVB□3024S□1N2G	326
0.9	5.4	-	21	980	1306	0.9	166.025	GFL07-3M□□□080C42	E84DVB□3024S□1N2G	326
0.9	5.4	-	21	990	1320	1.7	167.712	GFL09-3M□□□080C42	E84DVB□3024S□1N2G	326
0.9	5.4	-	21	992	1322	3.2	168.049	GFL11-3M□□□080C42	E84DVB□3024S□1N2G	326
0.8	4.9	-	19	1092	1456	1.5	185.111	GFL09-3M□□□080C42	E84DVB□3024S□1N2G	326
0.8	4.9	-	19	1079	1438	2.7	182.792	GFL11-3M□□□080C42	E84DVB□3024S□1N2G	326
0.7	4.3	-	17	1231	1641	1.5	208.617	GFL09-3M□□□080C42	E84DVB□3024S□1N2G	326
0.7	4.4	-	17	1215	1621	2.7	205.963	GFL11-3M□□□080C42	E84DVB□3024S□1N2G	326
0.7	4.0	-	16	1326	1769	1.3	224.778	GFL09-3M□□□080C42	E84DVB□3024S□1N2G	326
0.7	4.0	-	16	1326	1767	2.4	224.636	GFL11-3M□□□080C42	E84DVB□3024S□1N2G	326
0.6	3.6	-	14	1495	1993	1.3	253.321	GFL09-3M□□□080C42	E84DVB□3024S□1N2G	326
0.6	3.6	-	14	1494	1991	2.4	253.111	GFL11-3M□□□080C42	E84DVB□3024S□1N2G	326
0.5	3.4	-	13	1577	2103	2.3	267.259	GFL11-3M□□□080C42	E84DVB□3024S□1N2G	326
0.5	3.1	-	12	1717	2289	1.1	290.889	GFL09-3M□□□080C42	E84DVB□3024S□1N2G	326
0.4	2.8	-	11	1935	2579	1.1	327.827	GFL09-3M□□□080C42	E84DVB□3024S□1N2G	326
0.4	2.8	-	11	1933	2577	2.0	327.556	GFL11-3M□□□080C42	E84DVB□3024S□1N2G	326
0.4	2.6	-	9.9	2083	2778	1.0	353.033	GFL09-3M□□□080C42	E84DVB□3024S□1N2G	326
0.4	2.5	-	9.7	2113	2817	1.8	358.077	GFL11-3M□□□080C42	E84DVB□3024S□1N2G	326



120 Hz: P_N = 3.00 kW

n_{22} / n_2 = 1 ... 24.0

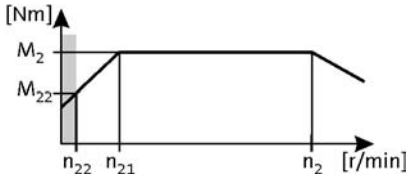
n_1 = 145.0 ... 3480 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
0.4	2.3	-	8.8	2348	3130	1.0	397.863	GFL09-3M□□□080C42	E84DVB□3024S□1N2G	326
0.4	2.2	-	8.6	2381	3174	1.8	403.467	GFL11-3M□□□080C42	E84DVB□3024S□1N2G	326
0.3	2.1	-	8.1	2539	3385	1.7	430.222	GFL11-3M□□□080C42	E84DVB□3024S□1N2G	326
0.3	1.7	-	6.7	3081	4108	1.4	522.133	GFL11-3M□□□080C42	E84DVB□3024S□1N2G	326
0.3	1.6	-	6.2	3319	4425	1.1	562.391	GFL11-3M□□□080C42	E84DVB□3024S□1N2G	326
0.2	1.4	-	5.5	3739	4986	1.1	633.680	GFL11-3M□□□080C42	E84DVB□3024S□1N2G	326
0.2	1.3	-	4.9	4195	5593	0.9	710.888	GFL11-3M□□□080C42	E84DVB□3024S□1N2G	326

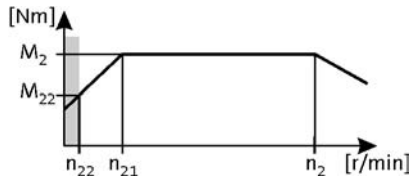
50 Hz: P_N = 0.75 kW

n_{22} / n_2 = 1 ... 10.0

n_1 = 141.0 ... 1410 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
39	164	-	385	14	18	4.2	3.659	GFL04-2M □□□080C32	E84DVB□7514S□1N2G	334
28	120	-	281	19	25	4.2	5.018	GFL04-2M □□□080C32	E84DVB□7514S□1N2G	334
24	103	-	242	22	29	4.2	5.833	GFL04-2M □□□080C32	E84DVB□7514S□1N2G	334
22	93	-	220	24	32	3.6	6.422	GFL04-2M □□□080C32	E84DVB□7514S□1N2G	334
20	85	-	201	27	35	3.3	7.025	GFL04-2M □□□080C32	E84DVB□7514S□1N2G	334
17	72	-	168	32	41	4.2	8.379	GFL04-2M □□□080C32	E84DVB□7514S□1N2G	334
15	64	-	151	35	46	3.6	9.333	GFL04-2M □□□080C32	E84DVB□7514S□1N2G	334
14	59	-	138	39	51	3.2	10.238	GFL04-2M □□□080C32	E84DVB□7514S□1N2G	334
12	52	-	123	44	57	3.2	11.491	GFL04-2M □□□080C32	E84DVB□7514S□1N2G	334
11	47	-	110	49	63	2.6	12.800	GFL04-2M □□□080C32	E84DVB□7514S□1N2G	334
9.6	41	-	96	56	73	2.5	14.706	GFL04-2M □□□080C32	E84DVB□7514S□1N2G	334
8.8	37	-	88	61	79	2.3	16.087	GFL04-2M □□□080C32	E84DVB□7514S□1N2G	334
7.9	34	-	79	68	88	1.9	17.920	GFL04-2M □□□080C32	E84DVB□7514S□1N2G	334
6.9	29	-	69	78	101	1.8	20.519	GFL04-2M □□□080C32	E84DVB□7514S□1N2G	334
6.2	26	-	62	87	113	1.5	22.857	GFL04-2M □□□080C32	E84DVB□7514S□1N2G	334
6.2	26	-	62	87	113	2.8	22.857	GFL05-2M □□□080C32	E84DVB□7514S□1N2G	334
5.7	24	-	57	94	123	2.8	24.850	GFL05-2M □□□080C32	E84DVB□7514S□1N2G	334
5.6	24	-	56	95	124	1.5	25.136	GFL04-2M □□□080C32	E84DVB□7514S□1N2G	334
5.0	21	-	50	106	138	1.2	28.000	GFL04-2M □□□080C32	E84DVB□7514S□1N2G	334
5.0	21	-	50	106	138	2.3	28.000	GFL05-2M □□□080C32	E84DVB□7514S□1N2G	334
4.5	19	-	45	120	156	1.2	31.600	GFL04-2M □□□080C32	E84DVB□7514S□1N2G	334
4.4	19	-	44	123	159	2.2	32.344	GFL05-2M □□□080C32	E84DVB□7514S□1N2G	334
4.0	17	-	40	134	174	1.0	35.200	GFL04-2M □□□080C32	E84DVB□7514S□1N2G	334
3.9	17	-	39	138	180	1.8	36.444	GFL05-2M □□□080C32	E84DVB□7514S□1N2G	334
3.5	15	-	35	154	201	0.9	40.697	GFL04-2M □□□080C32	E84DVB□7514S□1N2G	334
3.5	15	-	35	153	198	1.7	40.233	GFL05-2M □□□080C32	E84DVB□7514S□1N2G	334
3.5	15	-	35	155	201	2.9	40.800	GFL06-2M □□□080C32	E84DVB□7514S□1N2G	334
3.1	13	-	31	172	223	1.4	45.333	GFL05-2M □□□080C32	E84DVB□7514S□1N2G	334
3.1	13	-	31	174	227	2.7	45.963	GFL06-2M □□□080C32	E84DVB□7514S□1N2G	334
2.7	12	-	27	198	257	1.2	52.067	GFL05-2M □□□080C32	E84DVB□7514S□1N2G	334
2.7	11	-	27	200	260	2.5	52.800	GFL06-2M □□□080C32	E84DVB□7514S□1N2G	334
2.7	12	-	27	198	257	2.9	52.067	GFL07-2M □□□080C32	E84DVB□7514S□1N2G	334
2.4	10	-	24	223	289	1.1	58.667	GFL05-2M □□□080C32	E84DVB□7514S□1N2G	334
2.4	10	-	24	226	293	2.1	59.481	GFL06-2M □□□080C32	E84DVB□7514S□1N2G	334
2.4	10	-	24	223	289	2.9	58.667	GFL07-2M □□□080C32	E84DVB□7514S□1N2G	334
2.2	9.5	-	22	240	311	0.9	63.190	GFL05-2M □□□080C32	E84DVB□7514S□1N2G	334
2.2	9.4	-	22	243	316	1.8	64.080	GFL06-2M □□□080C32	E84DVB□7514S□1N2G	334
2.2	9.5	-	22	240	311	2.5	63.190	GFL07-2M □□□080C32	E84DVB□7514S□1N2G	334
2.2	9.2	-	22	244	317	2.8	65.306	GFL07-3M □□□080C32	E84DVB□7514S□1N2G	342
2.1	9.1	-	21	248	321	1.5	66.213	GFL06-3M □□□080C32	E84DVB□7514S□1N2G	342
2.0	8.4	-	20	270	351	0.9	71.200	GFL05-2M □□□080C32	E84DVB□7514S□1N2G	334



50 Hz: P_N = 0.75 kW

n_{22} / n_2 = 1 ... 10.0

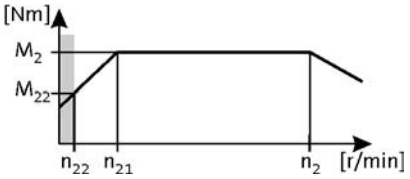
n_1 = 141.0 ... 1410 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
2.0	8.3	-	20	269	350	1.4	72.000	GFL06-3M □□□080C32	E84DVB□7514S□1N2G	342
2.0	8.3	-	20	274	356	1.7	72.189	GFL06-2M □□□080C32	E84DVB□7514S□1N2G	334
2.0	8.3	-	20	271	352	2.5	72.452	GFL07-3M □□□080C32	E84DVB□7514S□1N2G	342
2.0	8.4	-	20	270	351	2.5	71.200	GFL07-2M □□□080C32	E84DVB□7514S□1N2G	334
1.8	7.5	-	18	303	394	2.0	79.875	GFL07-2M □□□080C32	E84DVB□7514S□1N2G	334
1.7	7.4	-	17	307	399	1.1	81.000	GFL06-2M □□□080C32	E84DVB□7514S□1N2G	334
1.7	7.4	-	17	303	394	1.3	81.111	GFL06-3M □□□080C32	E84DVB□7514S□1N2G	342
1.7	7.4	-	17	305	396	2.5	81.636	GFL07-3M □□□080C32	E84DVB□7514S□1N2G	342
1.6	6.8	-	16	330	428	1.1	88.200	GFL06-3M □□□080C32	E84DVB□7514S□1N2G	342
1.6	6.6	-	16	346	450	1.1	91.250	GFL06-2M □□□080C32	E84DVB□7514S□1N2G	334
1.6	6.7	-	16	342	444	2.0	90.000	GFL07-2M □□□080C32	E84DVB□7514S□1N2G	334
1.5	6.5	-	15	345	449	2.1	92.413	GFL07-3M □□□080C32	E84DVB□7514S□1N2G	342
1.4	6.0	-	14	371	482	1.1	99.361	GFL06-3M □□□080C32	E84DVB□7514S□1N2G	342
1.4	5.8	-	14	389	506	2.1	104.127	GFL07-3M □□□080C32	E84DVB□7514S□1N2G	342
1.3	5.3	-	13	423	550	1.9	113.206	GFL07-3M □□□080C32	E84DVB□7514S□1N2G	342
1.2	5.2	-	12	436	566	0.9	116.571	GFL06-3M □□□080C32	E84DVB□7514S□1N2G	342
1.1	4.6	-	11	491	638	0.9	131.323	GFL06-3M □□□080C32	E84DVB□7514S□1N2G	342
1.1	4.7	-	11	477	619	1.9	127.556	GFL07-3M □□□080C32	E84DVB□7514S□1N2G	342
1.0	4.1	-	9.6	551	715	1.6	147.347	GFL07-3M □□□080C32	E84DVB□7514S□1N2G	342
1.0	4.0	-	9.5	556	722	2.8	148.815	GFL09-3M □□□080C32	E84DVB□7514S□1N2G	342
0.9	3.6	-	8.5	621	806	1.6	166.025	GFL07-3M □□□080C32	E84DVB□7514S□1N2G	342
0.8	3.6	-	8.4	627	814	2.8	167.712	GFL09-3M □□□080C32	E84DVB□7514S□1N2G	342
0.8	3.3	-	7.7	685	890	1.4	183.285	GFL07-3M □□□080C32	E84DVB□7514S□1N2G	342
0.8	3.2	-	7.6	692	899	2.5	185.111	GFL09-3M □□□080C32	E84DVB□7514S□1N2G	342
0.7	2.9	-	6.8	772	1003	1.2	206.519	GFL07-3M □□□080C32	E84DVB□7514S□1N2G	342
0.7	2.9	-	6.8	780	1013	2.5	208.617	GFL09-3M □□□080C32	E84DVB□7514S□1N2G	342
0.6	2.7	-	6.3	840	1090	1.2	224.636	GFL07-3M □□□080C32	E84DVB□7514S□1N2G	342
0.6	2.7	-	6.3	840	1091	2.2	224.778	GFL09-3M □□□080C32	E84DVB□7514S□1N2G	342
0.6	2.4	-	5.6	946	1229	1.0	253.111	GFL07-3M □□□080C32	E84DVB□7514S□1N2G	342
0.6	2.4	-	5.6	947	1230	2.2	253.321	GFL09-3M □□□080C32	E84DVB□7514S□1N2G	342
0.5	2.1	-	4.9	1087	1411	1.0	290.706	GFL07-3M □□□080C32	E84DVB□7514S□1N2G	342
0.5	2.1	-	4.9	1087	1412	1.9	290.889	GFL09-3M □□□080C32	E84DVB□7514S□1N2G	342
0.4	1.8	-	4.3	1225	1591	1.9	327.827	GFL09-3M □□□080C32	E84DVB□7514S□1N2G	342
0.4	1.7	-	4.0	1319	1713	0.8	352.811	GFL07-3M □□□080C32	E84DVB□7514S□1N2G	342
0.4	1.7	-	4.0	1320	1714	1.6	353.033	GFL09-3M □□□080C32	E84DVB□7514S□1N2G	342
0.4	1.7	-	3.9	1339	1738	2.5	358.077	GFL11-3M □□□080C32	E84DVB□7514S□1N2G	342
0.4	1.5	-	3.5	1487	1931	1.6	397.863	GFL09-3M □□□080C32	E84DVB□7514S□1N2G	342
0.4	1.5	-	3.5	1508	1959	2.5	403.467	GFL11-3M □□□080C32	E84DVB□7514S□1N2G	342
0.3	1.4	-	3.3	1586	2059	1.3	424.247	GFL09-3M □□□080C32	E84DVB□7514S□1N2G	342
0.3	1.4	-	3.3	1608	2088	2.9	430.222	GFL11-3M □□□080C32	E84DVB□7514S□1N2G	342
0.3	1.2	-	2.7	1925	2499	1.1	514.881	GFL09-3M □□□080C32	E84DVB□7514S□1N2G	342

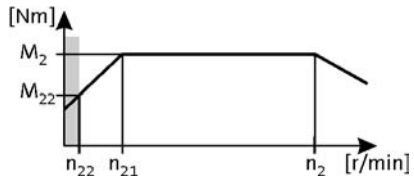
50 Hz: P_N = 0.75 kW

n_{22} / n_2 = 1 ... 10.0

n_1 = 141.0 ... 1410 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
0.3	1.2	-	2.7	1952	2535	2.3	522.133	GFL11-3M □□□080C32	E84DVB□7514S□1N2G	342
0.3	1.1	-	2.5	2102	2730	2.0	562.391	GFL11-3M □□□080C32	E84DVB□7514S□1N2G	342
0.2	1.0	-	2.2	2369	3076	1.9	633.680	GFL11-3M □□□080C32	E84DVB□7514S□1N2G	342
0.2	0.8	-	1.8	2994	3888	1.5	801.000	GFL11-3M □□□080C32	E84DVB□7514S□1N2G	342



50 Hz: P_N = 1.10 kW

n_{22} / n_2 = 1 ... 10.0

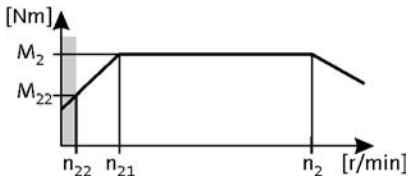
n_1 = 143.0 ... 1430 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
39	164	-	391	18	26	4.2	3.659	GFL04-2M □□□090C12	E84DVB□1124S□1N2G	338
31	131	-	313	23	33	5.2	4.571	GFL05-2M □□□090C12	E84DVB□1124S□1N2G	334
29	120	-	285	25	36	3.1	5.018	GFL04-2M □□□090C12	E84DVB□1124S□1N2G	338
25	103	-	245	29	42	3.7	5.833	GFL04-2M □□□090C12	E84DVB□1124S□1N2G	338
22	93	-	223	32	46	2.5	6.422	GFL04-2M □□□090C12	E84DVB□1124S□1N2G	338
20	85	-	204	35	50	2.3	7.025	GFL04-2M □□□090C12	E84DVB□1124S□1N2G	338
17	72	-	171	42	60	3.0	8.379	GFL04-2M □□□090C12	E84DVB□1124S□1N2G	338
15	64	-	153	47	67	2.5	9.333	GFL04-2M □□□090C12	E84DVB□1124S□1N2G	338
14	59	-	140	51	73	2.2	10.238	GFL04-2M □□□090C12	E84DVB□1124S□1N2G	338
12	52	-	124	57	82	2.2	11.491	GFL04-2M □□□090C12	E84DVB□1124S□1N2G	338
11	47	-	112	64	91	1.8	12.800	GFL04-2M □□□090C12	E84DVB□1124S□1N2G	338
11	47	-	112	64	91	3.1	12.800	GFL05-2M □□□090C12	E84DVB□1124S□1N2G	334
9.8	41	-	98	73	104	2.9	14.538	GFL05-2M □□□090C12	E84DVB□1124S□1N2G	334
9.7	41	-	97	73	105	1.7	14.706	GFL04-2M □□□090C12	E84DVB□1124S□1N2G	338
9.0	38	-	90	79	113	2.7	15.904	GFL05-2M □□□090C12	E84DVB□1124S□1N2G	334
8.9	37	-	89	80	115	1.6	16.087	GFL04-2M □□□090C12	E84DVB□1124S□1N2G	338
8.0	34	-	80	89	128	1.3	17.920	GFL04-2M □□□090C12	E84DVB□1124S□1N2G	338
8.0	34	-	80	89	128	2.4	17.920	GFL05-2M □□□090C12	E84DVB□1124S□1N2G	334
7.1	30	-	71	101	145	2.3	20.286	GFL05-2M □□□090C12	E84DVB□1124S□1N2G	334
7.0	29	-	70	102	146	1.3	20.519	GFL04-2M □□□090C12	E84DVB□1124S□1N2G	338
6.3	26	-	63	114	163	1.0	22.857	GFL04-2M □□□090C12	E84DVB□1124S□1N2G	338
6.3	26	-	63	114	163	1.9	22.857	GFL05-2M □□□090C12	E84DVB□1124S□1N2G	334
5.8	24	-	58	124	177	1.9	24.850	GFL05-2M □□□090C12	E84DVB□1124S□1N2G	334
5.7	24	-	57	125	179	1.0	25.136	GFL04-2M □□□090C12	E84DVB□1124S□1N2G	338
5.1	21	-	51	140	200	0.8	28.000	GFL04-2M □□□090C12	E84DVB□1124S□1N2G	338
5.1	21	-	51	140	200	1.6	28.000	GFL05-2M □□□090C12	E84DVB□1124S□1N2G	334
5.0	21	-	50	142	202	3.0	28.389	GFL06-2M □□□090C12	E84DVB□1124S□1N2G	334
4.4	19	-	44	161	231	1.5	32.344	GFL05-2M □□□090C12	E84DVB□1124S□1N2G	334
4.4	18	-	44	164	234	2.7	32.800	GFL06-2M □□□090C12	E84DVB□1124S□1N2G	334
3.9	17	-	39	182	260	1.2	36.444	GFL05-2M □□□090C12	E84DVB□1124S□1N2G	334
3.9	16	-	39	184	263	2.3	36.951	GFL06-2M □□□090C12	E84DVB□1124S□1N2G	334
3.6	15	-	36	201	287	1.2	40.233	GFL05-2M □□□090C12	E84DVB□1124S□1N2G	334
3.5	15	-	35	204	291	2.3	40.800	GFL06-2M □□□090C12	E84DVB□1124S□1N2G	334
3.2	13	-	32	226	323	1.0	45.333	GFL05-2M □□□090C12	E84DVB□1124S□1N2G	334
3.1	13	-	31	229	328	1.9	45.963	GFL06-2M □□□090C12	E84DVB□1124S□1N2G	334
2.7	11	-	27	263	376	1.8	52.800	GFL06-2M □□□090C12	E84DVB□1124S□1N2G	334
2.4	10	-	24	297	424	1.5	59.481	GFL06-2M □□□090C12	E84DVB□1124S□1N2G	334
2.4	10	-	24	293	418	3.0	58.667	GFL07-2M □□□090C12	E84DVB□1124S□1N2G	334
2.3	9.5	-	23	315	450	2.8	63.190	GFL07-2M □□□090C12	E84DVB□1124S□1N2G	334
2.2	9.1	-	22	325	465	1.1	66.213	GFL06-3M □□□090C12	E84DVB□1124S□1N2G	342
2.2	9.4	-	22	320	457	1.3	64.080	GFL06-2M □□□090C12	E84DVB□1124S□1N2G	334

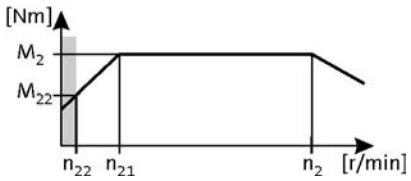
50 Hz: P_N = 1.10 kW

n_{22} / n_2 = 1 ... 10.0

n_1 = 143.0 ... 1430 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
2.2	9.2	-	22	321	458	1.9	65.306	GFL07-3M □□□090C12	E84DVB□1124S□1N2G	342
2.0	8.3	-	20	354	505	1.0	72.000	GFL06-3M □□□090C12	E84DVB□1124S□1N2G	342
2.0	8.3	-	20	360	515	1.2	72.189	GFL06-2M □□□090C12	E84DVB□1124S□1N2G	334
2.0	8.3	-	20	356	509	1.7	72.452	GFL07-3M □□□090C12	E84DVB□1124S□1N2G	342
2.0	8.4	-	20	355	507	2.5	71.200	GFL07-2M □□□090C12	E84DVB□1124S□1N2G	334
2.0	8.2	-	20	360	514	3.0	73.173	GFL09-3M □□□090C12	E84DVB□1124S□1N2G	342
1.8	7.4	-	18	399	569	0.9	81.111	GFL06-3M □□□090C12	E84DVB□1124S□1N2G	342
1.8	7.5	-	18	399	569	1.5	79.875	GFL07-2M □□□090C12	E84DVB□1124S□1N2G	334
1.8	7.4	-	18	401	573	1.7	81.636	GFL07-3M □□□090C12	E84DVB□1124S□1N2G	342
1.8	7.6	-	18	393	561	2.7	78.750	GFL09-2M □□□090C12	E84DVB□1124S□1N2G	334
1.7	7.3	-	17	405	579	3.0	82.465	GFL09-3M □□□090C12	E84DVB□1124S□1N2G	342
1.6	6.7	-	16	449	641	1.5	90.000	GFL07-2M □□□090C12	E84DVB□1124S□1N2G	334
1.6	6.5	-	16	454	649	1.5	92.413	GFL07-3M □□□090C12	E84DVB□1124S□1N2G	342
1.6	6.8	-	16	443	633	2.7	88.750	GFL09-2M □□□090C12	E84DVB□1124S□1N2G	334
1.5	6.4	-	15	459	655	2.6	93.333	GFL09-3M □□□090C12	E84DVB□1124S□1N2G	342
1.4	5.8	-	14	512	731	1.5	104.127	GFL07-3M □□□090C12	E84DVB□1124S□1N2G	342
1.4	5.7	-	14	517	738	2.6	105.185	GFL09-3M □□□090C12	E84DVB□1124S□1N2G	342
1.3	5.3	-	13	556	795	1.3	113.206	GFL07-3M □□□090C12	E84DVB□1124S□1N2G	342
1.3	5.3	-	13	562	803	2.3	114.333	GFL09-3M □□□090C12	E84DVB□1124S□1N2G	342
1.1	4.7	-	11	627	895	1.3	127.556	GFL07-3M □□□090C12	E84DVB□1124S□1N2G	342
1.1	4.7	-	11	633	905	2.3	128.852	GFL09-3M □□□090C12	E84DVB□1124S□1N2G	342
1.0	4.1	-	9.7	724	1034	1.1	147.347	GFL07-3M □□□090C12	E84DVB□1124S□1N2G	342
1.0	4.0	-	9.6	731	1045	2.0	148.815	GFL09-3M □□□090C12	E84DVB□1124S□1N2G	342
0.9	3.6	-	8.6	816	1166	1.1	166.025	GFL07-3M □□□090C12	E84DVB□1124S□1N2G	342
0.9	3.6	-	8.5	824	1177	2.0	167.712	GFL09-3M □□□090C12	E84DVB□1124S□1N2G	342
0.8	3.3	-	7.8	901	1287	1.0	183.285	GFL07-3M □□□090C12	E84DVB□1124S□1N2G	342
0.8	3.2	-	7.7	910	1300	1.7	185.111	GFL09-3M □□□090C12	E84DVB□1124S□1N2G	342
0.7	2.9	-	6.9	1015	1450	0.9	206.519	GFL07-3M □□□090C12	E84DVB□1124S□1N2G	342
0.7	2.9	-	6.9	1025	1465	1.7	208.617	GFL09-3M □□□090C12	E84DVB□1124S□1N2G	342
0.6	2.7	-	6.4	1104	1577	0.9	224.636	GFL07-3M □□□090C12	E84DVB□1124S□1N2G	342
0.6	2.7	-	6.4	1105	1578	1.5	224.778	GFL09-3M □□□090C12	E84DVB□1124S□1N2G	342
0.6	2.7	-	6.4	1104	1577	2.9	224.636	GFL11-3M □□□090C12	E84DVB□1124S□1N2G	342
0.6	2.4	-	5.7	1245	1778	1.5	253.321	GFL09-3M □□□090C12	E84DVB□1124S□1N2G	342
0.6	2.4	-	5.7	1244	1777	2.9	253.111	GFL11-3M □□□090C12	E84DVB□1124S□1N2G	342
0.5	2.3	-	5.4	1313	1876	2.7	267.259	GFL11-3M □□□090C12	E84DVB□1124S□1N2G	342
0.5	2.1	-	4.9	1430	2042	1.3	290.889	GFL09-3M □□□090C12	E84DVB□1124S□1N2G	342
0.4	1.8	-	4.4	1611	2301	1.3	327.827	GFL09-3M □□□090C12	E84DVB□1124S□1N2G	342
0.4	1.8	-	4.4	1610	2299	2.4	327.556	GFL11-3M □□□090C12	E84DVB□1124S□1N2G	342
0.4	1.7	-	4.1	1735	2478	1.1	353.033	GFL09-3M □□□090C12	E84DVB□1124S□1N2G	342
0.4	1.7	-	4.0	1760	2514	2.1	358.077	GFL11-3M □□□090C12	E84DVB□1124S□1N2G	342
0.4	1.5	-	3.6	1955	2793	1.1	397.863	GFL09-3M □□□090C12	E84DVB□1124S□1N2G	342



50 Hz: P_N = 1.10 kW

n_{22} / n_2 = 1 ... 10.0

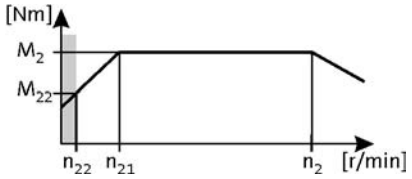
n_1 = 143.0 ... 1430 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
0.4	1.5	-	3.5	1983	2832	2.1	403.467	GFL11-3M □□□090C12	E84DVB□1124S□1N2G	342
0.3	1.4	-	3.4	2085	2978	0.9	424.247	GFL09-3M □□□090C12	E84DVB□1124S□1N2G	342
0.3	1.4	-	3.3	2114	3020	2.0	430.222	GFL11-3M □□□090C12	E84DVB□1124S□1N2G	342
0.3	1.2	-	2.7	2566	3665	1.6	522.133	GFL11-3M □□□090C12	E84DVB□1124S□1N2G	342
0.3	1.2	-	2.7	2566	3665	2.9	522.133	GFL14-3M □□□090C12	E84DVB□1124S□1N2G	342
0.3	1.1	-	2.5	2764	3948	1.4	562.391	GFL11-3M □□□090C12	E84DVB□1124S□1N2G	342
0.3	1.1	-	2.5	2764	3948	2.3	562.391	GFL14-3M □□□090C12	E84DVB□1124S□1N2G	342
0.2	1.0	-	2.3	3114	4448	1.3	633.680	GFL11-3M □□□090C12	E84DVB□1124S□1N2G	342
0.2	1.0	-	2.3	3114	4448	2.2	633.680	GFL14-3M □□□090C12	E84DVB□1124S□1N2G	342
0.2	0.8	-	1.8	3936	5623	1.0	801.000	GFL11-3M □□□090C12	E84DVB□1124S□1N2G	342
0.2	0.8	-	1.8	3936	5623	1.7	801.000	GFL14-3M □□□090C12	E84DVB□1124S□1N2G	342

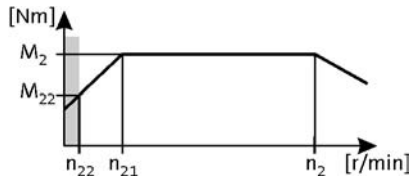
50 Hz: P_N = 1.50 kW

n_{22} / n_2 = 1 ... 10.0

n_1 = 143.5 ... 1435 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
39	164	-	392	25	35	3.1	3.659	GFL04-2M □□□090C32	E84DVB□1524S□1N2G	338
31	131	-	314	31	44	3.8	4.571	GFL05-2M □□□090C32	E84DVB□1524S□1N2G	334
29	120	-	286	34	49	2.3	5.018	GFL04-2M □□□090C32	E84DVB□1524S□1N2G	338
25	103	-	246	40	57	2.7	5.833	GFL04-2M □□□090C32	E84DVB□1524S□1N2G	338
22	94	-	224	43	62	2.8	6.400	GFL05-2M □□□090C32	E84DVB□1524S□1N2G	334
22	93	-	223	44	62	1.8	6.422	GFL04-2M □□□090C32	E84DVB□1524S□1N2G	338
20	85	-	204	48	68	1.7	7.025	GFL04-2M □□□090C32	E84DVB□1524S□1N2G	338
17	72	-	171	57	81	2.2	8.379	GFL04-2M □□□090C32	E84DVB□1524S□1N2G	338
16	67	-	159	61	87	3.0	9.010	GFL05-2M □□□090C32	E84DVB□1524S□1N2G	334
15	64	-	154	63	90	1.8	9.333	GFL04-2M □□□090C32	E84DVB□1524S□1N2G	338
14	60	-	144	67	96	2.9	9.946	GFL05-2M □□□090C32	E84DVB□1524S□1N2G	334
14	59	-	140	69	99	1.6	10.238	GFL04-2M □□□090C32	E84DVB□1524S□1N2G	338
13	53	-	126	77	110	2.5	11.360	GFL05-2M □□□090C32	E84DVB□1524S□1N2G	334
13	52	-	125	78	111	1.6	11.491	GFL04-2M □□□090C32	E84DVB□1524S□1N2G	338
11	47	-	112	87	124	1.3	12.800	GFL04-2M □□□090C32	E84DVB□1524S□1N2G	338
11	47	-	112	87	124	2.3	12.800	GFL05-2M □□□090C32	E84DVB□1524S□1N2G	334
9.9	41	-	99	99	141	2.1	14.538	GFL05-2M □□□090C32	E84DVB□1524S□1N2G	334
9.8	41	-	98	100	142	1.3	14.706	GFL04-2M □□□090C32	E84DVB□1524S□1N2G	338
9.0	38	-	90	108	154	2.0	15.904	GFL05-2M □□□090C32	E84DVB□1524S□1N2G	334
8.9	37	-	89	109	156	1.2	16.087	GFL04-2M □□□090C32	E84DVB□1524S□1N2G	338
8.0	34	-	80	122	174	1.0	17.920	GFL04-2M □□□090C32	E84DVB□1524S□1N2G	338
8.0	34	-	80	122	174	1.8	17.920	GFL05-2M □□□090C32	E84DVB□1524S□1N2G	334
7.1	30	-	71	138	197	1.7	20.286	GFL05-2M □□□090C32	E84DVB□1524S□1N2G	334
7.0	29	-	70	139	199	0.9	20.519	GFL04-2M □□□090C32	E84DVB□1524S□1N2G	338
7.0	29	-	70	140	199	3.2	20.571	GFL06-2M □□□090C32	E84DVB□1524S□1N2G	334
6.3	26	-	63	155	221	1.4	22.857	GFL05-2M □□□090C32	E84DVB□1524S□1N2G	334
6.2	26	-	62	157	224	2.7	23.175	GFL06-2M □□□090C32	E84DVB□1524S□1N2G	334
5.8	24	-	58	169	241	1.4	24.850	GFL05-2M □□□090C32	E84DVB□1524S□1N2G	334
5.7	24	-	57	171	244	2.7	25.200	GFL06-2M □□□090C32	E84DVB□1524S□1N2G	334
5.1	21	-	51	190	271	1.2	28.000	GFL05-2M □□□090C32	E84DVB□1524S□1N2G	334
5.1	21	-	51	193	275	2.2	28.389	GFL06-2M □□□090C32	E84DVB□1524S□1N2G	334
4.4	19	-	44	219	313	1.1	32.344	GFL05-2M □□□090C32	E84DVB□1524S□1N2G	334
4.4	18	-	44	222	318	2.0	32.800	GFL06-2M □□□090C32	E84DVB□1524S□1N2G	334
3.9	17	-	39	247	353	0.9	36.444	GFL05-2M □□□090C32	E84DVB□1524S□1N2G	334
3.9	16	-	39	251	358	1.7	36.951	GFL06-2M □□□090C32	E84DVB□1524S□1N2G	334
3.6	15	-	36	273	390	0.9	40.233	GFL05-2M □□□090C32	E84DVB□1524S□1N2G	334
3.6	15	-	36	269	384	2.9	39.642	GFL07-2M □□□090C32	E84DVB□1524S□1N2G	334
3.5	15	-	35	277	395	1.7	40.800	GFL06-2M □□□090C32	E84DVB□1524S□1N2G	334
3.2	13	-	32	303	433	2.9	44.667	GFL07-2M □□□090C32	E84DVB□1524S□1N2G	334
3.1	13	-	31	312	445	1.4	45.963	GFL06-2M □□□090C32	E84DVB□1524S□1N2G	334
2.8	12	-	28	353	504	2.4	52.067	GFL07-2M □□□090C32	E84DVB□1524S□1N2G	334



50 Hz: P_N = 1.50 kW

n_{22} / n_2 = 1 ... 10.0

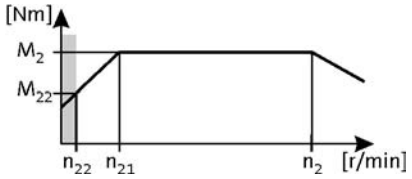
n_1 = 143.5 ... 1435 r/min

n_{22}	n_{21}		n_2	M_{22}	M_2	c	i			
[r/min]	[r/min]		[r/min]	[Nm]	[Nm]					
2.8	12	-	28	348	497	2.9	51.333	GFL09-2M □□□090C32	E84DVB□1524S□1N2G	334
2.7	11	-	27	358	511	1.3	52.800	GFL06-2M □□□090C32	E84DVB□1524S□1N2G	334
2.5	10	-	25	398	568	2.2	58.667	GFL07-2M □□□090C32	E84DVB□1524S□1N2G	334
2.5	10	-	25	392	560	2.9	57.852	GFL09-2M □□□090C32	E84DVB□1524S□1N2G	334
2.4	10	-	24	403	576	1.1	59.481	GFL06-2M □□□090C32	E84DVB□1524S□1N2G	334
2.3	9.5	-	23	428	612	2.0	63.190	GFL07-2M □□□090C32	E84DVB□1524S□1N2G	334
2.3	9.5	-	23	423	604	2.5	63.326	GFL09-3M □□□090C32	E84DVB□1524S□1N2G	342
2.3	9.6	-	23	422	603	2.6	62.300	GFL09-2M □□□090C32	E84DVB□1524S□1N2G	334
2.2	9.4	-	22	434	621	0.9	64.080	GFL06-2M □□□090C32	E84DVB□1524S□1N2G	334
2.2	9.2	-	22	436	623	1.4	65.306	GFL07-3M □□□090C32	E84DVB□1524S□1N2G	342
2.0	8.3	-	20	489	699	0.9	72.189	GFL06-2M □□□090C32	E84DVB□1524S□1N2G	334
2.0	8.3	-	20	484	691	1.3	72.452	GFL07-3M □□□090C32	E84DVB□1524S□1N2G	342
2.0	8.4	-	20	483	690	1.9	71.200	GFL07-2M □□□090C32	E84DVB□1524S□1N2G	334
2.0	8.2	-	20	489	698	2.2	73.173	GFL09-3M □□□090C32	E84DVB□1524S□1N2G	342
2.0	8.6	-	20	476	680	2.6	70.211	GFL09-2M □□□090C32	E84DVB□1524S□1N2G	334
1.8	7.5	-	18	542	774	1.1	79.875	GFL07-2M □□□090C32	E84DVB□1524S□1N2G	334
1.8	7.4	-	18	545	779	1.3	81.636	GFL07-3M □□□090C32	E84DVB□1524S□1N2G	342
1.8	7.6	-	18	534	763	2.0	78.750	GFL09-2M □□□090C32	E84DVB□1524S□1N2G	334
1.7	7.3	-	17	551	787	2.2	82.465	GFL09-3M □□□090C32	E84DVB□1524S□1N2G	342
1.6	6.7	-	16	610	872	1.1	90.000	GFL07-2M □□□090C32	E84DVB□1524S□1N2G	334
1.6	6.5	-	16	617	882	1.1	92.413	GFL07-3M □□□090C32	E84DVB□1524S□1N2G	342
1.6	6.8	-	16	602	860	2.0	88.750	GFL09-2M □□□090C32	E84DVB□1524S□1N2G	334
1.5	6.4	-	15	623	890	1.9	93.333	GFL09-3M □□□090C32	E84DVB□1524S□1N2G	342
1.4	5.8	-	14	695	993	1.1	104.127	GFL07-3M □□□090C32	E84DVB□1524S□1N2G	342
1.4	5.7	-	14	702	1003	1.9	105.185	GFL09-3M □□□090C32	E84DVB□1524S□1N2G	342
1.3	5.3	-	13	756	1080	1.0	113.206	GFL07-3M □□□090C32	E84DVB□1524S□1N2G	342
1.3	5.3	-	13	764	1091	1.7	114.333	GFL09-3M □□□090C32	E84DVB□1524S□1N2G	342
1.1	4.7	-	11	852	1217	1.0	127.556	GFL07-3M □□□090C32	E84DVB□1524S□1N2G	342
1.1	4.7	-	11	861	1229	1.7	128.852	GFL09-3M □□□090C32	E84DVB□1524S□1N2G	342
1.0	4.1	-	9.7	984	1406	0.8	147.347	GFL07-3M □□□090C32	E84DVB□1524S□1N2G	342
1.0	4.0	-	9.6	994	1420	1.5	148.815	GFL09-3M □□□090C32	E84DVB□1524S□1N2G	342
1.0	4.0	-	9.6	996	1423	2.7	149.144	GFL11-3M □□□090C32	E84DVB□1524S□1N2G	342
0.9	3.6	-	8.6	1120	1600	1.5	167.712	GFL09-3M □□□090C32	E84DVB□1524S□1N2G	342
0.9	3.6	-	8.5	1122	1603	2.7	168.049	GFL11-3M □□□090C32	E84DVB□1524S□1N2G	342
0.8	3.3	-	7.9	1221	1744	2.4	182.792	GFL11-3M □□□090C32	E84DVB□1524S□1N2G	342
0.8	3.2	-	7.8	1236	1766	1.3	185.111	GFL09-3M □□□090C32	E84DVB□1524S□1N2G	342
0.7	3.0	-	7.1	1350	1928	2.9	202.074	GFL14-3M □□□090C32	E84DVB□1524S□1N2G	342
0.7	2.9	-	7.0	1375	1965	2.4	205.963	GFL11-3M □□□090C32	E84DVB□1524S□1N2G	342
0.7	2.9	-	6.9	1393	1990	1.3	208.617	GFL09-3M □□□090C32	E84DVB□1524S□1N2G	342
0.6	2.7	-	6.4	1501	2144	1.1	224.778	GFL09-3M □□□090C32	E84DVB□1524S□1N2G	342
0.6	2.7	-	6.4	1500	2143	2.1	224.636	GFL11-3M □□□090C32	E84DVB□1524S□1N2G	342

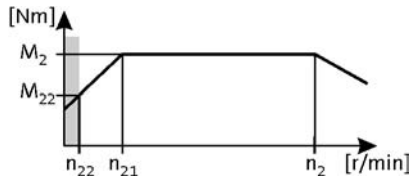
50 Hz: P_N = 1.50 kW

n_{22} / n_2 = 1 ... 10.0

n_1 = 143.5 ... 1435 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
0.6	2.4	-	5.7	1692	2417	1.1	253.321	GFL09-3M □□□090C32	E84DVB□1524S□1N2G	342
0.6	2.4	-	5.7	1690	2415	2.1	253.111	GFL11-3M □□□090C32	E84DVB□1524S□1N2G	342
0.5	2.3	-	5.4	1785	2550	2.0	267.259	GFL11-3M □□□090C32	E84DVB□1524S□1N2G	342
0.5	2.1	-	4.9	1943	2775	1.0	290.889	GFL09-3M □□□090C32	E84DVB□1524S□1N2G	342
0.4	1.8	-	4.4	2189	3127	1.0	327.827	GFL09-3M □□□090C32	E84DVB□1524S□1N2G	342
0.4	1.8	-	4.4	2187	3125	1.8	327.556	GFL11-3M □□□090C32	E84DVB□1524S□1N2G	342
0.4	1.7	-	4.1	2358	3368	0.8	353.033	GFL09-3M □□□090C32	E84DVB□1524S□1N2G	342
0.4	1.7	-	4.1	2356	3366	2.6	352.811	GFL14-3M □□□090C32	E84DVB□1524S□1N2G	342
0.4	1.7	-	4.0	2391	3416	1.6	358.077	GFL11-3M □□□090C32	E84DVB□1524S□1N2G	342
0.4	1.5	-	3.6	2657	3795	0.8	397.863	GFL09-3M □□□090C32	E84DVB□1524S□1N2G	342
0.4	1.5	-	3.6	2694	3849	1.6	403.467	GFL11-3M □□□090C32	E84DVB□1524S□1N2G	342
0.4	1.5	-	3.6	2655	3792	2.6	397.533	GFL14-3M □□□090C32	E84DVB□1524S□1N2G	342
0.3	1.4	-	3.3	2873	4104	1.5	430.222	GFL11-3M □□□090C32	E84DVB□1524S□1N2G	342
0.3	1.4	-	3.3	2873	4104	2.6	430.222	GFL14-3M □□□090C32	E84DVB□1524S□1N2G	342
0.3	1.2	-	2.8	3487	4981	1.2	522.133	GFL11-3M □□□090C32	E84DVB□1524S□1N2G	342
0.3	1.2	-	2.8	3487	4981	2.1	522.133	GFL14-3M □□□090C32	E84DVB□1524S□1N2G	342
0.3	1.1	-	2.6	3756	5365	1.0	562.391	GFL11-3M □□□090C32	E84DVB□1524S□1N2G	342
0.3	1.1	-	2.6	3756	5365	1.7	562.391	GFL14-3M □□□090C32	E84DVB□1524S□1N2G	342
0.2	1.0	-	2.3	4232	6045	1.0	633.680	GFL11-3M □□□090C32	E84DVB□1524S□1N2G	342
0.2	1.0	-	2.3	4232	6045	1.6	633.680	GFL14-3M □□□090C32	E84DVB□1524S□1N2G	342
0.2	0.8	-	1.8	5349	7641	1.3	801.000	GFL14-3M □□□090C32	E84DVB□1524S□1N2G	342



50 Hz: P_N = 2.20 kW

n_{22} / n_2 = 1 ... 10.0

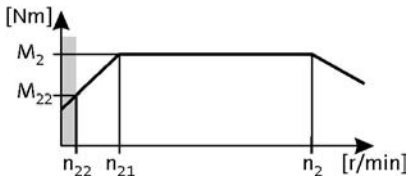
n_1 = 144.5 ... 1445 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
43	180	-	434	33	47	3.5	3.333	GFL05-2M □□□100C12	E84DVB□2224S□1N2G	334
32	131	-	316	45	65	2.6	4.571	GFL05-2M □□□100C12	E84DVB□2224S□1N2G	334
28	117	-	282	51	72	3.1	5.133	GFL05-2M □□□100C12	E84DVB□2224S□1N2G	334
26	106	-	255	56	80	2.9	5.667	GFL05-2M □□□100C12	E84DVB□2224S□1N2G	334
23	94	-	226	63	90	1.9	6.400	GFL05-2M □□□100C12	E84DVB□2224S□1N2G	334
21	85	-	205	69	99	2.5	7.040	GFL05-2M □□□100C12	E84DVB□2224S□1N2G	334
19	77	-	186	77	110	2.4	7.771	GFL05-2M □□□100C12	E84DVB□2224S□1N2G	334
16	67	-	160	89	127	2.1	9.010	GFL05-2M □□□100C12	E84DVB□2224S□1N2G	334
15	60	-	145	98	140	2.0	9.946	GFL05-2M □□□100C12	E84DVB□2224S□1N2G	334
14	60	-	143	99	142	3.2	10.092	GFL06-2M □□□100C12	E84DVB□2224S□1N2G	334
13	53	-	127	112	160	1.7	11.360	GFL05-2M □□□100C12	E84DVB□2224S□1N2G	334
11	47	-	113	126	181	1.6	12.800	GFL05-2M □□□100C12	E84DVB□2224S□1N2G	334
11	46	-	111	128	183	3.2	12.978	GFL06-2M □□□100C12	E84DVB□2224S□1N2G	334
9.9	41	-	99	143	205	1.5	14.538	GFL05-2M □□□100C12	E84DVB□2224S□1N2G	334
9.8	41	-	98	145	208	3.1	14.743	GFL06-2M □□□100C12	E84DVB□2224S□1N2G	334
9.1	38	-	91	157	224	1.4	15.904	GFL05-2M □□□100C12	E84DVB□2224S□1N2G	334
9.0	37	-	90	159	228	2.8	16.128	GFL06-2M □□□100C12	E84DVB□2224S□1N2G	334
8.1	34	-	81	177	253	1.2	17.920	GFL05-2M □□□100C12	E84DVB□2224S□1N2G	334
8.0	33	-	80	179	256	2.3	18.169	GFL06-2M □□□100C12	E84DVB□2224S□1N2G	334
7.1	30	-	71	200	286	1.2	20.286	GFL05-2M □□□100C12	E84DVB□2224S□1N2G	334
7.0	29	-	70	203	290	2.2	20.571	GFL06-2M □□□100C12	E84DVB□2224S□1N2G	334
6.3	26	-	63	225	322	1.0	22.857	GFL05-2M □□□100C12	E84DVB□2224S□1N2G	334
6.2	26	-	62	228	327	1.9	23.175	GFL06-2M □□□100C12	E84DVB□2224S□1N2G	334
5.8	24	-	58	245	351	1.0	24.850	GFL05-2M □□□100C12	E84DVB□2224S□1N2G	334
5.7	24	-	57	248	356	1.8	25.200	GFL06-2M □□□100C12	E84DVB□2224S□1N2G	334
5.2	21	-	52	276	395	3.1	28.000	GFL07-2M □□□100C12	E84DVB□2224S□1N2G	334
5.1	21	-	51	280	400	1.5	28.389	GFL06-2M □□□100C12	E84DVB□2224S□1N2G	334
4.5	19	-	45	319	456	3.0	32.344	GFL07-2M □□□100C12	E84DVB□2224S□1N2G	334
4.4	18	-	44	323	463	1.4	32.800	GFL06-2M □□□100C12	E84DVB□2224S□1N2G	334
4.0	17	-	40	359	514	2.4	36.444	GFL07-2M □□□100C12	E84DVB□2224S□1N2G	334
3.9	16	-	39	364	521	1.2	36.951	GFL06-2M □□□100C12	E84DVB□2224S□1N2G	334
3.7	15	-	37	390	559	2.5	39.642	GFL07-2M □□□100C12	E84DVB□2224S□1N2G	334
3.5	15	-	35	402	576	1.1	40.800	GFL06-2M □□□100C12	E84DVB□2224S□1N2G	334
3.2	13	-	32	440	630	2.0	44.667	GFL07-2M □□□100C12	E84DVB□2224S□1N2G	334
3.1	13	-	31	453	648	0.9	45.963	GFL06-2M □□□100C12	E84DVB□2224S□1N2G	334
2.8	12	-	28	513	734	1.8	52.067	GFL07-2M □□□100C12	E84DVB□2224S□1N2G	334
2.8	12	-	28	506	724	2.8	51.333	GFL09-2M □□□100C12	E84DVB□2224S□1N2G	334
2.5	10	-	25	578	828	1.5	58.667	GFL07-2M □□□100C12	E84DVB□2224S□1N2G	334
2.5	10	-	25	570	816	2.8	57.852	GFL09-2M □□□100C12	E84DVB□2224S□1N2G	334
2.3	9.5	-	23	622	891	1.4	63.190	GFL07-2M □□□100C12	E84DVB□2224S□1N2G	334
2.3	9.5	-	23	614	880	1.7	63.326	GFL09-3M □□□100C12	E84DVB□2224S□1N2G	342

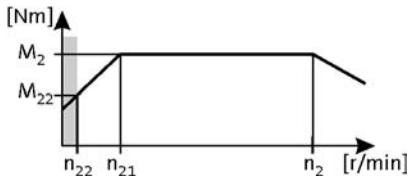
50 Hz: P_N = 2.20 kW

n_{22} / n_2 = 1 ... 10.0

n_1 = 144.5 ... 1445 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
2.3	9.6	-	23	614	879	2.3	62.300	GFL09-2M □□□100C12	E84DVB□2224S□1N2G	334
2.3	9.5	-	23	622	891	2.9	63.190	GFL11-2M □□□100C12	E84DVB□2224S□1N2G	334
2.2	9.2	-	22	634	907	1.0	65.306	GFL07-3M □□□100C12	E84DVB□2224S□1N2G	342
2.2	9.2	-	22	634	907	3.2	65.306	GFL11-3M □□□100C12	E84DVB□2224S□1N2G	342
2.1	8.6	-	21	691	990	2.3	70.211	GFL09-2M □□□100C12	E84DVB□2224S□1N2G	334
2.0	8.3	-	20	703	1007	0.9	72.452	GFL07-3M □□□100C12	E84DVB□2224S□1N2G	342
2.0	8.4	-	20	701	1004	1.3	71.200	GFL07-2M □□□100C12	E84DVB□2224S□1N2G	334
2.0	8.2	-	20	710	1017	1.5	73.173	GFL09-3M □□□100C12	E84DVB□2224S□1N2G	342
2.0	8.2	-	20	711	1019	2.8	73.335	GFL11-3M □□□100C12	E84DVB□2224S□1N2G	342
2.0	8.4	-	20	701	1004	2.9	71.200	GFL11-2M □□□100C12	E84DVB□2224S□1N2G	334
1.8	7.4	-	18	792	1134	0.9	81.636	GFL07-3M □□□100C12	E84DVB□2224S□1N2G	342
1.8	7.3	-	18	800	1146	1.5	82.465	GFL09-3M □□□100C12	E84DVB□2224S□1N2G	342
1.8	7.6	-	18	776	1111	1.5	78.750	GFL09-2M □□□100C12	E84DVB□2224S□1N2G	334
1.8	7.5	-	18	787	1127	2.3	79.875	GFL11-2M □□□100C12	E84DVB□2224S□1N2G	334
1.8	7.3	-	18	802	1148	2.8	82.631	GFL11-3M □□□100C12	E84DVB□2224S□1N2G	342
1.6	6.4	-	16	905	1297	1.3	93.333	GFL09-3M □□□100C12	E84DVB□2224S□1N2G	342
1.6	6.8	-	16	874	1252	1.4	88.750	GFL09-2M □□□100C12	E84DVB□2224S□1N2G	334
1.6	6.7	-	16	886	1270	2.3	90.000	GFL11-2M □□□100C12	E84DVB□2224S□1N2G	334
1.5	6.4	-	15	907	1300	2.5	93.540	GFL11-3M □□□100C12	E84DVB□2224S□1N2G	342
1.4	5.7	-	14	1020	1462	1.3	105.185	GFL09-3M □□□100C12	E84DVB□2224S□1N2G	342
1.4	5.7	-	14	1022	1464	2.5	105.397	GFL11-3M □□□100C12	E84DVB□2224S□1N2G	342
1.3	5.3	-	13	1109	1589	1.2	114.333	GFL09-3M □□□100C12	E84DVB□2224S□1N2G	342
1.3	5.2	-	13	1112	1592	2.2	114.586	GFL11-3M □□□100C12	E84DVB□2224S□1N2G	342
1.1	4.7	-	11	1250	1790	1.2	128.852	GFL09-3M □□□100C12	E84DVB□2224S□1N2G	342
1.1	4.7	-	11	1252	1794	2.2	129.111	GFL11-3M □□□100C12	E84DVB□2224S□1N2G	342
1.0	4.0	-	9.7	1444	2068	1.0	148.815	GFL09-3M □□□100C12	E84DVB□2224S□1N2G	342
1.0	4.0	-	9.7	1447	2072	1.9	149.144	GFL11-3M □□□100C12	E84DVB□2224S□1N2G	342
0.9	3.6	-	8.6	1627	2330	1.0	167.712	GFL09-3M □□□100C12	E84DVB□2224S□1N2G	342
0.9	3.6	-	8.6	1630	2335	1.9	168.049	GFL11-3M □□□100C12	E84DVB□2224S□1N2G	342
0.8	3.3	-	7.9	1773	2540	1.7	182.792	GFL11-3M □□□100C12	E84DVB□2224S□1N2G	342
0.8	3.2	-	7.8	1796	2572	0.9	185.111	GFL09-3M □□□100C12	E84DVB□2224S□1N2G	342
0.7	3.0	-	7.2	1960	2808	2.8	202.074	GFL14-3M □□□100C12	E84DVB□2224S□1N2G	342
0.7	2.9	-	7.0	1998	2862	1.7	205.963	GFL11-3M □□□100C12	E84DVB□2224S□1N2G	342
0.7	2.9	-	6.9	2024	2899	0.9	208.617	GFL09-3M □□□100C12	E84DVB□2224S□1N2G	342
0.6	2.7	-	6.4	2179	3121	1.5	224.636	GFL11-3M □□□100C12	E84DVB□2224S□1N2G	342
0.6	2.7	-	6.4	2179	3121	2.8	224.636	GFL14-3M □□□100C12	E84DVB□2224S□1N2G	342
0.6	2.4	-	5.7	2455	3517	1.5	253.111	GFL11-3M □□□100C12	E84DVB□2224S□1N2G	342
0.6	2.4	-	5.7	2455	3517	2.8	253.111	GFL14-3M □□□100C12	E84DVB□2224S□1N2G	342
0.5	2.3	-	5.4	2592	3713	1.4	267.259	GFL11-3M □□□100C12	E84DVB□2224S□1N2G	342
0.5	2.2	-	5.3	2656	3804	2.6	273.778	GFL14-3M □□□100C12	E84DVB□2224S□1N2G	342
0.4	1.8	-	4.4	3177	4551	1.2	327.556	GFL11-3M □□□100C12	E84DVB□2224S□1N2G	342



50 Hz: P_N = 2.20 kW

n_{22} / n_2 = 1 ... 10.0

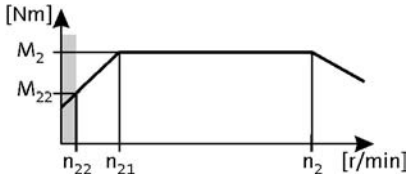
n_1 = 144.5 ... 1445 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
0.4	1.8	-	4.4	3225	4619	2.3	332.444	GFL14-3M □□□100C12	E84DVB□2224S□1N2G	342
0.4	1.7	-	4.1	3422	4902	2.1	352.811	GFL14-3M □□□100C12	E84DVB□2224S□1N2G	342
0.4	1.7	-	4.0	3473	4975	1.1	358.077	GFL11-3M □□□100C12	E84DVB□2224S□1N2G	342
0.4	1.5	-	3.6	3914	5606	1.1	403.467	GFL11-3M □□□100C12	E84DVB□2224S□1N2G	342
0.4	1.5	-	3.6	3856	5523	2.1	397.533	GFL14-3M □□□100C12	E84DVB□2224S□1N2G	342
0.3	1.4	-	3.4	4173	5978	1.0	430.222	GFL11-3M □□□100C12	E84DVB□2224S□1N2G	342
0.3	1.4	-	3.4	4173	5978	1.8	430.222	GFL14-3M □□□100C12	E84DVB□2224S□1N2G	342
0.3	1.2	-	2.8	5065	7255	0.8	522.133	GFL11-3M □□□100C12	E84DVB□2224S□1N2G	342
0.3	1.2	-	2.8	5065	7255	1.5	522.133	GFL14-3M □□□100C12	E84DVB□2224S□1N2G	342
0.3	1.1	-	2.6	5455	7814	1.2	562.391	GFL14-3M □□□100C12	E84DVB□2224S□1N2G	342
0.2	1.0	-	2.3	6147	8805	1.1	633.680	GFL14-3M □□□100C12	E84DVB□2224S□1N2G	342
0.2	0.8	-	1.8	7770	11129	0.9	801.000	GFL14-3M □□□100C12	E84DVB□2224S□1N2G	342

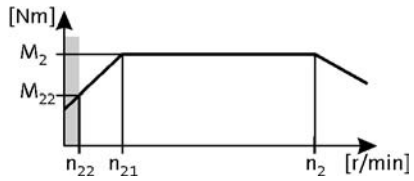
50 Hz: P_N = 3.00 kW

n_{22} / n_2 = 1 ... 10.0

n_1 = 144.5 ... 1445 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
43	180	-	434	45	64	2.6	3.333	GFL05-2M □□□100C32	E84DVB□3024S□1N2G	334
32	131	-	316	62	88	1.9	4.571	GFL05-2M □□□100C32	E84DVB□3024S□1N2G	334
28	117	-	282	69	99	2.3	5.133	GFL05-2M □□□100C32	E84DVB□3024S□1N2G	334
26	106	-	255	76	109	2.1	5.667	GFL05-2M □□□100C32	E84DVB□3024S□1N2G	334
23	94	-	226	86	123	1.4	6.400	GFL05-2M □□□100C32	E84DVB□3024S□1N2G	334
22	93	-	224	87	124	2.8	6.450	GFL06-2M □□□100C32	E84DVB□3024S□1N2G	334
21	85	-	205	95	135	1.8	7.040	GFL05-2M □□□100C32	E84DVB□3024S□1N2G	334
20	84	-	202	96	138	3.2	7.147	GFL06-2M □□□100C32	E84DVB□3024S□1N2G	334
19	77	-	186	105	150	1.7	7.771	GFL05-2M □□□100C32	E84DVB□3024S□1N2G	334
16	67	-	160	121	173	1.5	9.010	GFL05-2M □□□100C32	E84DVB□3024S□1N2G	334
15	63	-	153	127	182	3.2	9.463	GFL06-2M □□□100C32	E84DVB□3024S□1N2G	334
15	60	-	145	134	191	1.4	9.946	GFL05-2M □□□100C32	E84DVB□3024S□1N2G	334
14	60	-	143	136	194	2.4	10.092	GFL06-2M □□□100C32	E84DVB□3024S□1N2G	334
13	53	-	127	153	219	1.3	11.360	GFL05-2M □□□100C32	E84DVB□3024S□1N2G	334
13	52	-	125	155	222	2.9	11.520	GFL06-2M □□□100C32	E84DVB□3024S□1N2G	334
11	47	-	113	172	246	1.2	12.800	GFL05-2M □□□100C32	E84DVB□3024S□1N2G	334
11	46	-	111	175	250	2.4	12.978	GFL06-2M □□□100C32	E84DVB□3024S□1N2G	334
9.9	41	-	99	196	280	1.1	14.538	GFL05-2M □□□100C32	E84DVB□3024S□1N2G	334
9.8	41	-	98	198	284	2.3	14.743	GFL06-2M □□□100C32	E84DVB□3024S□1N2G	334
9.1	38	-	91	214	306	1.0	15.904	GFL05-2M □□□100C32	E84DVB□3024S□1N2G	334
9.0	37	-	90	217	310	2.1	16.128	GFL06-2M □□□100C32	E84DVB□3024S□1N2G	334
8.1	34	-	81	241	345	0.9	17.920	GFL05-2M □□□100C32	E84DVB□3024S□1N2G	334
8.0	33	-	80	244	350	1.7	18.169	GFL06-2M □□□100C32	E84DVB□3024S□1N2G	334
7.1	30	-	71	273	390	0.9	20.286	GFL05-2M □□□100C32	E84DVB□3024S□1N2G	334
7.1	30	-	71	273	390	3.2	20.286	GFL07-2M □□□100C32	E84DVB□3024S□1N2G	334
7.0	29	-	70	277	396	1.6	20.571	GFL06-2M □□□100C32	E84DVB□3024S□1N2G	334
6.3	26	-	63	307	440	2.8	22.857	GFL07-2M □□□100C32	E84DVB□3024S□1N2G	334
6.2	26	-	62	312	446	1.4	23.175	GFL06-2M □□□100C32	E84DVB□3024S□1N2G	334
5.8	24	-	58	334	478	2.8	24.850	GFL07-2M □□□100C32	E84DVB□3024S□1N2G	334
5.7	24	-	57	339	485	1.3	25.200	GFL06-2M □□□100C32	E84DVB□3024S□1N2G	334
5.2	21	-	52	377	539	2.3	28.000	GFL07-2M □□□100C32	E84DVB□3024S□1N2G	334
5.1	21	-	51	382	546	1.1	28.389	GFL06-2M □□□100C32	E84DVB□3024S□1N2G	334
4.5	19	-	45	435	622	2.2	32.344	GFL07-2M □□□100C32	E84DVB□3024S□1N2G	334
4.4	18	-	44	441	631	1.0	32.800	GFL06-2M □□□100C32	E84DVB□3024S□1N2G	334
4.4	18	-	44	439	628	3.0	32.667	GFL09-2M □□□100C32	E84DVB□3024S□1N2G	334
4.0	17	-	40	490	701	1.8	36.444	GFL07-2M □□□100C32	E84DVB□3024S□1N2G	334
3.9	16	-	39	497	711	0.9	36.951	GFL06-2M □□□100C32	E84DVB□3024S□1N2G	334
3.9	16	-	39	495	708	3.0	36.815	GFL09-2M □□□100C32	E84DVB□3024S□1N2G	334
3.7	15	-	37	533	763	1.8	39.642	GFL07-2M □□□100C32	E84DVB□3024S□1N2G	334
3.6	15	-	36	533	763	2.5	39.667	GFL09-2M □□□100C32	E84DVB□3024S□1N2G	334
3.5	15	-	35	549	785	0.8	40.800	GFL06-2M □□□100C32	E84DVB□3024S□1N2G	334



50 Hz: P_N = 3.00 kW

n_{22} / n_2 = 1 ... 10.0

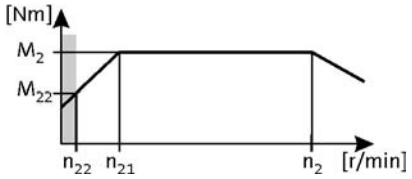
n_1 = 144.5 ... 1445 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
3.2	13	-	32	601	859	1.5	44.667	GFL07-2M □□□100C32	E84DVB□3024S□1N2G	334
3.2	13	-	32	601	860	2.5	44.704	GFL09-2M □□□100C32	E84DVB□3024S□1N2G	334
2.8	12	-	28	700	1002	1.3	52.067	GFL07-2M □□□100C32	E84DVB□3024S□1N2G	334
2.8	12	-	28	690	987	2.0	51.333	GFL09-2M □□□100C32	E84DVB□3024S□1N2G	334
2.8	12	-	28	700	1002	2.5	52.067	GFL11-2M □□□100C32	E84DVB□3024S□1N2G	334
2.5	10	-	25	789	1129	1.1	58.667	GFL07-2M □□□100C32	E84DVB□3024S□1N2G	334
2.5	10	-	25	778	1113	2.0	57.852	GFL09-2M □□□100C32	E84DVB□3024S□1N2G	334
2.5	10	-	25	789	1129	2.5	58.667	GFL11-2M □□□100C32	E84DVB□3024S□1N2G	334
2.3	9.5	-	23	850	1216	1.0	63.190	GFL07-2M □□□100C32	E84DVB□3024S□1N2G	334
2.3	9.5	-	23	839	1200	1.3	63.326	GFL09-3M □□□100C32	E84DVB□3024S□1N2G	342
2.3	9.6	-	23	838	1198	1.7	62.300	GFL09-2M □□□100C32	E84DVB□3024S□1N2G	334
2.3	9.5	-	23	850	1216	2.1	63.190	GFL11-2M □□□100C32	E84DVB□3024S□1N2G	334
2.2	9.2	-	22	865	1237	2.3	65.306	GFL11-3M □□□100C32	E84DVB□3024S□1N2G	342
2.1	8.6	-	21	944	1351	1.7	70.211	GFL09-2M □□□100C32	E84DVB□3024S□1N2G	334
2.0	8.4	-	20	957	1370	0.9	71.200	GFL07-2M □□□100C32	E84DVB□3024S□1N2G	334
2.0	8.2	-	20	969	1386	1.1	73.173	GFL09-3M □□□100C32	E84DVB□3024S□1N2G	342
2.0	8.2	-	20	971	1390	2.1	73.335	GFL11-3M □□□100C32	E84DVB□3024S□1N2G	342
2.0	8.4	-	20	957	1370	2.1	71.200	GFL11-2M □□□100C32	E84DVB□3024S□1N2G	334
1.8	7.6	-	18	1059	1515	1.1	78.750	GFL09-2M □□□100C32	E84DVB□3024S□1N2G	334
1.8	7.3	-	18	1092	1562	1.1	82.465	GFL09-3M □□□100C32	E84DVB□3024S□1N2G	342
1.8	7.5	-	18	1074	1536	1.7	79.875	GFL11-2M □□□100C32	E84DVB□3024S□1N2G	334
1.8	7.3	-	18	1095	1566	2.1	82.631	GFL11-3M □□□100C32	E84DVB□3024S□1N2G	342
1.6	6.8	-	16	1193	1707	1.0	88.750	GFL09-2M □□□100C32	E84DVB□3024S□1N2G	334
1.6	6.4	-	16	1236	1768	1.0	93.333	GFL09-3M □□□100C32	E84DVB□3024S□1N2G	342
1.6	6.7	-	16	1210	1731	1.7	90.000	GFL11-2M □□□100C32	E84DVB□3024S□1N2G	334
1.5	6.4	-	15	1239	1772	1.8	93.540	GFL11-3M □□□100C32	E84DVB□3024S□1N2G	342
1.4	5.7	-	14	1393	1993	1.0	105.185	GFL09-3M □□□100C32	E84DVB□3024S□1N2G	342
1.4	5.7	-	14	1396	1997	1.8	105.397	GFL11-3M □□□100C32	E84DVB□3024S□1N2G	342
1.4	5.7	-	14	1389	1987	3.0	104.889	GFL14-3M □□□100C32	E84DVB□3024S□1N2G	342
1.3	5.3	-	13	1514	2166	0.9	114.333	GFL09-3M □□□100C32	E84DVB□3024S□1N2G	342
1.3	5.2	-	13	1518	2171	1.6	114.586	GFL11-3M □□□100C32	E84DVB□3024S□1N2G	342
1.3	5.3	-	13	1512	2162	3.0	114.126	GFL14-3M □□□100C32	E84DVB□3024S□1N2G	342
1.1	4.7	-	11	1707	2441	0.9	128.852	GFL09-3M □□□100C32	E84DVB□3024S□1N2G	342
1.1	4.7	-	11	1710	2446	1.6	129.111	GFL11-3M □□□100C32	E84DVB□3024S□1N2G	342
1.1	4.7	-	11	1703	2436	3.0	128.593	GFL14-3M □□□100C32	E84DVB□3024S□1N2G	342
1.0	4.0	-	9.7	1976	2826	1.4	149.144	GFL11-3M □□□100C32	E84DVB□3024S□1N2G	342
0.9	3.8	-	9.3	2068	2959	2.5	156.148	GFL14-3M □□□100C32	E84DVB□3024S□1N2G	342
0.9	3.6	-	8.6	2226	3184	1.4	168.049	GFL11-3M □□□100C32	E84DVB□3024S□1N2G	342
0.9	3.5	-	8.5	2253	3222	2.6	170.074	GFL14-3M □□□100C32	E84DVB□3024S□1N2G	342
0.8	3.3	-	7.9	2421	3463	1.2	182.792	GFL11-3M □□□100C32	E84DVB□3024S□1N2G	342
0.7	3.0	-	7.2	2677	3829	2.0	202.074	GFL14-3M □□□100C32	E84DVB□3024S□1N2G	342

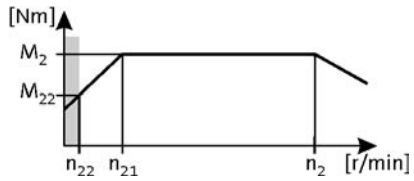
50 Hz: P_N = 3.00 kW

n_{22} / n_2 = 1 ... 10.0

n_1 = 144.5 ... 1445 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
0.7	2.9	-	7.0	2728	3902	1.2	205.963	GFL11-3M □□□100C32	E84DVB□3024S□1N2G	342
0.6	2.7	-	6.4	2975	4256	1.1	224.636	GFL11-3M □□□100C32	E84DVB□3024S□1N2G	342
0.6	2.7	-	6.4	2975	4256	2.1	224.636	GFL14-3M □□□100C32	E84DVB□3024S□1N2G	342
0.6	2.4	-	5.7	3353	4796	1.1	253.111	GFL11-3M □□□100C32	E84DVB□3024S□1N2G	342
0.6	2.4	-	5.7	3353	4796	2.1	253.111	GFL14-3M □□□100C32	E84DVB□3024S□1N2G	342
0.5	2.3	-	5.4	3540	5064	1.0	267.259	GFL11-3M □□□100C32	E84DVB□3024S□1N2G	342
0.5	2.2	-	5.3	3626	5187	1.9	273.778	GFL14-3M □□□100C32	E84DVB□3024S□1N2G	342
0.4	1.8	-	4.4	4339	6206	0.9	327.556	GFL11-3M □□□100C32	E84DVB□3024S□1N2G	342
0.4	1.8	-	4.4	4403	6299	1.7	332.444	GFL14-3M □□□100C32	E84DVB□3024S□1N2G	342
0.4	1.7	-	4.1	4673	6685	1.6	352.811	GFL14-3M □□□100C32	E84DVB□3024S□1N2G	342
0.4	1.5	-	3.6	5266	7532	1.5	397.533	GFL14-3M □□□100C32	E84DVB□3024S□1N2G	342
0.3	1.4	-	3.4	5699	8151	1.3	430.222	GFL14-3M □□□100C32	E84DVB□3024S□1N2G	342
0.3	1.2	-	2.8	6916	9893	1.1	522.133	GFL14-3M □□□100C32	E84DVB□3024S□1N2G	342
0.3	1.1	-	2.6	7449	10656	0.9	562.391	GFL14-3M □□□100C32	E84DVB□3024S□1N2G	342
0.2	1.0	-	2.3	8394	12006	0.8	633.680	GFL14-3M □□□100C32	E84DVB□3024S□1N2G	342



87 Hz: P_N = 1.35 kW

n_{22} / n_2 = 1 ... 17.4

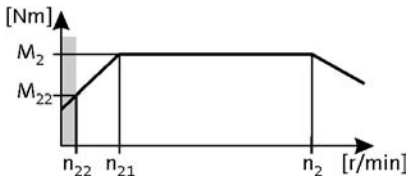
n_1 = 144.8 ... 2520 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
40	164	-	689	14	18	3.5	3.659	GFL04-2M □□□080C32	E84DVB□1524S□1N2G	334
29	120	-	502	19	25	3.5	5.018	GFL04-2M □□□080C32	E84DVB□1524S□1N2G	334
25	103	-	432	22	29	3.5	5.833	GFL04-2M □□□080C32	E84DVB□1524S□1N2G	334
23	93	-	392	24	32	3.0	6.422	GFL04-2M □□□080C32	E84DVB□1524S□1N2G	334
21	85	-	359	27	35	2.7	7.025	GFL04-2M □□□080C32	E84DVB□1524S□1N2G	334
17	72	-	301	32	41	3.5	8.379	GFL04-2M □□□080C32	E84DVB□1524S□1N2G	334
16	64	-	270	35	46	3.0	9.333	GFL04-2M □□□080C32	E84DVB□1524S□1N2G	334
14	59	-	246	39	51	2.7	10.238	GFL04-2M □□□080C32	E84DVB□1524S□1N2G	334
13	52	-	219	44	57	2.7	11.491	GFL04-2M □□□080C32	E84DVB□1524S□1N2G	334
11	47	-	197	49	63	2.2	12.800	GFL04-2M □□□080C32	E84DVB□1524S□1N2G	334
9.9	41	-	171	56	73	2.1	14.706	GFL04-2M □□□080C32	E84DVB□1524S□1N2G	334
9.0	37	-	157	61	79	1.9	16.087	GFL04-2M □□□080C32	E84DVB□1524S□1N2G	334
8.1	34	-	141	68	88	1.6	17.920	GFL04-2M □□□080C32	E84DVB□1524S□1N2G	334
7.1	29	-	123	78	101	1.5	20.519	GFL04-2M □□□080C32	E84DVB□1524S□1N2G	334
6.3	26	-	110	87	113	1.3	22.857	GFL04-2M □□□080C32	E84DVB□1524S□1N2G	334
6.3	26	-	110	87	113	2.3	22.857	GFL05-2M □□□080C32	E84DVB□1524S□1N2G	334
5.8	24	-	101	94	123	2.7	24.850	GFL05-2M □□□080C32	E84DVB□1524S□1N2G	334
5.8	24	-	100	95	124	1.4	25.136	GFL04-2M □□□080C32	E84DVB□1524S□1N2G	334
5.2	21	-	90	106	138	1.2	28.000	GFL04-2M □□□080C32	E84DVB□1524S□1N2G	334
5.2	21	-	90	106	138	2.2	28.000	GFL05-2M □□□080C32	E84DVB□1524S□1N2G	334
4.6	19	-	80	120	156	1.1	31.600	GFL04-2M □□□080C32	E84DVB□1524S□1N2G	334
4.5	19	-	78	123	159	2.1	32.344	GFL05-2M □□□080C32	E84DVB□1524S□1N2G	334
4.1	17	-	72	134	174	0.9	35.200	GFL04-2M □□□080C32	E84DVB□1524S□1N2G	334
4.0	17	-	69	138	180	1.7	36.444	GFL05-2M □□□080C32	E84DVB□1524S□1N2G	334
3.6	15	-	63	153	198	1.7	40.233	GFL05-2M □□□080C32	E84DVB□1524S□1N2G	334
3.6	15	-	62	154	201	0.9	40.697	GFL04-2M □□□080C32	E84DVB□1524S□1N2G	334
3.6	15	-	62	155	201	2.8	40.800	GFL06-2M □□□080C32	E84DVB□1524S□1N2G	334
3.2	13	-	56	172	223	1.4	45.333	GFL05-2M □□□080C32	E84DVB□1524S□1N2G	334
3.2	13	-	55	174	227	2.6	45.963	GFL06-2M □□□080C32	E84DVB□1524S□1N2G	334
2.8	12	-	48	198	257	1.2	52.067	GFL05-2M □□□080C32	E84DVB□1524S□1N2G	334
2.7	11	-	48	200	260	2.4	52.800	GFL06-2M □□□080C32	E84DVB□1524S□1N2G	334
2.8	12	-	48	198	257	2.8	52.067	GFL07-2M □□□080C32	E84DVB□1524S□1N2G	334
2.5	10	-	43	223	289	1.1	58.667	GFL05-2M □□□080C32	E84DVB□1524S□1N2G	334
2.5	10	-	43	223	289	2.8	58.667	GFL07-2M □□□080C32	E84DVB□1524S□1N2G	334
2.4	10	-	42	226	293	2.0	59.481	GFL06-2M □□□080C32	E84DVB□1524S□1N2G	334
2.3	9.5	-	40	240	311	0.9	63.190	GFL05-2M □□□080C32	E84DVB□1524S□1N2G	334
2.3	9.5	-	40	240	311	2.4	63.190	GFL07-2M □□□080C32	E84DVB□1524S□1N2G	334
2.3	9.4	-	39	243	316	1.7	64.080	GFL06-2M □□□080C32	E84DVB□1524S□1N2G	334
2.2	9.2	-	39	244	317	2.8	65.306	GFL07-3M □□□080C32	E84DVB□1524S□1N2G	342
2.2	9.1	-	38	248	321	1.5	66.213	GFL06-3M □□□080C32	E84DVB□1524S□1N2G	342
2.0	8.4	-	35	270	351	0.9	71.200	GFL05-2M □□□080C32	E84DVB□1524S□1N2G	334

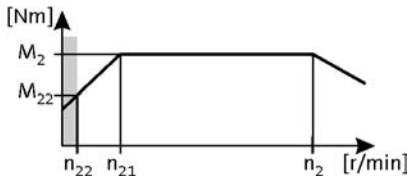
87 Hz: P_N = 1.35 kW

n_{22} / n_2 = 1 ... 17.4

n_1 = 144.8 ... 2520 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
2.0	8.3	-	35	269	350	1.4	72.000	GFL06-3M □□□080C32	E84DVB□1524S□1N2G	342
2.0	8.3	-	35	274	356	1.7	72.189	GFL06-2M □□□080C32	E84DVB□1524S□1N2G	334
2.0	8.3	-	35	271	352	2.5	72.452	GFL07-3M □□□080C32	E84DVB□1524S□1N2G	342
2.0	8.4	-	35	270	351	2.5	71.200	GFL07-2M □□□080C32	E84DVB□1524S□1N2G	334
1.8	7.5	-	32	303	394	2.0	79.875	GFL07-2M □□□080C32	E84DVB□1524S□1N2G	334
1.8	7.4	-	31	307	399	1.1	81.000	GFL06-2M □□□080C32	E84DVB□1524S□1N2G	334
1.8	7.4	-	31	303	394	1.3	81.111	GFL06-3M □□□080C32	E84DVB□1524S□1N2G	342
1.8	7.4	-	31	305	396	2.5	81.636	GFL07-3M □□□080C32	E84DVB□1524S□1N2G	342
1.6	6.8	-	29	330	428	1.1	88.200	GFL06-3M □□□080C32	E84DVB□1524S□1N2G	342
1.6	6.6	-	28	346	450	1.1	91.250	GFL06-2M □□□080C32	E84DVB□1524S□1N2G	334
1.6	6.7	-	28	342	444	2.0	90.000	GFL07-2M □□□080C32	E84DVB□1524S□1N2G	334
1.6	6.5	-	27	345	449	2.1	92.413	GFL07-3M □□□080C32	E84DVB□1524S□1N2G	342
1.5	6.0	-	25	371	482	1.1	99.361	GFL06-3M □□□080C32	E84DVB□1524S□1N2G	342
1.4	5.8	-	24	389	506	2.1	104.127	GFL07-3M □□□080C32	E84DVB□1524S□1N2G	342
1.2	5.2	-	22	436	566	0.9	116.571	GFL06-3M □□□080C32	E84DVB□1524S□1N2G	342
1.3	5.3	-	22	423	550	1.9	113.206	GFL07-3M □□□080C32	E84DVB□1524S□1N2G	342
1.1	4.7	-	20	477	619	1.9	127.556	GFL07-3M □□□080C32	E84DVB□1524S□1N2G	342
1.1	4.6	-	19	491	638	0.9	131.323	GFL06-3M □□□080C32	E84DVB□1524S□1N2G	342
1.0	4.1	-	17	551	715	1.6	147.347	GFL07-3M □□□080C32	E84DVB□1524S□1N2G	342
1.0	4.0	-	17	556	722	2.8	148.815	GFL09-3M □□□080C32	E84DVB□1524S□1N2G	342
0.9	3.6	-	15	621	806	1.6	166.025	GFL07-3M □□□080C32	E84DVB□1524S□1N2G	342
0.9	3.6	-	15	627	814	2.8	167.712	GFL09-3M □□□080C32	E84DVB□1524S□1N2G	342
0.8	3.3	-	14	685	890	1.4	183.285	GFL07-3M □□□080C32	E84DVB□1524S□1N2G	342
0.8	3.2	-	14	692	899	2.5	185.111	GFL09-3M □□□080C32	E84DVB□1524S□1N2G	342
0.7	2.9	-	12	772	1003	1.2	206.519	GFL07-3M □□□080C32	E84DVB□1524S□1N2G	342
0.7	2.9	-	12	780	1013	2.5	208.617	GFL09-3M □□□080C32	E84DVB□1524S□1N2G	342
0.6	2.7	-	11	840	1090	1.2	224.636	GFL07-3M □□□080C32	E84DVB□1524S□1N2G	342
0.6	2.7	-	11	840	1091	2.2	224.778	GFL09-3M □□□080C32	E84DVB□1524S□1N2G	342
0.6	2.4	-	10	946	1229	1.0	253.111	GFL07-3M □□□080C32	E84DVB□1524S□1N2G	342
0.6	2.4	-	10	947	1230	2.2	253.321	GFL09-3M □□□080C32	E84DVB□1524S□1N2G	342
0.5	2.1	-	8.7	1087	1411	1.0	290.706	GFL07-3M □□□080C32	E84DVB□1524S□1N2G	342
0.5	2.1	-	8.7	1087	1412	1.9	290.889	GFL09-3M □□□080C32	E84DVB□1524S□1N2G	342
0.4	1.8	-	7.7	1225	1591	1.9	327.827	GFL09-3M □□□080C32	E84DVB□1524S□1N2G	342
		-	7.1	1319	1713	0.8	352.811	GFL07-3M □□□080C32	E84DVB□1524S□1N2G	342
0.4	1.7	-	7.1	1320	1714	1.6	353.033	GFL09-3M □□□080C32	E84DVB□1524S□1N2G	342
0.4	1.7	-	7.0	1339	1738	2.5	358.077	GFL11-3M □□□080C32	E84DVB□1524S□1N2G	342
0.4	1.5	-	6.3	1487	1931	1.6	397.863	GFL09-3M □□□080C32	E84DVB□1524S□1N2G	342
0.4	1.5	-	6.3	1508	1959	2.5	403.467	GFL11-3M □□□080C32	E84DVB□1524S□1N2G	342
0.3	1.4	-	5.9	1586	2059	1.3	424.247	GFL09-3M □□□080C32	E84DVB□1524S□1N2G	342
0.3	1.4	-	5.9	1608	2088	2.9	430.222	GFL11-3M □□□080C32	E84DVB□1524S□1N2G	342
0.3	1.2	-	4.9	1925	2499	1.1	514.881	GFL09-3M □□□080C32	E84DVB□1524S□1N2G	342



87 Hz: P_N = 1.35 kW

n_{22} / n_2 = 1 ... 17.4

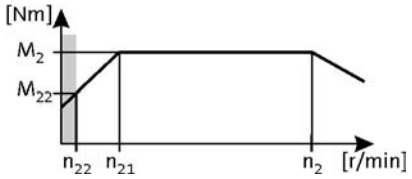
n_1 = 144.8 ... 2520 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
0.3	1.2	-	4.8	1952	2535	2.3	522.133	GFL11-3M □□□080C32	E84DVB□1524S□1N2G	342
0.3	1.1	-	4.5	2102	2730	2.0	562.391	GFL11-3M □□□080C32	E84DVB□1524S□1N2G	342
0.2	1.0	-	4.0	2369	3076	1.9	633.680	GFL11-3M □□□080C32	E84DVB□1524S□1N2G	342
0.2	0.8	-	3.2	2994	3888	1.5	801.000	GFL11-3M □□□080C32	E84DVB□1524S□1N2G	342

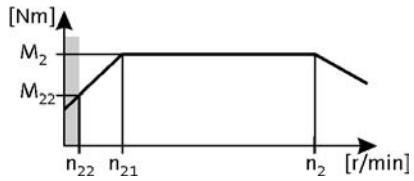
87 Hz: P_N = 2.00 kW

n_{22} / n_2 = 1 ... 17.4

n_1 = 146.0 ... 2540 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
40	164	-	694	18	26	3.5	3.659	GFL04-2M □□□090C12	E84DVB□2224S□1N2G	338
32	131	-	556	23	33	4.4	4.571	GFL05-2M □□□090C12	E84DVB□2224S□1N2G	334
29	120	-	506	25	36	2.6	5.018	GFL04-2M □□□090C12	E84DVB□2224S□1N2G	338
25	103	-	435	29	42	3.1	5.833	GFL04-2M □□□090C12	E84DVB□2224S□1N2G	338
23	93	-	396	32	46	2.1	6.422	GFL04-2M □□□090C12	E84DVB□2224S□1N2G	338
21	85	-	362	35	50	1.9	7.025	GFL04-2M □□□090C12	E84DVB□2224S□1N2G	338
17	72	-	303	42	60	2.5	8.379	GFL04-2M □□□090C12	E84DVB□2224S□1N2G	338
16	64	-	272	47	67	2.1	9.333	GFL04-2M □□□090C12	E84DVB□2224S□1N2G	338
14	59	-	248	51	73	1.8	10.238	GFL04-2M □□□090C12	E84DVB□2224S□1N2G	338
13	52	-	221	57	82	1.9	11.491	GFL04-2M □□□090C12	E84DVB□2224S□1N2G	338
11	47	-	198	64	91	1.5	12.800	GFL04-2M □□□090C12	E84DVB□2224S□1N2G	338
11	47	-	198	64	91	2.6	12.800	GFL05-2M □□□090C12	E84DVB□2224S□1N2G	334
10	41	-	175	73	104	2.4	14.538	GFL05-2M □□□090C12	E84DVB□2224S□1N2G	334
9.9	41	-	173	73	105	1.5	14.706	GFL04-2M □□□090C12	E84DVB□2224S□1N2G	338
9.2	38	-	160	79	113	2.3	15.904	GFL05-2M □□□090C12	E84DVB□2224S□1N2G	334
9.1	37	-	158	80	115	1.3	16.087	GFL04-2M □□□090C12	E84DVB□2224S□1N2G	338
8.2	34	-	142	89	128	1.1	17.920	GFL04-2M □□□090C12	E84DVB□2224S□1N2G	338
8.2	34	-	142	89	128	2.1	17.920	GFL05-2M □□□090C12	E84DVB□2224S□1N2G	334
7.2	30	-	125	101	145	1.9	20.286	GFL05-2M □□□090C12	E84DVB□2224S□1N2G	334
7.1	29	-	124	102	146	1.1	20.519	GFL04-2M □□□090C12	E84DVB□2224S□1N2G	338
6.4	26	-	111	114	163	0.9	22.857	GFL04-2M □□□090C12	E84DVB□2224S□1N2G	338
6.4	26	-	111	114	163	1.6	22.857	GFL05-2M □□□090C12	E84DVB□2224S□1N2G	334
5.9	24	-	102	124	177	1.9	24.850	GFL05-2M □□□090C12	E84DVB□2224S□1N2G	334
5.8	24	-	101	125	179	1.0	25.136	GFL04-2M □□□090C12	E84DVB□2224S□1N2G	338
		-	91	140	200	0.8	28.000	GFL04-2M □□□090C12	E84DVB□2224S□1N2G	338
5.2	21	-	91	140	200	1.5	28.000	GFL05-2M □□□090C12	E84DVB□2224S□1N2G	334
5.1	21	-	90	142	202	2.9	28.389	GFL06-2M □□□090C12	E84DVB□2224S□1N2G	334
4.5	19	-	79	161	231	1.4	32.344	GFL05-2M □□□090C12	E84DVB□2224S□1N2G	334
4.5	18	-	77	164	234	2.6	32.800	GFL06-2M □□□090C12	E84DVB□2224S□1N2G	334
4.0	17	-	70	182	260	1.2	36.444	GFL05-2M □□□090C12	E84DVB□2224S□1N2G	334
4.0	16	-	69	184	263	2.2	36.951	GFL06-2M □□□090C12	E84DVB□2224S□1N2G	334
3.6	15	-	63	201	287	1.2	40.233	GFL05-2M □□□090C12	E84DVB□2224S□1N2G	334
3.6	15	-	62	204	291	2.2	40.800	GFL06-2M □□□090C12	E84DVB□2224S□1N2G	334
3.2	13	-	56	226	323	0.9	45.333	GFL05-2M □□□090C12	E84DVB□2224S□1N2G	334
3.2	13	-	55	229	328	1.8	45.963	GFL06-2M □□□090C12	E84DVB□2224S□1N2G	334
2.8	11	-	48	263	376	1.7	52.800	GFL06-2M □□□090C12	E84DVB□2224S□1N2G	334
2.5	10	-	43	297	424	1.4	59.481	GFL06-2M □□□090C12	E84DVB□2224S□1N2G	334
2.5	10	-	43	293	418	2.9	58.667	GFL07-2M □□□090C12	E84DVB□2224S□1N2G	334
2.3	9.4	-	40	320	457	1.2	64.080	GFL06-2M □□□090C12	E84DVB□2224S□1N2G	334
2.3	9.5	-	40	315	450	2.6	63.190	GFL07-2M □□□090C12	E84DVB□2224S□1N2G	334
2.2	9.2	-	39	321	458	1.9	65.306	GFL07-3M □□□090C12	E84DVB□2224S□1N2G	342



87 Hz: P_N = 2.00 kW

n_{22} / n_2 = 1 ... 17.4

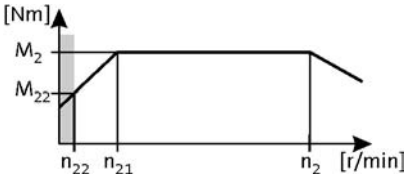
n_1 = 146.0 ... 2540 r/min

n_{22}	n_{21}		n_2	M_{22}	M_2	c	i			
[r/min]	[r/min]		[r/min]	[Nm]	[Nm]					
2.2	9.1	-	38	325	465	1.1	66.213	GFL06-3M □□□090C12	E84DVB□2224S□1N2G	342
2.1	8.4	-	36	355	507	2.5	71.200	GFL07-2M □□□090C12	E84DVB□2224S□1N2G	334
2.0	8.3	-	35	354	505	1.0	72.000	GFL06-3M □□□090C12	E84DVB□2224S□1N2G	342
2.0	8.3	-	35	360	515	1.2	72.189	GFL06-2M □□□090C12	E84DVB□2224S□1N2G	334
2.0	8.3	-	35	356	509	1.7	72.452	GFL07-3M □□□090C12	E84DVB□2224S□1N2G	342
2.0	8.2	-	35	360	514	3.0	73.173	GFL09-3M □□□090C12	E84DVB□2224S□1N2G	342
1.8	7.5	-	32	399	569	1.5	79.875	GFL07-2M □□□090C12	E84DVB□2224S□1N2G	334
1.9	7.6	-	32	393	561	2.7	78.750	GFL09-2M □□□090C12	E84DVB□2224S□1N2G	334
1.8	7.4	-	31	399	569	0.9	81.111	GFL06-3M □□□090C12	E84DVB□2224S□1N2G	342
1.8	7.4	-	31	401	573	1.7	81.636	GFL07-3M □□□090C12	E84DVB□2224S□1N2G	342
1.8	7.3	-	31	405	579	3.0	82.465	GFL09-3M □□□090C12	E84DVB□2224S□1N2G	342
1.6	6.8	-	29	443	633	2.7	88.750	GFL09-2M □□□090C12	E84DVB□2224S□1N2G	334
1.6	6.7	-	28	449	641	1.5	90.000	GFL07-2M □□□090C12	E84DVB□2224S□1N2G	334
1.6	6.5	-	28	454	649	1.5	92.413	GFL07-3M □□□090C12	E84DVB□2224S□1N2G	342
1.6	6.4	-	27	459	655	2.6	93.333	GFL09-3M □□□090C12	E84DVB□2224S□1N2G	342
1.4	5.8	-	24	512	731	1.5	104.127	GFL07-3M □□□090C12	E84DVB□2224S□1N2G	342
1.4	5.7	-	24	517	738	2.6	105.185	GFL09-3M □□□090C12	E84DVB□2224S□1N2G	342
1.3	5.3	-	22	556	795	1.3	113.206	GFL07-3M □□□090C12	E84DVB□2224S□1N2G	342
1.3	5.3	-	22	562	803	2.3	114.333	GFL09-3M □□□090C12	E84DVB□2224S□1N2G	342
1.1	4.7	-	20	627	895	1.3	127.556	GFL07-3M □□□090C12	E84DVB□2224S□1N2G	342
1.1	4.7	-	20	633	905	2.3	128.852	GFL09-3M □□□090C12	E84DVB□2224S□1N2G	342
1.0	4.1	-	17	724	1034	1.1	147.347	GFL07-3M □□□090C12	E84DVB□2224S□1N2G	342
1.0	4.0	-	17	731	1045	2.0	148.815	GFL09-3M □□□090C12	E84DVB□2224S□1N2G	342
0.9	3.6	-	15	816	1166	1.1	166.025	GFL07-3M □□□090C12	E84DVB□2224S□1N2G	342
0.9	3.6	-	15	824	1177	2.0	167.712	GFL09-3M □□□090C12	E84DVB□2224S□1N2G	342
0.8	3.3	-	14	901	1287	1.0	183.285	GFL07-3M □□□090C12	E84DVB□2224S□1N2G	342
0.8	3.2	-	14	910	1300	1.7	185.111	GFL09-3M □□□090C12	E84DVB□2224S□1N2G	342
0.7	2.9	-	12	1015	1450	0.9	206.519	GFL07-3M □□□090C12	E84DVB□2224S□1N2G	342
0.7	2.9	-	12	1025	1465	1.7	208.617	GFL09-3M □□□090C12	E84DVB□2224S□1N2G	342
0.7	2.7	-	11	1104	1577	0.9	224.636	GFL07-3M □□□090C12	E84DVB□2224S□1N2G	342
0.7	2.7	-	11	1105	1578	1.5	224.778	GFL09-3M □□□090C12	E84DVB□2224S□1N2G	342
0.7	2.7	-	11	1104	1577	2.9	224.636	GFL11-3M □□□090C12	E84DVB□2224S□1N2G	342
0.6	2.4	-	10	1245	1778	1.5	253.321	GFL09-3M □□□090C12	E84DVB□2224S□1N2G	342
0.6	2.4	-	10	1244	1777	2.9	253.111	GFL11-3M □□□090C12	E84DVB□2224S□1N2G	342
0.6	2.3	-	9.5	1313	1876	2.7	267.259	GFL11-3M □□□090C12	E84DVB□2224S□1N2G	342
0.5	2.1	-	8.7	1430	2042	1.3	290.889	GFL09-3M □□□090C12	E84DVB□2224S□1N2G	342
0.5	1.8	-	7.8	1611	2301	1.3	327.827	GFL09-3M □□□090C12	E84DVB□2224S□1N2G	342
0.5	1.8	-	7.8	1610	2299	2.4	327.556	GFL11-3M □□□090C12	E84DVB□2224S□1N2G	342
0.4	1.7	-	7.2	1735	2478	1.1	353.033	GFL09-3M □□□090C12	E84DVB□2224S□1N2G	342
0.4	1.7	-	7.1	1760	2514	2.1	358.077	GFL11-3M □□□090C12	E84DVB□2224S□1N2G	342
0.4	1.5	-	6.4	1955	2793	1.1	397.863	GFL09-3M □□□090C12	E84DVB□2224S□1N2G	342

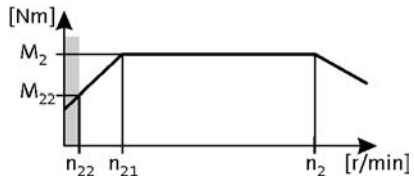
87 Hz: P_N = 2.00 kW

n_{22} / n_2 = 1 ... 17.4

n_1 = 146.0 ... 2540 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
0.4	1.5	-	6.3	1983	2832	2.1	403.467	GFL11-3M □□□090C12	E84DVB□2224S□1N2G	342
0.3	1.4	-	6.0	2085	2978	0.9	424.247	GFL09-3M □□□090C12	E84DVB□2224S□1N2G	342
0.3	1.4	-	5.9	2114	3020	2.0	430.222	GFL11-3M □□□090C12	E84DVB□2224S□1N2G	342
0.3	1.2	-	4.9	2566	3665	1.6	522.133	GFL11-3M □□□090C12	E84DVB□2224S□1N2G	342
0.3	1.2	-	4.9	2566	3665	2.9	522.133	GFL14-3M □□□090C12	E84DVB□2224S□1N2G	342
0.3	1.1	-	4.5	2764	3948	1.4	562.391	GFL11-3M □□□090C12	E84DVB□2224S□1N2G	342
0.3	1.1	-	4.5	2764	3948	2.3	562.391	GFL14-3M □□□090C12	E84DVB□2224S□1N2G	342
0.2	1.0	-	4.0	3114	4448	1.3	633.680	GFL11-3M □□□090C12	E84DVB□2224S□1N2G	342
0.2	1.0	-	4.0	3114	4448	2.2	633.680	GFL14-3M □□□090C12	E84DVB□2224S□1N2G	342
0.2	0.8	-	3.2	3936	5623	1.0	801.000	GFL11-3M □□□090C12	E84DVB□2224S□1N2G	342
0.2	0.8	-	3.2	3936	5623	1.7	801.000	GFL14-3M □□□090C12	E84DVB□2224S□1N2G	342



87 Hz: P_N = 2.70 kW

n_{22} / n_2 = 1 ... 17.4

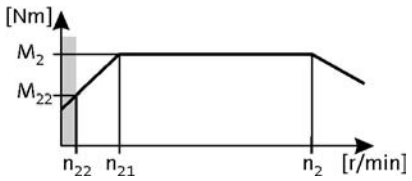
n_1 = 146.3 ... 2545 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
40	164	-	696	25	35	2.6	3.659	GFL04-2M □□□090C32	E84DVB□3024S□1N2G	338
32	131	-	557	31	44	3.2	4.571	GFL05-2M □□□090C32	E84DVB□3024S□1N2G	334
29	120	-	507	34	49	1.9	5.018	GFL04-2M □□□090C32	E84DVB□3024S□1N2G	338
25	103	-	436	40	57	2.3	5.833	GFL04-2M □□□090C32	E84DVB□3024S□1N2G	338
23	94	-	398	43	62	2.3	6.400	GFL05-2M □□□090C32	E84DVB□3024S□1N2G	334
23	93	-	396	44	62	1.5	6.422	GFL04-2M □□□090C32	E84DVB□3024S□1N2G	338
21	85	-	362	48	68	1.4	7.025	GFL04-2M □□□090C32	E84DVB□3024S□1N2G	338
18	72	-	304	57	81	1.8	8.379	GFL04-2M □□□090C32	E84DVB□3024S□1N2G	338
16	67	-	283	61	87	2.6	9.010	GFL05-2M □□□090C32	E84DVB□3024S□1N2G	334
16	64	-	273	63	90	1.5	9.333	GFL04-2M □□□090C32	E84DVB□3024S□1N2G	338
15	60	-	256	67	96	2.4	9.946	GFL05-2M □□□090C32	E84DVB□3024S□1N2G	334
14	59	-	249	69	99	1.4	10.238	GFL04-2M □□□090C32	E84DVB□3024S□1N2G	338
13	53	-	224	77	110	2.1	11.360	GFL05-2M □□□090C32	E84DVB□3024S□1N2G	334
13	52	-	222	78	111	1.4	11.491	GFL04-2M □□□090C32	E84DVB□3024S□1N2G	338
11	47	-	199	87	124	1.1	12.800	GFL04-2M □□□090C32	E84DVB□3024S□1N2G	338
11	47	-	199	87	124	1.9	12.800	GFL05-2M □□□090C32	E84DVB□3024S□1N2G	334
10	41	-	175	99	141	1.8	14.538	GFL05-2M □□□090C32	E84DVB□3024S□1N2G	334
10	41	-	173	100	142	1.1	14.706	GFL04-2M □□□090C32	E84DVB□3024S□1N2G	338
9.2	38	-	160	108	154	1.7	15.904	GFL05-2M □□□090C32	E84DVB□3024S□1N2G	334
9.1	37	-	158	109	156	1.0	16.087	GFL04-2M □□□090C32	E84DVB□3024S□1N2G	338
		-	142	122	174	0.8	17.920	GFL04-2M □□□090C32	E84DVB□3024S□1N2G	338
8.2	34	-	142	122	174	1.5	17.920	GFL05-2M □□□090C32	E84DVB□3024S□1N2G	334
7.2	30	-	126	138	197	1.4	20.286	GFL05-2M □□□090C32	E84DVB□3024S□1N2G	334
7.1	29	-	124	140	199	2.7	20.571	GFL06-2M □□□090C32	E84DVB□3024S□1N2G	334
6.4	26	-	111	155	221	1.2	22.857	GFL05-2M □□□090C32	E84DVB□3024S□1N2G	334
6.3	26	-	110	157	224	2.3	23.175	GFL06-2M □□□090C32	E84DVB□3024S□1N2G	334
5.9	24	-	102	169	241	1.4	24.850	GFL05-2M □□□090C32	E84DVB□3024S□1N2G	334
5.8	24	-	101	171	244	2.5	25.200	GFL06-2M □□□090C32	E84DVB□3024S□1N2G	334
5.2	21	-	91	190	271	1.1	28.000	GFL05-2M □□□090C32	E84DVB□3024S□1N2G	334
5.2	21	-	90	193	275	2.1	28.389	GFL06-2M □□□090C32	E84DVB□3024S□1N2G	334
4.5	19	-	79	219	313	1.1	32.344	GFL05-2M □□□090C32	E84DVB□3024S□1N2G	334
4.5	18	-	78	222	318	1.9	32.800	GFL06-2M □□□090C32	E84DVB□3024S□1N2G	334
4.0	17	-	70	247	353	0.9	36.444	GFL05-2M □□□090C32	E84DVB□3024S□1N2G	334
4.0	16	-	69	251	358	1.6	36.951	GFL06-2M □□□090C32	E84DVB□3024S□1N2G	334
3.7	15	-	64	269	384	2.8	39.642	GFL07-2M □□□090C32	E84DVB□3024S□1N2G	334
3.6	15	-	63	273	390	0.8	40.233	GFL05-2M □□□090C32	E84DVB□3024S□1N2G	334
3.6	15	-	62	277	395	1.6	40.800	GFL06-2M □□□090C32	E84DVB□3024S□1N2G	334
3.3	13	-	57	303	433	2.8	44.667	GFL07-2M □□□090C32	E84DVB□3024S□1N2G	334
3.2	13	-	55	312	445	1.3	45.963	GFL06-2M □□□090C32	E84DVB□3024S□1N2G	334
2.9	12	-	50	348	497	2.8	51.333	GFL09-2M □□□090C32	E84DVB□3024S□1N2G	334
2.8	12	-	49	353	504	2.3	52.067	GFL07-2M □□□090C32	E84DVB□3024S□1N2G	334

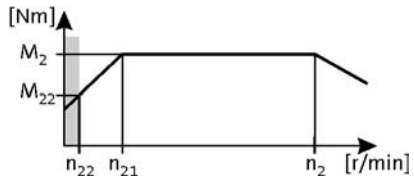
87 Hz: P_N = 2.70 kW

n_{22} / n_2 = 1 ... 17.4

n_1 = 146.3 ... 2545 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
2.8	11	-	48	358	511	1.2	52.800	GFL06-2M □□□090C32	E84DVB□3024S□1N2G	334
2.5	10	-	44	392	560	2.8	57.852	GFL09-2M □□□090C32	E84DVB□3024S□1N2G	334
2.5	10	-	43	403	576	1.0	59.481	GFL06-2M □□□090C32	E84DVB□3024S□1N2G	334
2.5	10	-	43	398	568	2.1	58.667	GFL07-2M □□□090C32	E84DVB□3024S□1N2G	334
2.4	9.6	-	41	422	603	2.4	62.300	GFL09-2M □□□090C32	E84DVB□3024S□1N2G	334
2.3	9.4	-	40	434	621	0.9	64.080	GFL06-2M □□□090C32	E84DVB□3024S□1N2G	334
2.3	9.5	-	40	428	612	1.9	63.190	GFL07-2M □□□090C32	E84DVB□3024S□1N2G	334
2.3	9.5	-	40	423	604	2.4	63.326	GFL09-3M □□□090C32	E84DVB□3024S□1N2G	342
2.2	9.2	-	39	436	623	1.4	65.306	GFL07-3M □□□090C32	E84DVB□3024S□1N2G	342
2.1	8.4	-	36	483	690	1.9	71.200	GFL07-2M □□□090C32	E84DVB□3024S□1N2G	334
2.1	8.6	-	36	476	680	2.6	70.211	GFL09-2M □□□090C32	E84DVB□3024S□1N2G	334
2.0	8.3	-	35	489	699	0.9	72.189	GFL06-2M □□□090C32	E84DVB□3024S□1N2G	334
2.0	8.3	-	35	484	691	1.3	72.452	GFL07-3M □□□090C32	E84DVB□3024S□1N2G	342
2.0	8.2	-	35	489	698	2.2	73.173	GFL09-3M □□□090C32	E84DVB□3024S□1N2G	342
1.8	7.5	-	32	542	774	1.1	79.875	GFL07-2M □□□090C32	E84DVB□3024S□1N2G	334
1.9	7.6	-	32	534	763	2.0	78.750	GFL09-2M □□□090C32	E84DVB□3024S□1N2G	334
1.8	7.4	-	31	545	779	1.3	81.636	GFL07-3M □□□090C32	E84DVB□3024S□1N2G	342
1.8	7.3	-	31	551	787	2.2	82.465	GFL09-3M □□□090C32	E84DVB□3024S□1N2G	342
1.7	6.8	-	29	602	860	2.0	88.750	GFL09-2M □□□090C32	E84DVB□3024S□1N2G	334
1.6	6.7	-	28	610	872	1.1	90.000	GFL07-2M □□□090C32	E84DVB□3024S□1N2G	334
1.6	6.5	-	28	617	882	1.1	92.413	GFL07-3M □□□090C32	E84DVB□3024S□1N2G	342
1.6	6.4	-	27	623	890	1.9	93.333	GFL09-3M □□□090C32	E84DVB□3024S□1N2G	342
1.4	5.8	-	24	695	993	1.1	104.127	GFL07-3M □□□090C32	E84DVB□3024S□1N2G	342
1.4	5.7	-	24	702	1003	1.9	105.185	GFL09-3M □□□090C32	E84DVB□3024S□1N2G	342
1.3	5.3	-	23	756	1080	1.0	113.206	GFL07-3M □□□090C32	E84DVB□3024S□1N2G	342
1.3	5.3	-	22	764	1091	1.7	114.333	GFL09-3M □□□090C32	E84DVB□3024S□1N2G	342
1.2	4.7	-	20	852	1217	1.0	127.556	GFL07-3M □□□090C32	E84DVB□3024S□1N2G	342
1.1	4.7	-	20	861	1229	1.7	128.852	GFL09-3M □□□090C32	E84DVB□3024S□1N2G	342
		-	17	984	1406	0.8	147.347	GFL07-3M □□□090C32	E84DVB□3024S□1N2G	342
1.0	4.0	-	17	994	1420	1.5	148.815	GFL09-3M □□□090C32	E84DVB□3024S□1N2G	342
1.0	4.0	-	17	996	1423	2.7	149.144	GFL11-3M □□□090C32	E84DVB□3024S□1N2G	342
0.9	3.6	-	15	1120	1600	1.5	167.712	GFL09-3M □□□090C32	E84DVB□3024S□1N2G	342
0.9	3.6	-	15	1122	1603	2.7	168.049	GFL11-3M □□□090C32	E84DVB□3024S□1N2G	342
0.8	3.2	-	14	1236	1766	1.3	185.111	GFL09-3M □□□090C32	E84DVB□3024S□1N2G	342
0.8	3.3	-	14	1221	1744	2.4	182.792	GFL11-3M □□□090C32	E84DVB□3024S□1N2G	342
0.7	3.0	-	13	1350	1928	2.9	202.074	GFL14-3M □□□090C32	E84DVB□3024S□1N2G	342
0.7	2.9	-	12	1393	1990	1.3	208.617	GFL09-3M □□□090C32	E84DVB□3024S□1N2G	342
0.7	2.9	-	12	1375	1965	2.4	205.963	GFL11-3M □□□090C32	E84DVB□3024S□1N2G	342
0.7	2.7	-	11	1501	2144	1.1	224.778	GFL09-3M □□□090C32	E84DVB□3024S□1N2G	342
0.7	2.7	-	11	1500	2143	2.1	224.636	GFL11-3M □□□090C32	E84DVB□3024S□1N2G	342
0.6	2.4	-	10	1692	2417	1.1	253.321	GFL09-3M □□□090C32	E84DVB□3024S□1N2G	342



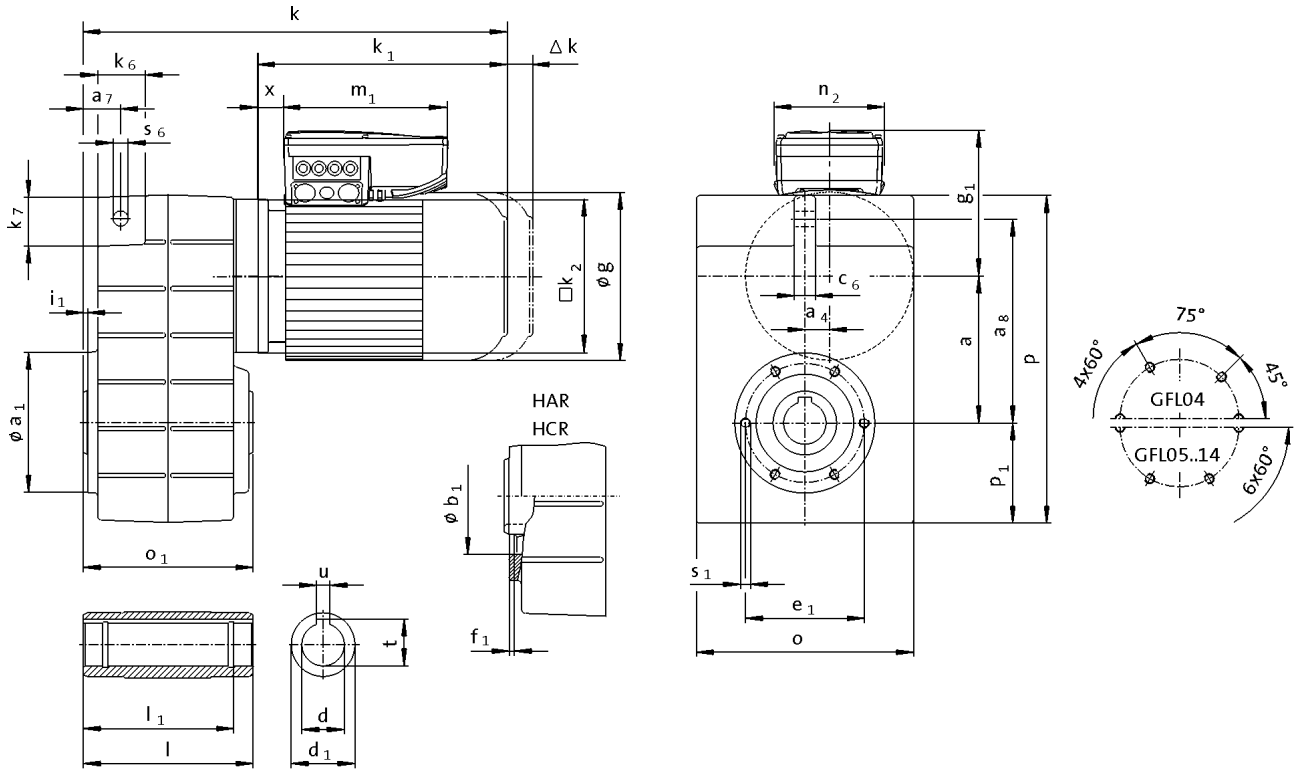
87 Hz: P_N = 2.70 kW

n_{22} / n_2 = 1 ... 17.4

n_1 = 146.3 ... 2545 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
0.6	2.4	-	10	1690	2415	2.1	253.111	GFL11-3M □□□090C32	E84DVB□3024S□1N2G	342
0.6	2.3	-	9.5	1785	2550	2.0	267.259	GFL11-3M □□□090C32	E84DVB□3024S□1N2G	342
0.5	2.1	-	8.8	1943	2775	1.0	290.889	GFL09-3M □□□090C32	E84DVB□3024S□1N2G	342
0.5	1.8	-	7.8	2189	3127	1.0	327.827	GFL09-3M □□□090C32	E84DVB□3024S□1N2G	342
0.5	1.8	-	7.8	2187	3125	1.8	327.556	GFL11-3M □□□090C32	E84DVB□3024S□1N2G	342
0.4	1.7	-	7.2	2358	3368	0.8	353.033	GFL09-3M □□□090C32	E84DVB□3024S□1N2G	342
0.4	1.7	-	7.2	2356	3366	2.6	352.811	GFL14-3M □□□090C32	E84DVB□3024S□1N2G	342
0.4	1.7	-	7.1	2391	3416	1.6	358.077	GFL11-3M □□□090C32	E84DVB□3024S□1N2G	342
0.4	1.5	-	6.4	2657	3795	0.8	397.863	GFL09-3M □□□090C32	E84DVB□3024S□1N2G	342
0.4	1.5	-	6.4	2655	3792	2.6	397.533	GFL14-3M □□□090C32	E84DVB□3024S□1N2G	342
0.4	1.5	-	6.3	2694	3849	1.6	403.467	GFL11-3M □□□090C32	E84DVB□3024S□1N2G	342
0.3	1.4	-	5.9	2873	4104	1.5	430.222	GFL11-3M □□□090C32	E84DVB□3024S□1N2G	342
0.3	1.4	-	5.9	2873	4104	2.6	430.222	GFL14-3M □□□090C32	E84DVB□3024S□1N2G	342
0.3	1.2	-	4.9	3487	4981	1.2	522.133	GFL11-3M □□□090C32	E84DVB□3024S□1N2G	342
0.3	1.2	-	4.9	3487	4981	2.1	522.133	GFL14-3M □□□090C32	E84DVB□3024S□1N2G	342
0.3	1.1	-	4.5	3756	5365	1.0	562.391	GFL11-3M □□□090C32	E84DVB□3024S□1N2G	342
0.3	1.1	-	4.5	3756	5365	1.7	562.391	GFL14-3M □□□090C32	E84DVB□3024S□1N2G	342
0.2	1.0	-	4.0	4232	6045	1.0	633.680	GFL11-3M □□□090C32	E84DVB□3024S□1N2G	342
0.2	1.0	-	4.0	4232	6045	1.6	633.680	GFL14-3M □□□090C32	E84DVB□3024S□1N2G	342
0.2	0.8	-	3.2	5349	7641	1.3	801.000	GFL14-3M □□□090C32	E84DVB□3024S□1N2G	342

GFL□□-2M H□R


k
k 1
Δ k
k 6
a 7
x
m 1
s 6
k 7
i 1
ø a 1
□k 2
ø g
o 1
u
t
l 1
l
d
d 1
HAR
HCR
ø b 1
f 1
n 2
g 1
c 6
a 4
a
a 8
p
p 1
s 1
e 1
o
75°
4x60°
45°
GFL04
GFL05..14
6x60°

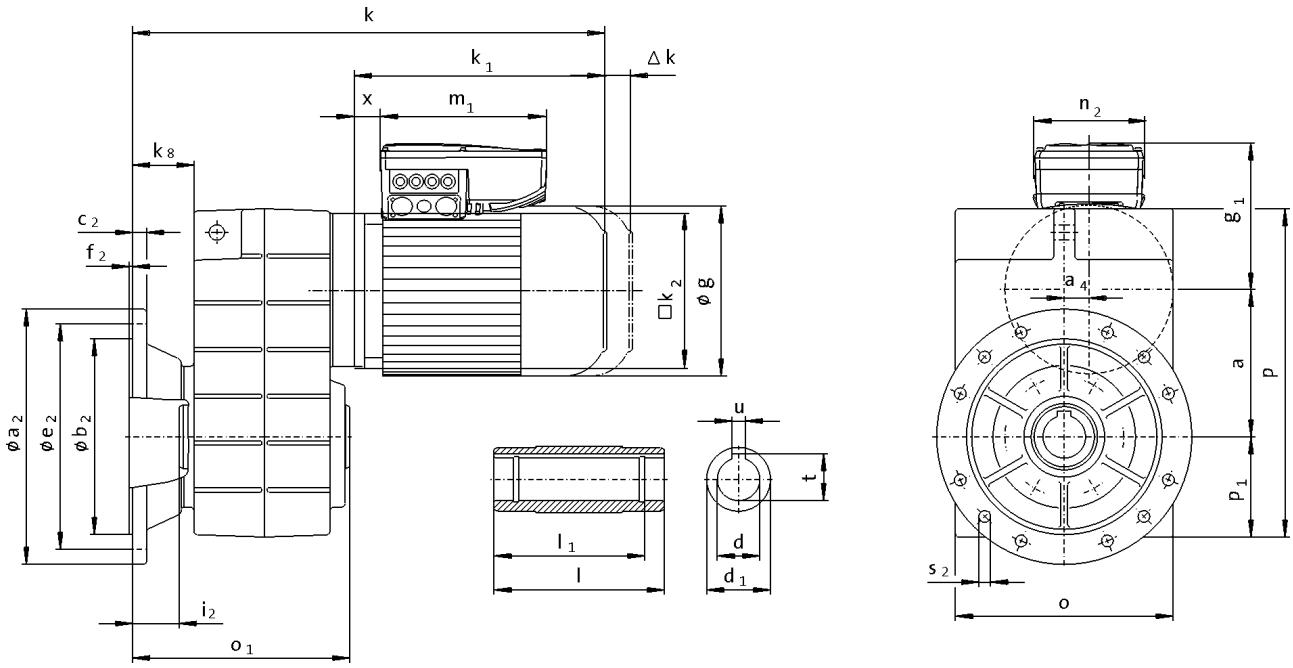
		063C32	063C42	071C32 071C42	080C32	080C42	090C32	100C12 100C32
g		123		139	156		176	194
$g_{1,\ 50Hz}$				163	172		177	217
$g_{1,\ 87Hz}$		154		163	172	201	205.5	
k_1	MDEMAXX	187		207	224.5		248	309
k_2		120			145		180	
x_{50Hz}				21	25.5		28.8	29.6
x_{87Hz}		18.8		21	25.5	24.5	27.8	
$m_{1,\ 50Hz}$				241				260
$m_{1,\ 87Hz}$		241				260		
$n_{2,\ 50Hz}$				161				176
$n_{2,\ 87Hz}$		161				176		
Δ k	MDEMABR	40		52	73		68	76
	MDFMAXX	128						109
	MDFMABR	170		165	183		181	170
		k						
GFL04		312		332	354			
GFL05			333	353	376		409	470
GFL06			346	366	389		422	483
GFL07					422		455	516
GFL09							489	550
GFL11								591

	a	a_4	a_7	a_8	c_6	k_6	k_7	o[1]	p[1]	p_1	s_6
GFL04	90.5	12.5	22.5	128	14	32	35	148	214	69	12.5
GFL05	112.5	18.5	29	155	16	35	38	165	252	78	14
GFL06	140	22	35	195	20	46	46	206	315	98	14
GFL07	173	29	44	240	25	56	56	256	386	118	18
GFL09	220	37.5	50	300	32	70	70	318	486	149	22
GFL11	276.5	50	65	375	40	84	90	395	600	181	26

	d[2]	d_1	l	l_1	u	t	i_1	o_1	a_1	b_1	e_1	f_1	s_1
	H7				JS9	+0,2				H7			
GFL04	25 30	45 45	115 115	100 100	8 8	28.3 33.3	2.5 2.5	115 115	110	75	90	3	M6x12
GFL05	30 35	50 50	140 140	124 124	8 10	33.3 38.3	4 4	140 140	118	80	100	4	M8x14
GFL06	40 45	65 65	160 160	140 140	12 14	43.3 48.8	5 5	160 160	140	100	120	4	M10x16
GFL07	50 55	75 75	200 200	175 175	14 16	53.8 59.3	5 5	200 200	165	115	140	5	M12x18
GFL09	60 70	95 95	240 240	210 210	18 20	64.4 74.9	5 5	240 240	205	145	175	6	M16x24
GFL11	70 80	105 105	290 290	250 250	20 22	74.9 85.4	6 6	290 290	240	140	205	6	M20x32

[1] k_2 !
[2] Not suitable for through machine shaft at motor end:
GFL04-2M H□□ 080C□□; d=30
GFL05-2M H□□ 100C□□; d=35
GFL07-2M H□□ 160C□□; d=50/55
GFL11-2M H□□ 225C□□; d=80

GFL□□-2M HCK


k
k 1
Δ k
x
m 1
k 8
c 2
f 2
ø a 2
ø e 2
ø b 2
□k 2
ø g
u
t
l 1
l
d
d 1
i 2
o 1
n 2
g 1
a 4
a
p
p 1
s 2
o

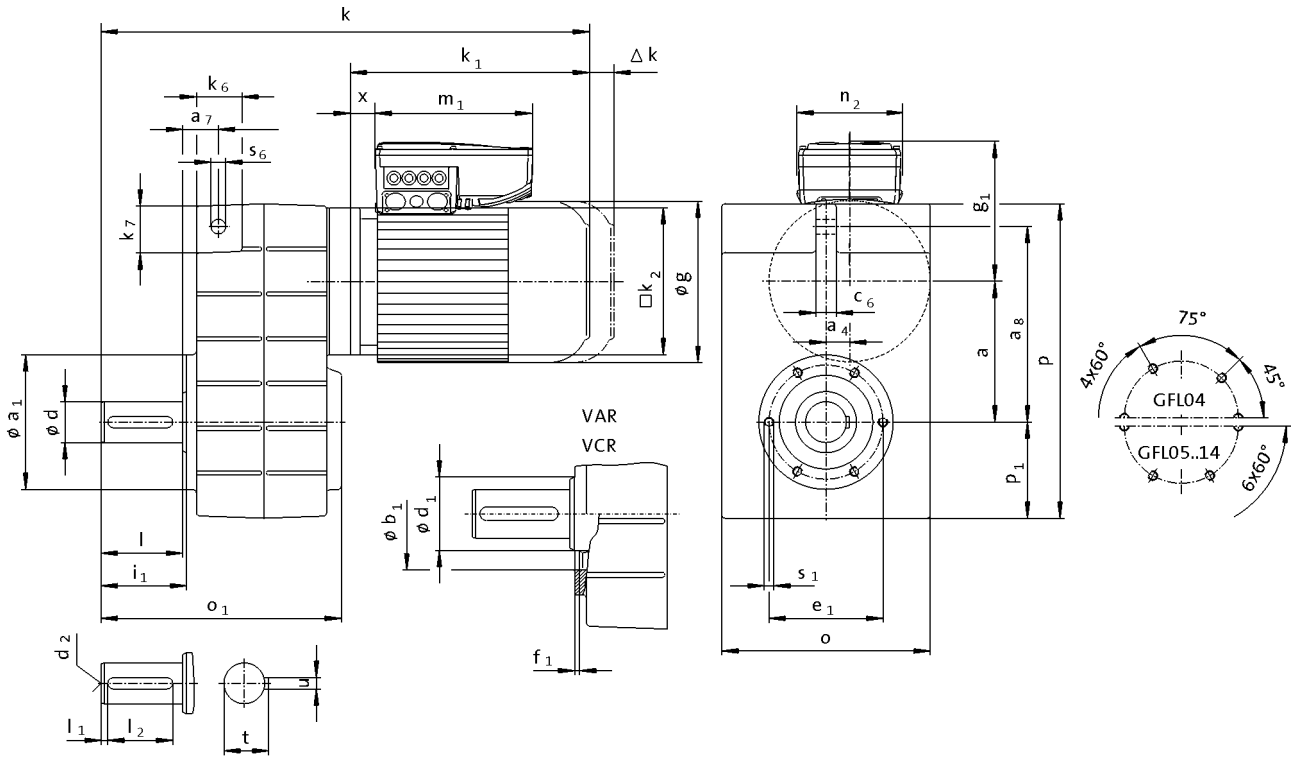
		063C32	063C42	071C32 071C42	080C32	080C42	090C32	100C12 100C32
g		123		139	156		176	194
$g_{1,\ 50Hz}$				163	172		177	217
$g_{1,\ 87Hz}$		154		163	172	201	205.5	
k_1	MDEMAXX	187		207	224.5		248	309
k_2		120			145		180	
x_{50Hz}				21	25.5		28.8	29.6
x_{87Hz}		18.8		21	25.5	24.5	27.8	
$m_{1,\ 50Hz}$				241				260
$m_{1,\ 87Hz}$		241				260		
$n_{2,\ 50Hz}$				161				176
$n_{2,\ 87Hz}$		161				176		
Δ k	MDEMABR	40		52	73		68	76
	MDFMAXX	128						109
	MDFMABR	170		165	183		181	170
		k						
GFL04		345		365	387			
GFL05			366	386	409		442	503
GFL06			387	407	430		463	524
GFL07					477		510	571
GFL09							549	610
GFL11								651

	a	a_4	k_8	o[1)]	p[1)]	p_1
GFL04	90.5	12.5	41.8	148	214	69
GFL05	112.5	18.5	46	165	252	78
GFL06	140	22	55.5	206	315	98
GFL07	173	29	72.5	256	386	118
GFL09	220	37.5	77.5	318	486	149
GFL11	276.5	50	85.5	395	600	181

	d[2)]	d_1	l	l_1	u	t	i_2	o_1	a_2	b_2	c_2	e_2	f_2	s_2
	H7				JS9	+0,2				j7				
GFL04	25 30	45 45	115 115	100 100	8 8	28.3 33.3	33 33	148 148	160	110	10	130	3.5	4 x 9
GFL05	30 35	50 50	140 140	124 124	8 10	33.3 38.3	33 33	173 173	200	130	12	165	4	4 x 11
GFL06	40 45	65 65	160 160	140 140	12 14	43.3 48.8	42 41	201 201	250	180	15	215	4	4 x 14
GFL07	50 55	75 75	200 200	175 175	14 16	53.8 59.3	55 55	255 255	250 300	180 230	15 17	215 265	4 4	4 x 14 4 x 14
GFL09	60 70	95 95	240 240	210 210	18 20	64.4 74.9	60 60	300 300	350	250	18	300	4	4 x 17.5
GFL11	70 80	105 105	290 290	250 250	20 22	74.9 85.4	60 60	350 350	400 450	300 350	20 22	350 400	5 5	4 x 17.5 8 x 17.5

[1)] k_2 !
[2)] Not suitable for through machine shaft at motor end:
GFL04-2M H□□ 080C□□; d=30
GFL05-2M H□□ 100C□□; d=35
GFL07-2M H□□ 160C□□; d=50/55
GFL11-2M H□□ 225C□□; d=80

GFL□□-2M V□R


k
k 1
Δ k
k 6
a 7
s 6
x
m 1
n 2
k 7
□k 2
ø g
g 1
c 6
a 4
a
a 8
p
p 1
ø a 1
ø d
l
i 1
o 1
VAR
VCR
ø b 1
ø d 1
f 1
s 1
e 1
o
d 2
l 1
l 2
t
u
75°
4x60°
45°
GFL04
GFL05..14
6x60°

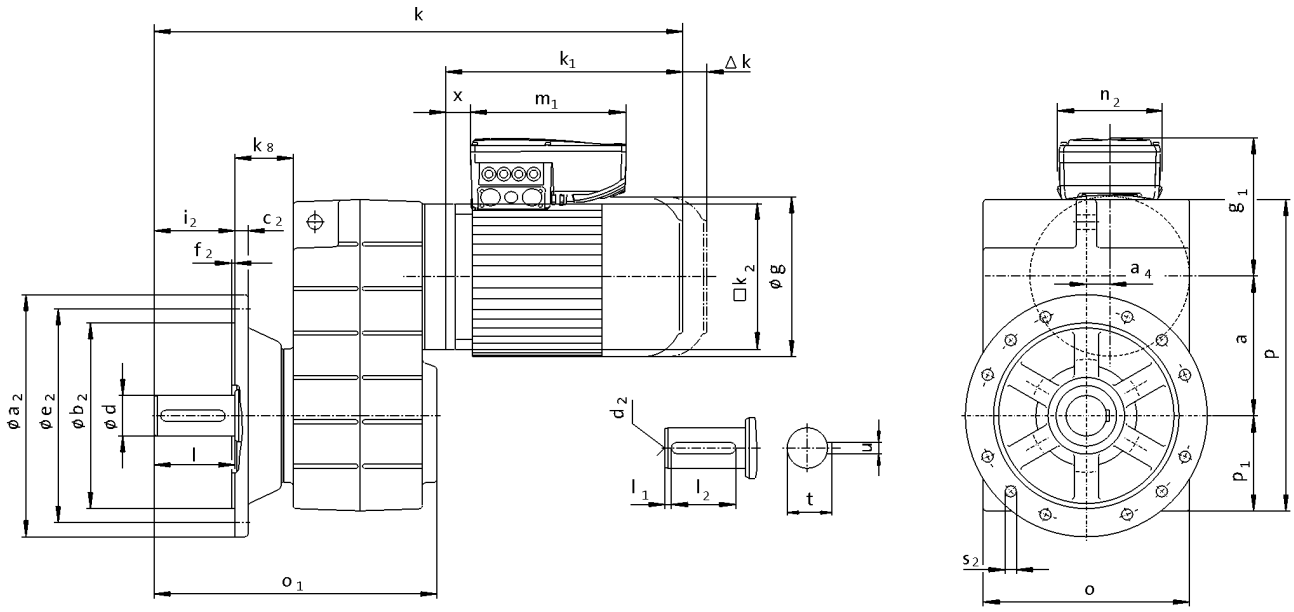
		063C32	063C42	071C32 071C42	080C32	080C42	090C32	100C12 100C32
g		123		139	156		176	194
$g_{1,\ 50Hz}$				163	172		177	217
$g_{1,\ 87Hz}$		154		163	172	201	205.5	
k_1	MDEMAXX	187		207	224.5		248	309
k_2		120			145		180	
x_{50Hz}				21	25.5		28.8	29.6
x_{87Hz}		18.8		21	25.5	24.5	27.8	
$m_{1,\ 50Hz}$				241				260
$m_{1,\ 87Hz}$		241				260		
$n_{2,\ 50Hz}$				161				176
$n_{2,\ 87Hz}$		161				176		
Δ k	MDEMABR	40		52	73		68	76
	MDFMAXX	128						109
	MDFMABR	170		165	183		181	170
		k						
GFL04		362		382	404		438	
GFL05			393	413	436		469	530
GFL06			426	446	469		502	563
GFL07					522		555	616
GFL09							609	670
GFL11								751

	a	a_4	a_7	a_8	c_6	k_6	k_7	$o^{1)}$	$p^{1)}$	p_1	s_6
GFL04	90.5	12.5	22.5	128	14	32	35	148	214	69	12.5
GFL05	112.5	18.5	29	155	16	35	38	165	252	78	14
GFL06	140	22	35	195	20	46	46	206	315	98	14
GFL07	173	29	44	240	25	56	56	256	386	118	18
GFL09	220	37.5	50	300	32	70	70	318	486	149	22
GFL11	276.5	50	65	375	40	84	90	395	600	181	26

	d	d	d_1	d_2	l	l_1	l_2	u	t	o_1	a_1	b_1	e_1	f_1	s_1
	k6	m6										H7			
GFL04	25		45	M10	50	6	40	8	28	162.5	110	75	90	3	M6x12
GFL05	30		45	M10	60	6	45	8	33	196.5	118	80	100	4	M8x14
GFL06	40		65	M16	80	7	63	12	43	235.5	140	100	120	4	M10x16
GFL07	50		75	M16	100	8	80	14	53.5	295.5	165	115	140	5	M12x18
GFL09		60	95	M20	120	8	100	18	64	355.5	205	145	175	6	M16x24
GFL11		80	105	M20	160	15	125	22	85	444.5	240	140	205	6	M20x32

[1)] k_2 !

GFL□□-2M VCK


k
k1
Δ k
x
m1
k 8
i2
c2
f2
□k2
ø g
ø a2
ø e2
ø b2
ø d
l
o1
d2
l1
l2
t
u
n2
g1
a4
a
p
p1
s2
o

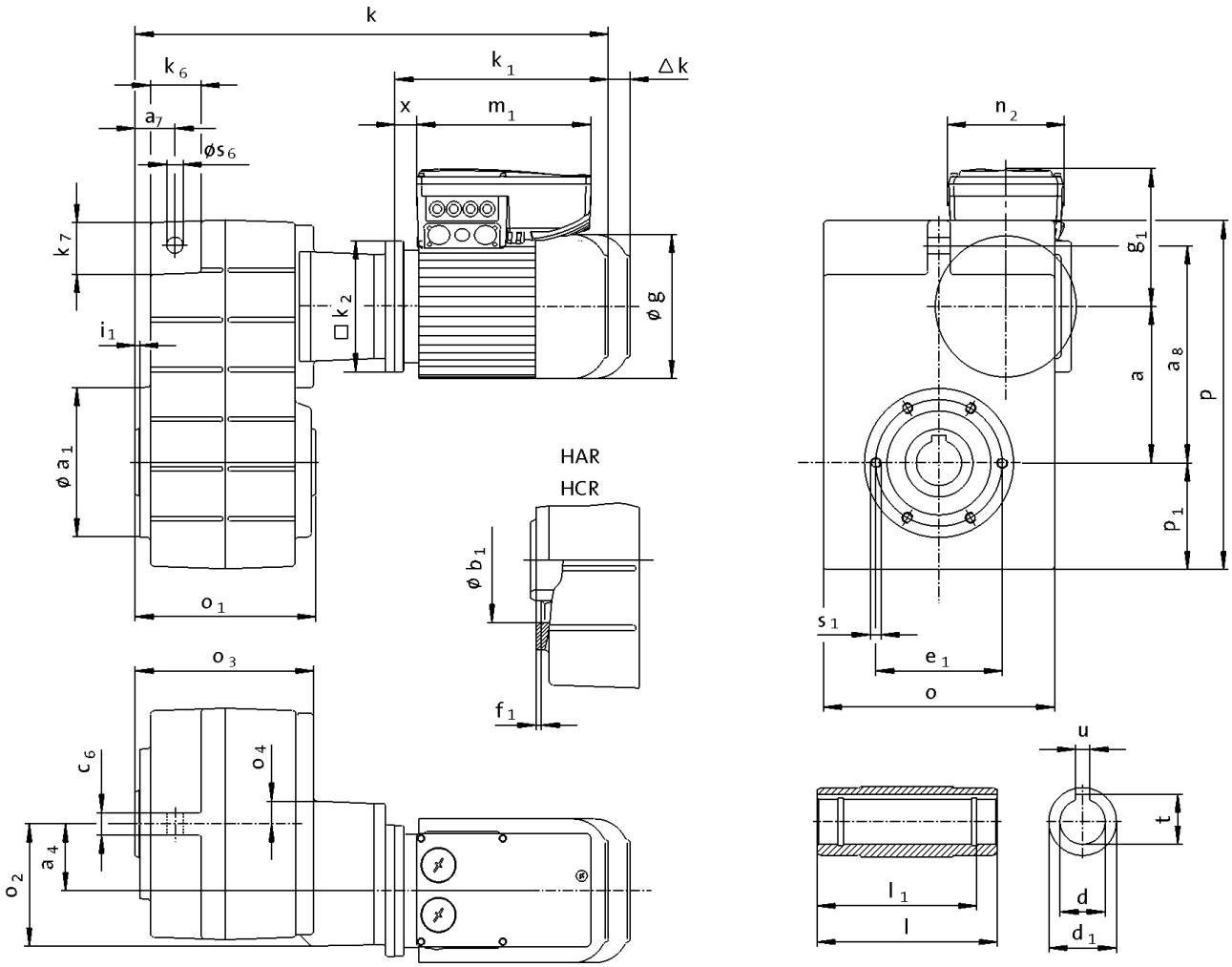
		063C32	063C42	071C32 071C42	080C32	080C42	090C32	100C12 100C32
g		123		139	156		176	194
$g_{1, 50Hz}$				163	172		177	217
$g_{1, 87Hz}$		154		163	172	201	205.5	
k_1	MDEMAXX	187		207	224.5		248	309
k_2		120			145		180	
x_{50Hz}				21	25.5		28.8	29.6
x_{87Hz}		18.8		21	25.5	24.5	27.8	
$m_{1, 50Hz}$				241				260
$m_{1, 87Hz}$		241				260		
$n_{2, 50Hz}$				161				176
$n_{2, 87Hz}$		161				176		
Δ k	MDEMABR	40		52	73		68	76
	MDFMAXX	128						109
	MDFMABR	170		165	183		181	170
		k						
GFL04		395		415	437		471	
GFL05			426	446	469		502	563
GFL06			467	487	510		543	604
GFL07					577		610	671
GFL09							669	730
GFL11								811

	a	a_4	k_8	o[1)]	p[1)]	p_1
GFL04	90.5	12.5	41.8	148	214	69
GFL05	112.5	18.5	46	165	252	78
GFL06	140	22	55.5	206	315	98
GFL07	173	29	72.5	256	386	118
GFL09	220	37.5	77.5	318	486	149
GFL11	276.5	50	85.5	395	600	181

	d	d	d_1	d_2	l	l_1	l_2	u	t	i_2	o_1	a_2	b_2	c_2	e_2	f_2	s_2
	k6	m6											j7				
GFL04	25		45	M10	50	6	40	8	28	50	195.5	160	110	10	130	3.5	4 x 9
GFL05	30		45	M10	60	6	45	8	33	60	229.5	200	130	12	165	4	4 x 11
GFL06	40		65	M16	80	7	63	12	43	80	276.5	250	180	15	215	4	4 x 14
GFL07	50		75	M16	100	8	80	14	53.5	100	350.5	250 300	180 230	15 17	215 265	4 4	4 x 14 4 x 14
GFL09		60	95	M20	120	8	100	18	64	120	415.5	350	250	18	300	4	4 x 17.5
GFL11		80	105	M20	160	15	125	22	85	160	504.5	400 450	300 350	20 22	350 400	5 5	4 x 17.5 8 x 17.5

[1)] k_2 !

GFL□□-3M H□R


k
k 6
k 1
Δk
x
m 1
a 7
øs 6
k 7
i 1
□k 2
ø g
ø a 1
o 1
HAR
HCR
ø b 1
f 1
o 3
c 6
o 4
a 4
o 2
n 2
g 1
a
a 8
p
p 1
s 1
e 1
o
u
t
l 1
l
d
d 1

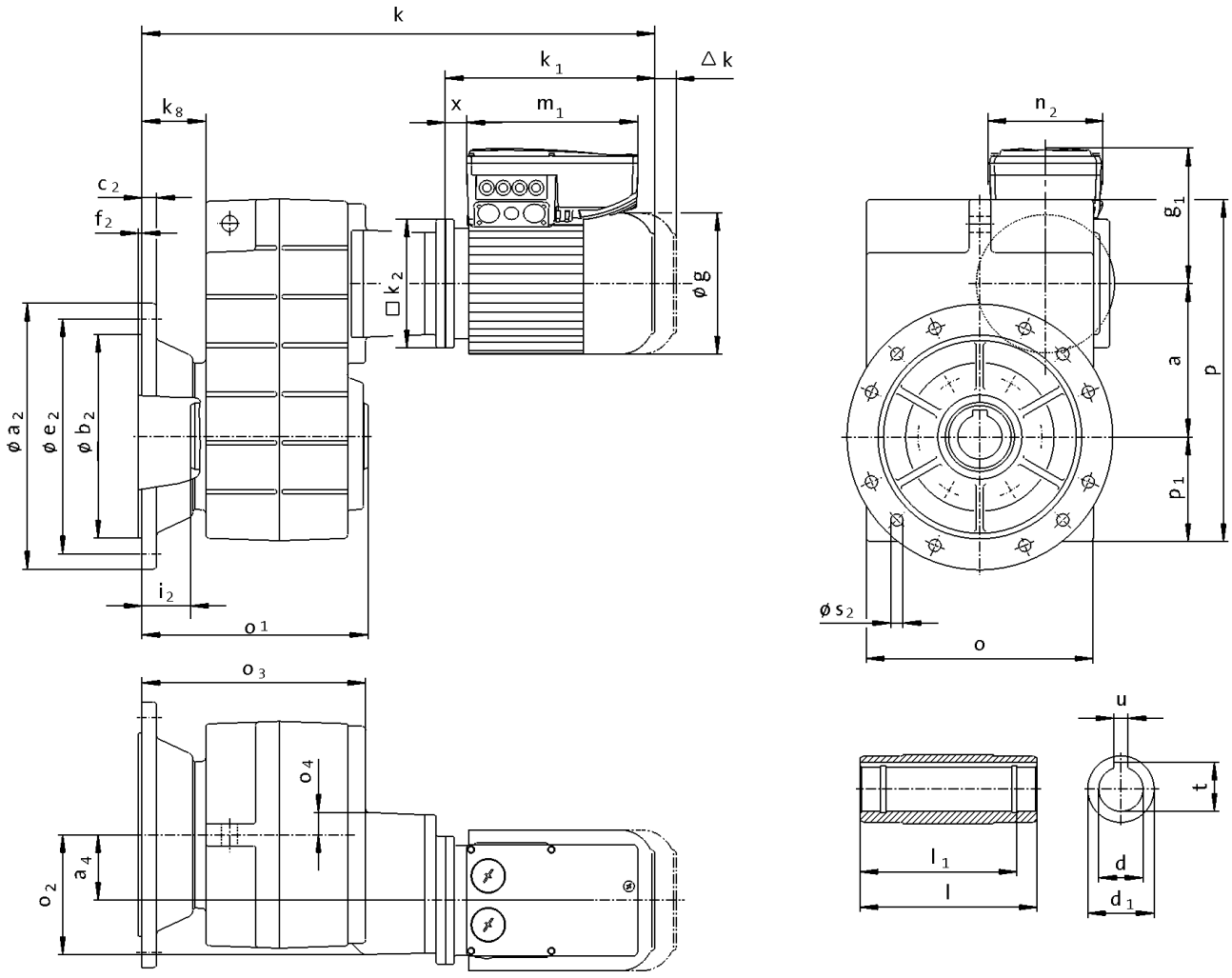
		063C32	063C42	071C32 071C42	080C32	080C42	090C32	100C12	100C32
g		123		139	156		176	194	
$g_{1,\ 50Hz}$				163	172		177	217	
$g_{1,\ 87Hz}$		154		163	172	201	205.5		
k_1	MDEMAXX	187		207	224.5		248	309	
k_2		120			145			180	
x_{50Hz}				21	25.5		28.8	29.6	
x_{87Hz}		18.8		21	25.5	24.5	27.8		
$m_{1,\ 50Hz}$					241			260	
$m_{1,\ 87Hz}$		241				260			
$n_{2,\ 50Hz}$					161			176	
$n_{2,\ 87Hz}$		161				176			
Δ k	MDEMABR	40		52	73		68	76	
	MDFMAXX	128						109	
	MDFMABR	170		165	183		181	170	
		k							
GFL05		410		430					
GFL06		440		460	482				
GFL07			484	504	526		560	621	
GFL09			536	556	578		612	673	
GFL11					638		672	733	
GFL14							751	812	

	a	a_4	a_7	a_8	c_6	k_6	k_7	$o^{1)}$	o_2	o_3	o_4	$p^{1)}$	p_1	s_6
GFL05	112.5	54.5	29	155	16	35	38	165	106.5	140.5	22.6	252	78	14
GFL06	140	58	35	195	20	46	46	206	111	159.5	20.2	315	98	14
GFL07	173	74	44	240	25	56	56	256	135	199	24	386	118	18
GFL09	220	93.5	50	300	32	70	70	318	170	237.5	27	486	149	22
GFL11	276.5	120	65	375	40	84	90	395	216	284.5	33.5	600	181	26
GFL14	339	154	80	455	50	100	114	490	271	339.5	38	740	228	32

	d	d_1	l	l_1	u	t	i_1	o_1	a_1	b_1	e_1	f_1	s_1
	H7				JS9	+0,2				H7			
GFL05	30 35	50 50	140 140	124 124	8 10	33.3 38.3	4 4	140 140	118	80	100	4	M8x14
GFL06	40 45	65 65	160 160	140 140	12 14	43.3 48.8	5 5	160 160	140	100	120	4	M10x16
GFL07	50 55	75 75	200 200	175 175	14 16	53.8 59.3	5 5	200 200	165	115	140	5	M12x18
GFL09	60 70	95 95	240 240	210 210	18 20	64.4 74.9	5 5	240 240	205	145	175	6	M16x24
GFL11	70 80	105 105	290 290	250 250	20 22	74.9 85.4	6 6	290 290	240	140	205	6	M20x32
GFL14	100	135	350	305	28	106.4	7	350	290	170	250	6	M24x35

[1)] k_2 !

GFL□□-3M HCK


k
k 1
Δ k
k 8
x
m 1
c 2
f 2
□ k 2
ø g
ø a 2
ø e 2
ø b 2
i 2
o 1
o 3
o 4
o 2
a 4
n 2
g 1
a
p
p 1
ø s 2
o
u
t
l 1
l
d
d 1

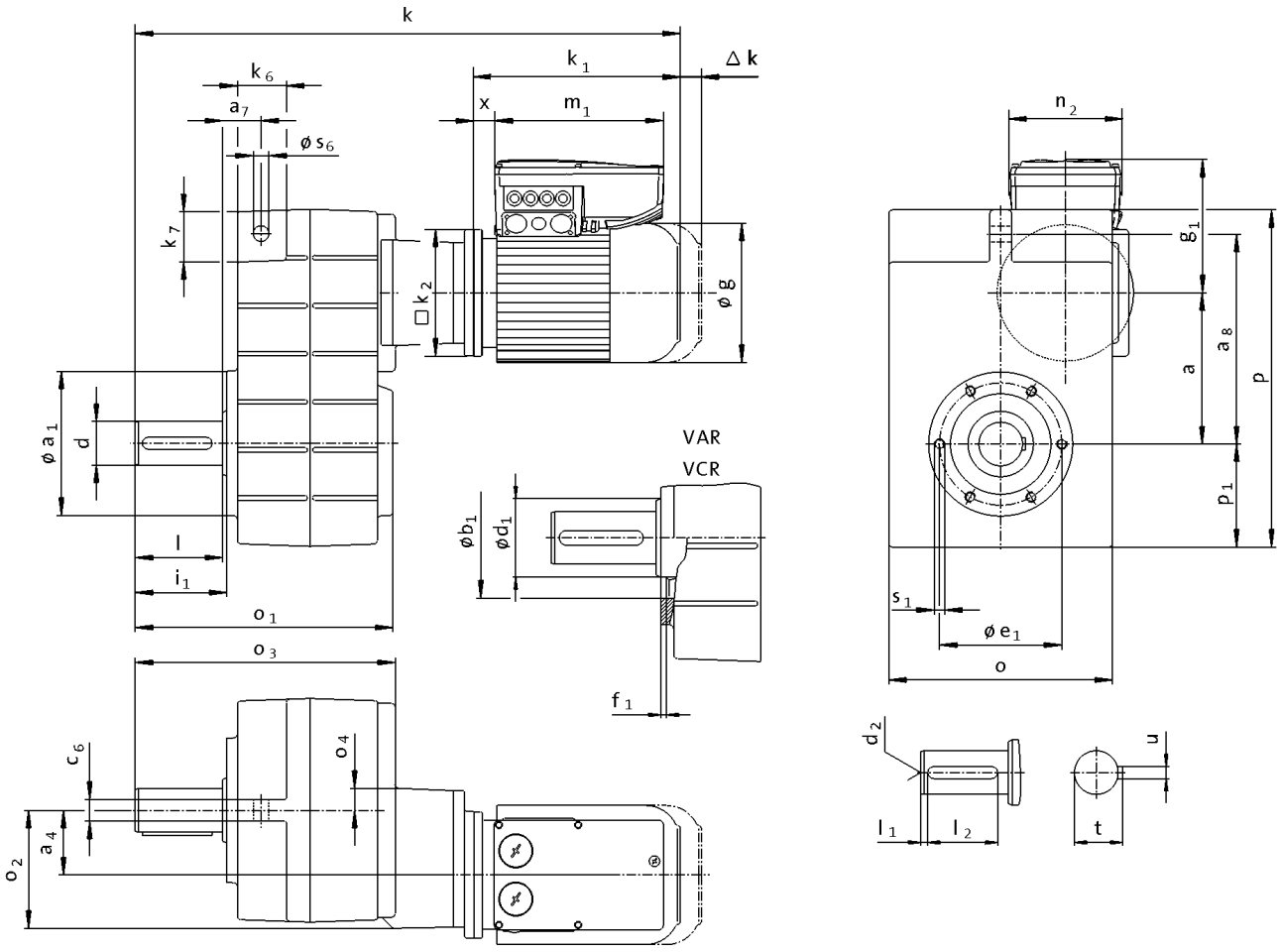
		063C32	063C42	071C32 071C42	080C32	080C42	090C32	100C12	100C32
g		123		139	156		176	194	
$g_{1,\ 50Hz}$				163	172		177	217	
$g_{1,\ 87Hz}$		154		163	172	201	205.5		
k_1	MDEMAXX	187		207	224.5		248	309	
k_2		120			145			180	
x_{50Hz}				21	25.5		28.8	29.6	
x_{87Hz}		18.8		21	25.5	24.5	27.8		
$m_{1,\ 50Hz}$					241			260	
$m_{1,\ 87Hz}$		241				260			
$n_{2,\ 50Hz}$					161			176	
$n_{2,\ 87Hz}$		161				176			
Δ k	MDEMABR	40		52	73		68	76	
	MDFMAXX	128						109	
	MDFMABR	170		165	183		181	170	
		k							
GFL05		443		463					
GFL06		481		501	523				
GFL07			539	559	581		615	676	
GFL09			596	616	638		672	733	
GFL11					698		732	793	
GFL14							811	872	

	a	a_4	k_8	$o^{1)}$	o_2	o_3	o_4	$p^{1)}$	p_1
GFL05	112.5	54.5	46	165	106.5	173.5	22.6	252	78
GFL06	140	58	55.5	206	111	200.5	20.2	315	98
GFL07	173	74	72.5	256	135	254	24	386	118
GFL09	220	93.5	77.5	318	170	297.5	27	486	149
GFL11	276.5	120	85.5	395	216	344.5	33.5	600	181
GFL14	339	154	89.5	490	271	399.5	38	740	228

	d	d_1	l	l_1	u	t	i_2	o_1	a_2	b_2	c_2	e_2	f_2	s_2
	H7				JS9	+0,2				j7				
GFL05	30 35	50 50	140 140	124 124	8 10	33.3 38.3	33 33	173 173	200	130	12	165	4	4 x 11
GFL06	40 45	65 65	160 160	140 140	12 14	43.3 48.8	42 41	201 201	250	180	15	215	4	4 x 14
GFL07	50 55	75 75	200 200	175 175	14 16	53.8 59.3	55 55	255 255	250 300	180 230	15 17	215 265	4 4	4 x 14 4 x 14
GFL09	60 70	95 95	240 240	210 210	18 20	64.4 74.9	60 60	300 300	350	250	18	300	4	4 x 17.5
GFL11	70 80	105 105	290 290	250 250	20 22	74.9 85.4	60 60	350 350	400 450	300 350	20 22	350 400	5 5	4 x 17.5 8 x 17.5
GFL14	100	135	350	305	28	106.4	60	410	450	350	22	400	5	8 x 18.5

[1)] k_2 !

GFL□□-3M V□R


k
k 1
Δ k
k 6
a 7
ø s 6
x
m 1
k 7
□ k 2
ø g
ø a 1
d
l
i 1
o 1
VAR
VCR
ø b 1
ø d 1
f 1
o 3
c 6
o 4
o 2
a 4
n 2
g 1
a
a 8
p
p 1
s 1
ø e 1
o
d 2
l 1
l 2
t
u

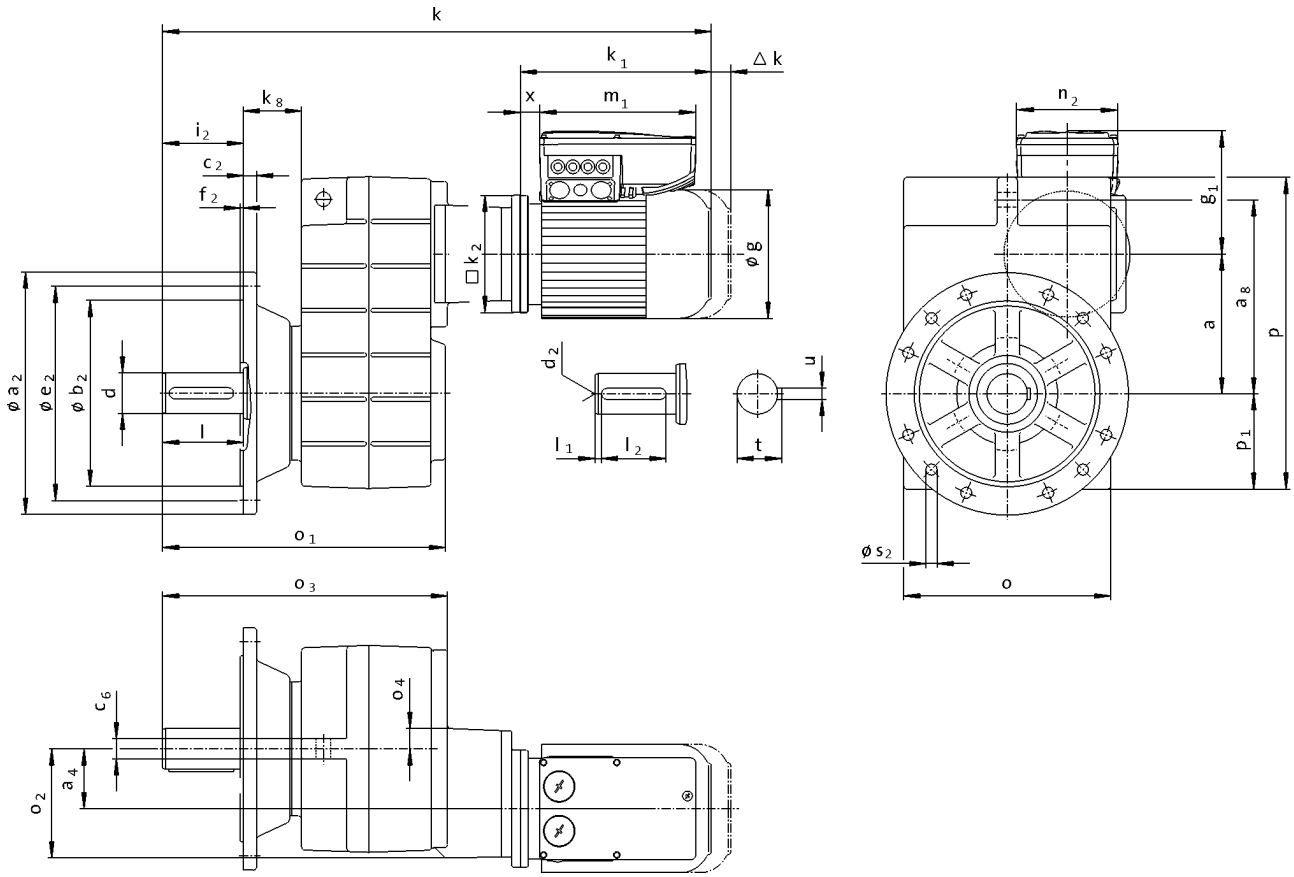
		063C32	063C42	071C32 071C42	080C32	080C42	090C32	100C12	100C32
g		123		139	156		176	194	
$g_{1,\ 50Hz}$				163	172		177	217	
$g_{1,\ 87Hz}$		154		163	172	201	205.5		
k_1	MDEMAXX	187		207	224.5		248	309	
k_2		120			145			180	
x_{50Hz}				21	25.5		28.8	29.6	
x_{87Hz}		18.8		21	25.5	24.5	27.8		
$m_{1,\ 50Hz}$					241			260	
$m_{1,\ 87Hz}$		241				260			
$n_{2,\ 50Hz}$					161			176	
$n_{2,\ 87Hz}$		161				176			
Δ k	MDEMABR	40		52	73		68	76	
	MDFMAXX	128						109	
	MDFMABR	170		165	183		181	170	
		k							
GFL05		470		490					
GFL06		520		540	562				
GFL07			584	604	626		660	721	
GFL09			656	676	698		732	793	
GFL11					798		832	893	
GFL14							951	1012	

	a	a_4	a_7	a_8	c_6	k_6	k_7	o[1)]	o_2	o_3	o_4	p[1)]	p_1	s_6
GFL05	112.5	54.5	29	155	16	35	38	165	106.5	200.5	22.6	252	78	14
GFL06	140	58	35	195	20	46	46	206	111	239.5	20.2	315	98	14
GFL07	173	74	44	240	25	56	56	256	135	299	24	386	118	18
GFL09	220	93.5	50	300	32	70	70	318	170	357.5	27	486	149	22
GFL11	276.5	120	65	375	40	84	90	395	216	444.5	33.5	600	181	26
GFL14	339	154	80	455	50	100	114	490	271	539.5	38	740	228	32

	d	d	d_1	d_2	l	l_1	l_2	u	t	o_1	a_1	b_1	e_1	f_1	s_1
	k6	m6										H7			
GFL05	30		45	M10	60	6	45	8	33	196.5	118	80	100	4	M8x14
GFL06	40		65	M16	80	7	63	12	43	235.5	140	100	120	4	M10x16
GFL07	50		75	M16	100	8	80	14	53.5	295.5	165	115	140	5	M12x18
GFL09		60	95	M20	120	8	100	18	64	355.5	205	145	175	6	M16x24
GFL11		80	105	M20	160	15	125	22	85	444.5	240	140	205	6	M20x32
GFL14		100	135	M24	200	18	160	28	106	543.5	290	170	250	6	M24x35

[1)] k_2 !

GFL□□-3M VCK


k
k 1
△ k
x
m 1
k 8
i 2
c 2
f 2
□ k 2
ø g
ø a 2
ø e 2
ø b 2
d
l
o 1
d 2
l 1
l 2
u
t
n 2
g 1
a
a 8
p
p 1
ø s 2
o
o 3
c 6
o 4
o 2
a 4

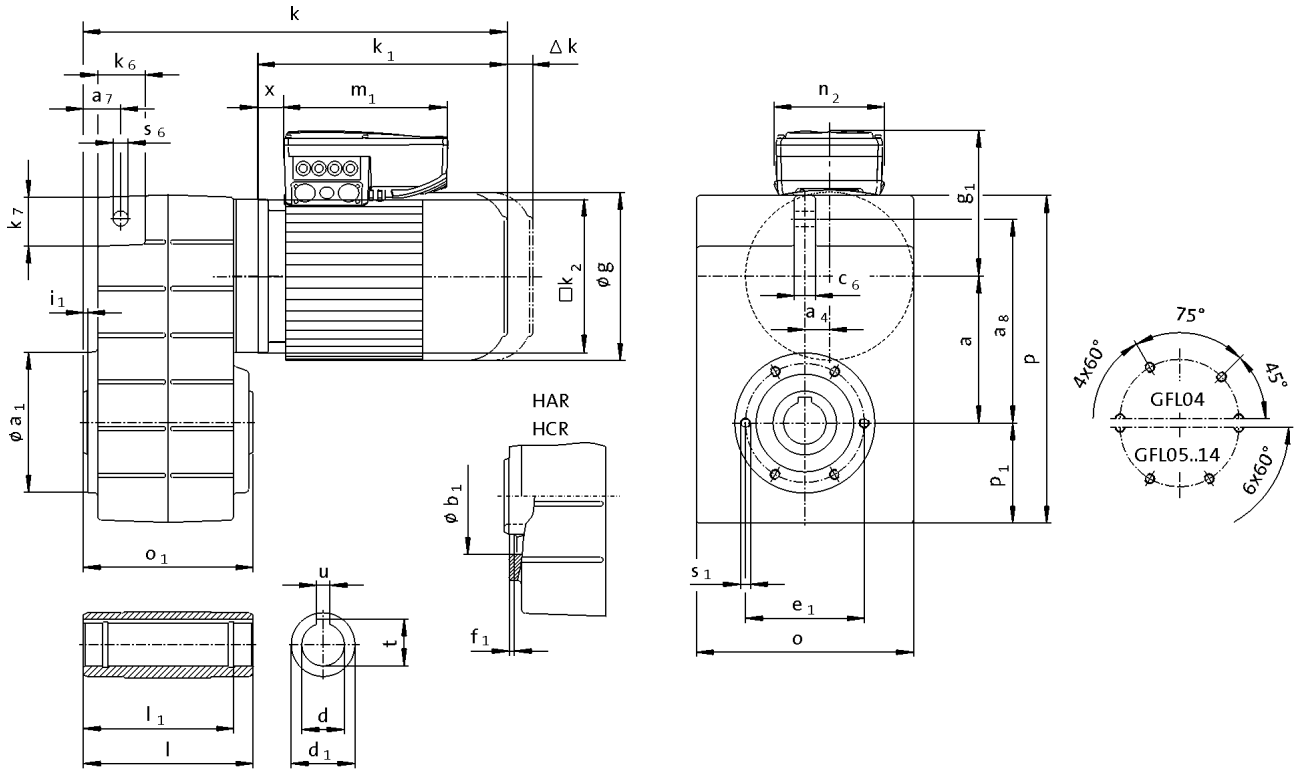
		063C32	063C42	071C32 071C42	080C32	080C42	090C32	100C12	100C32
g		123		139	156		176	194	
$g_{1,\ 50Hz}$				163	172		177	217	
$g_{1,\ 87Hz}$		154		163	172	201	205.5		
k_1	MDEMAXX	187		207	224.5		248	309	
k_2		120			145			180	
x_{50Hz}				21	25.5		28.8	29.6	
x_{87Hz}		18.8		21	25.5	24.5	27.8		
$m_{1,\ 50Hz}$					241			260	
$m_{1,\ 87Hz}$		241				260			
$n_{2,\ 50Hz}$					161			176	
$n_{2,\ 87Hz}$		161				176			
Δ k	MDEMABR	40		52	73		68	76	
	MDFMAXX	128						109	
	MDFMABR	170		165	183		181	170	
		k							
GFL05		503		523					
GFL06		561		581	603				
GFL07			639	659	681		715	776	
GFL09			716	736	758		792	853	
GFL11					858		892	953	
GFL14							1011	1072	

	a	a_4	k_8	$o^{1)}$	o_2	o_3	o_4	$p^{1)}$	p_1
GFL05	112.5	54.5	46	165	106.5	233.5	22.6	252	78
GFL06	140	58	55.5	206	111	280.5	20.2	315	98
GFL07	173	74	72.5	256	135	354	24	386	118
GFL09	220	93.5	77.5	318	170	417.5	27	486	149
GFL11	276.5	120	85.5	395	216	504.5	33.5	600	181
GFL14	339	154	89.5	490	271	599.5	38	740	228

	d	d	d_1	d_2	l	l_1	l_2	u	t	i_2	o_1	a_2	b_2	c_2	e_2	f_2	s_2
	k6	m6											j7				
GFL05	30		45	M10	60	6	45	8	33	60	229.5	200	130	12	165	4	4 x 11
GFL06	40		65	M16	80	7	63	12	43	80	276.5	250	180	15	215	4	4 x 14
GFL07	50		75	M16	100	8	80	14	53.5	100	350.5	250 300	180 230	15 17	215 265	4 4	4 x 14 4 x 14
GFL09		60	95	M20	120	8	100	18	64	120	415.5	350	250	18	300	4	4 x 17.5
GFL11		80	105	M20	160	15	125	22	85	160	504.5	400 450	300 350	20 22	350 400	5 5	4 x 17.5 8 x 17.5
GFL14		100	135	M24	200	18	160	28	106	200	603.5	450	350	22	400	5	8 x 18.5

[1)] k_2 !

GFL□□-2M H□R


k
k 1
Δ k
k 6
a 7
x
m 1
s 6
k 7
i 1
ø a 1
□k 2
ø g
o 1
u
t
l 1
l
d
d 1
HAR
HCR
ø b 1
f 1
n 2
g 1
c 6
a 4
a
a 8
p
p 1
s 1
e 1
o
75°
4x60°
45°
GFL04
GFL05..14
6x60°

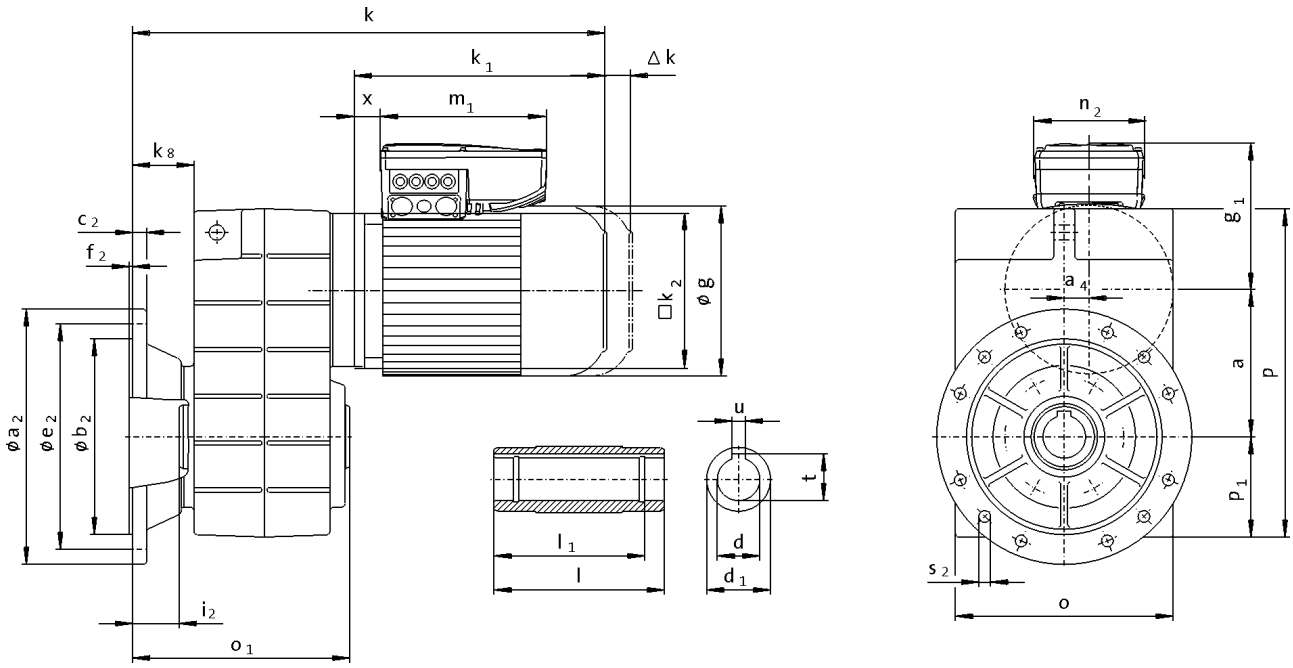
		063C32	063C42	071C32 071C42	080C32 080C42
g		123		139	156
$g_{1, 120Hz}$		154		163	201
k_1	MFEMAXX	187		207	224.5
k_2		120			145
x_{120Hz}		18.8		21	24.5
$m_{1, 120Hz}$		241			260
$n_{2, 120Hz}$		161			176
Δ k	MFEMABR	40		52	
	MFFMAXX	128			
	MFFMABR	170		165	
		k			
GFL04		312		332	354
GFL05		333		353	376
GFL06			346	366	389
GFL07					422

	a	a_4	a_7	a_8	c_6	k_6	k_7	o[1]	p[1]	p_1	s_6
GFL04	90.5	12.5	22.5	128	14	32	35	148	214	69	12.5
GFL05	112.5	18.5	29	155	16	35	38	165	252	78	14
GFL06	140	22	35	195	20	46	46	206	315	98	14
GFL07	173	29	44	240	25	56	56	256	386	118	18

	d[2]	d_1	l	l_1	u	t	i_1	o_1	a_1	b_1	e_1	f_1	s_1
	H7				JS9	+0,2				H7			
GFL04	25 30	45 45	115 115	100 100	8 8	28.3 33.3	2.5 2.5	115 115	110	75	90	3	M6x12
GFL05	30 35	50 50	140 140	124 124	8 10	33.3 38.3	4 4	140 140	118	80	100	4	M8x14
GFL06	40 45	65 65	160 160	140 140	12 14	43.3 48.8	5 5	160 160	140	100	120	4	M10x16
GFL07	50 55	75 75	200 200	175 175	14 16	53.8 59.3	5 5	200 200	165	115	140	5	M12x18

[1] k_2 !
[2] Not suitable for through machine shaft at motor end:
GFL04-2M H□□ 080C□□; d=30
GFL05-2M H□□ 100C□□; d=35
GFL07-2M H□□ 160C□□; d=50/55
GFL11-2M H□□ 225C□□; d=80

GFL□□-2M HCK


k
k 1
Δ k
x
m 1
k 8
c 2
f 2
ø a 2
ø e 2
ø b 2
□k 2
ø g
u
t
l 1
l
d
d 1
i 2
o 1
n 2
g 1
a 4
a
p
p 1
s 2
o

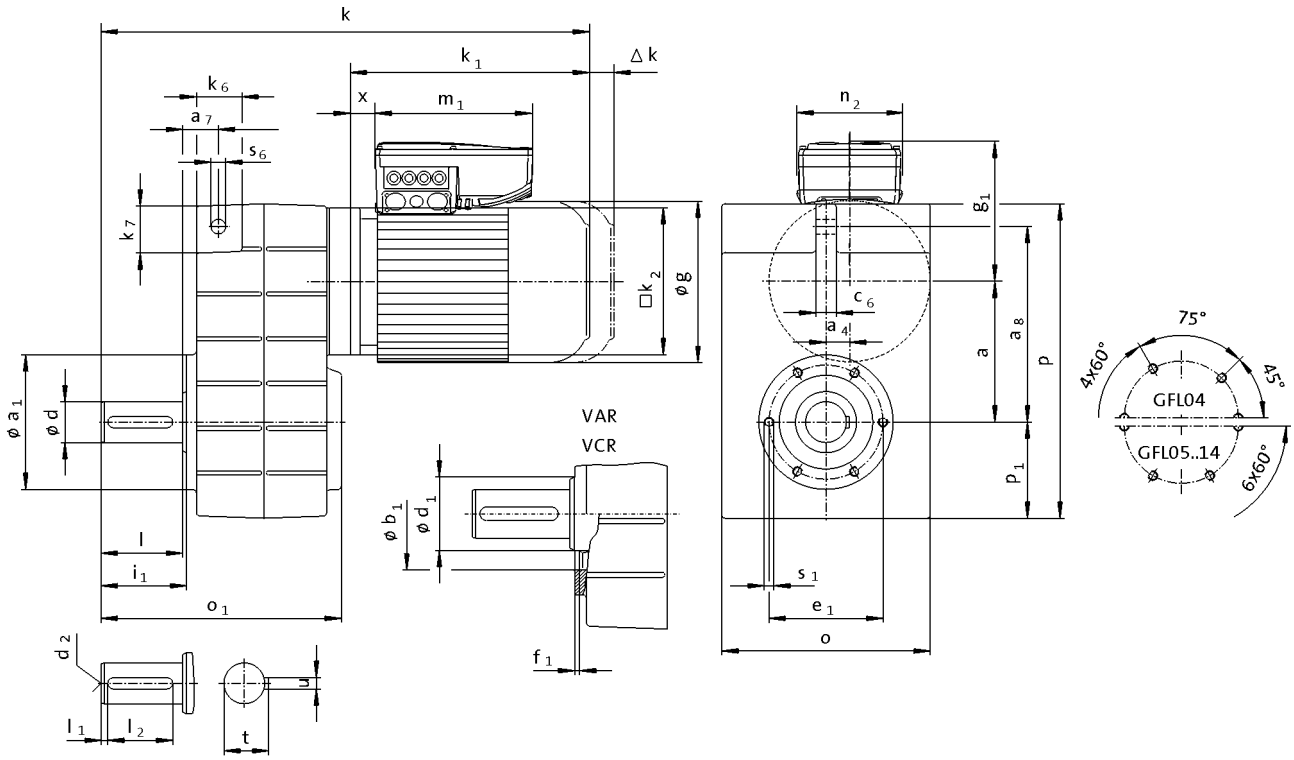
		063C32	063C42	071C32 071C42	080C32 080C42
g		123		139	156
$g_{1,\ 120Hz}$		154		163	201
k_1	MFEMAXX	187		207	224.5
k_2		120			145
x_{120Hz}		18.8		21	24.5
$m_{1,\ 120Hz}$		241			260
$n_{2,\ 120Hz}$		161			176
Δ k	MFEMABR	40		52	
	MFFMAXX	128			
	MFFMABR	170		165	
		k			
GFL04		345		365	387
GFL05		366		386	409
GFL06			387	407	430
GFL07					477

	a	a_4	k_8	$o^{1)}$	$p^{1)}$	p_1
GFL04	90.5	12.5	41.8	148	214	69
GFL05	112.5	18.5	46	165	252	78
GFL06	140	22	55.5	206	315	98
GFL07	173	29	72.5	256	386	118

	$d^{2)}$	d_1	l	l_1	u	t	i_2	o_1	a_2	b_2	c_2	e_2	f_2	s_2
	H7				JS9	+0,2				j7				
GFL04	25 30	45 45	115 115	100 100	8 8	28.3 33.3	33 33	148 148	160	110	10	130	3.5	4 x 9
GFL05	30 35	50 50	140 140	124 124	8 10	33.3 38.3	33 33	173 173	200	130	12	165	4	4 x 11
GFL06	40 45	65 65	160 160	140 140	12 14	43.3 48.8	42 41	201 201	250	180	15	215	4	4 x 14
GFL07	50 55	75 75	200 200	175 175	14 16	53.8 59.3	55 55	255 255	250 300	180 230	15 17	215 265	4 4	4 x 14 4 x 14

1) k_2 !
2) Not suitable for through machine shaft at motor end:
GFL04-2M H□□ 080C□□; d=30
GFL05-2M H□□ 100C□□; d=35
GFL07-2M H□□ 160C□□; d=50/55
GFL11-2M H□□ 225C□□; d=80

GFL□□-2M V□R


k
k 1
Δ k
k 6
a 7
s 6
x
m 1
n 2
g1
k 7
□k 2
ø g
c 6
a 4
a
a 8
p
ø a 1
ø d
VAR
VCR
ø b 1
ø d 1
l
i 1
o 1
p 1
s 1
e 1
o
f 1
d 2
l 1
l 2
t
u
75°
4x60°
45°
GFL04
GFL05..14
6x60°

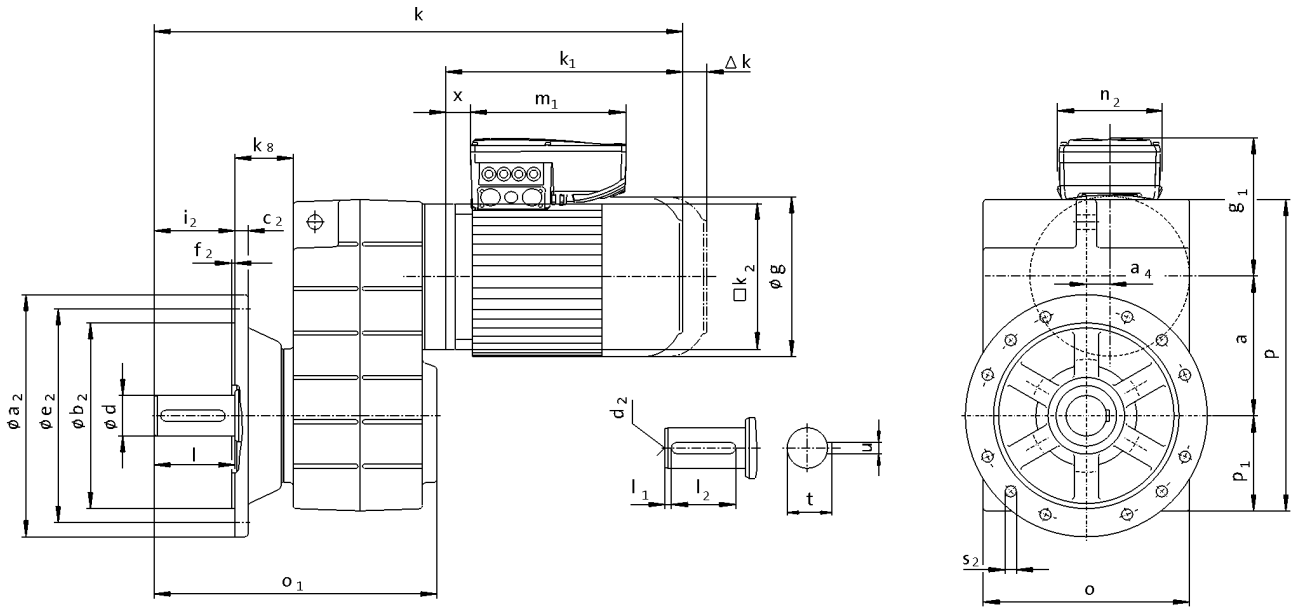
		063C32	063C42	071C32 071C42	080C32 080C42
g		123		139	156
$g_{1, 120Hz}$		154		163	201
k_1	MFEMAXX	187		207	224.5
k_2		120			145
x_{120Hz}		18.8		21	24.5
$m_{1, 120Hz}$		241			260
$n_{2, 120Hz}$		161			176
Δ k	MFEMABR	40		52	
	MFFMAXX	128			
	MFFMABR	170		165	
		k			
GFL04		362		382	404
GFL05		393		413	436
GFL06			426	446	469
GFL07					522

	a	a_4	a_7	a_8	c_6	k_6	k_7	$o^{1)}$	$p^{1)}$	p_1	s_6
GFL04	90.5	12.5	22.5	128	14	32	35	148	214	69	12.5
GFL05	112.5	18.5	29	155	16	35	38	165	252	78	14
GFL06	140	22	35	195	20	46	46	206	315	98	14
GFL07	173	29	44	240	25	56	56	256	386	118	18

	d	d_1	d_2	l	l_1	l_2	u	t	o_1	a_1	b_1	e_1	f_1	s_1
	k6										H7			
GFL04	25	45	M10	50	6	40	8	28	162.5	110	75	90	3	M6x12
GFL05	30	45	M10	60	6	45	8	33	196.5	118	80	100	4	M8x14
GFL06	40	65	M16	80	7	63	12	43	235.5	140	100	120	4	M10x16
GFL07	50	75	M16	100	8	80	14	53.5	295.5	165	115	140	5	M12x18

[1)] k_2 !

GFL□□-2M VCK


k
k1
Δ k
x
m1
k 8
i2
c2
f2
ø a2
ø e2
ø b2
ø d
l
o1
□k2
ø g
d2
l1
l2
t
u
n2
g1
a4
a
p
p1
s2
o

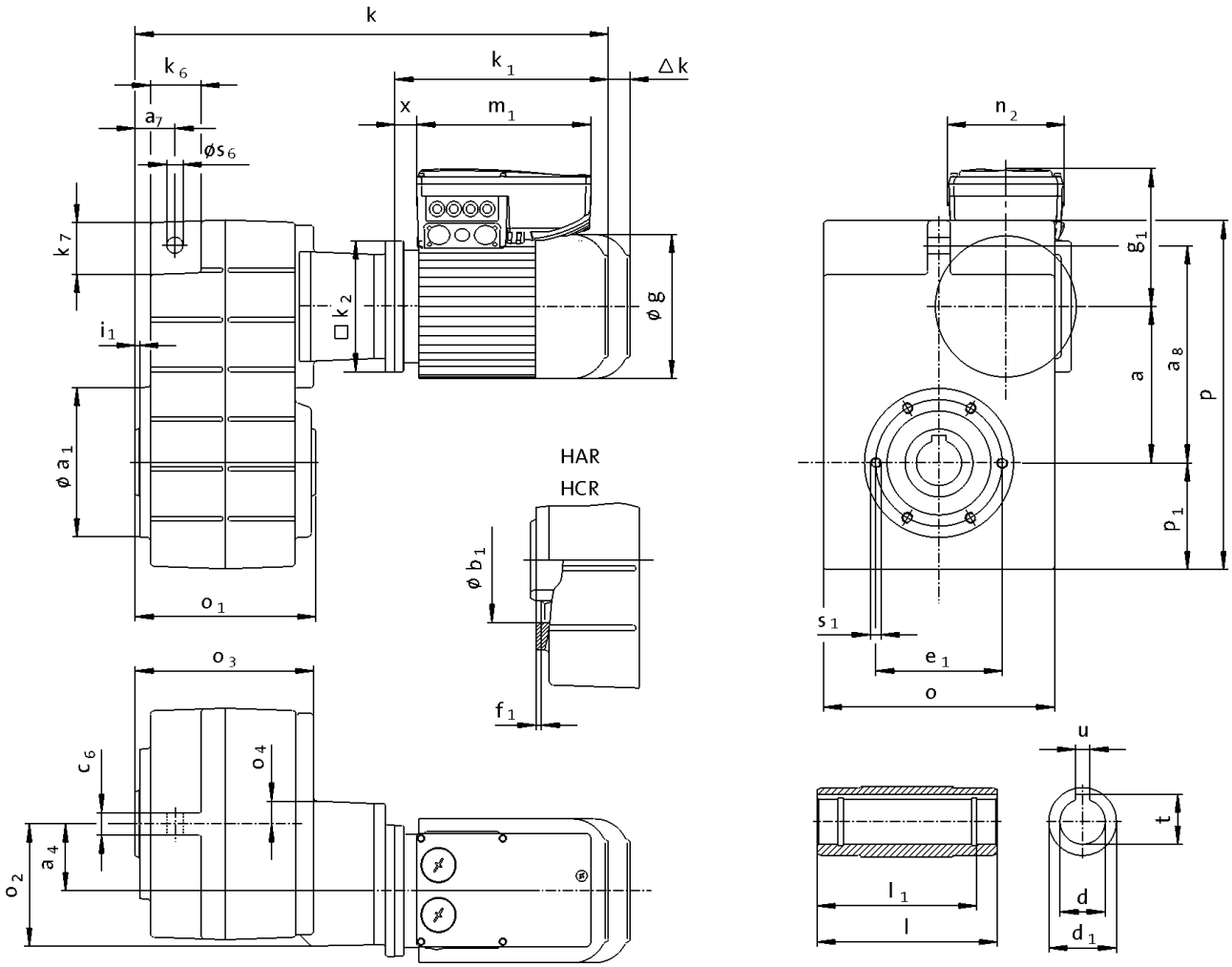
		063C32	063C42	071C32 071C42	080C32 080C42
g		123		139	156
$g_{1, 120Hz}$		154		163	201
k_1	MFEMAXX	187		207	224.5
k_2		120			145
x_{120Hz}		18.8		21	24.5
$m_{1, 120Hz}$		241			260
$n_{2, 120Hz}$		161			176
Δ k	MFEMABR	40		52	
	MFFMAXX	128			
	MFFMABR	170		165	
		k			
GFL04		395		415	437
GFL05		426		446	469
GFL06			467	487	510
GFL07					577

	a	a_4	k_8	o[1)]	p[1)]	p_1
GFL04	90.5	12.5	41.8	148	214	69
GFL05	112.5	18.5	46	165	252	78
GFL06	140	22	55.5	206	315	98
GFL07	173	29	72.5	256	386	118

	d	d_1	d_2	l	l_1	l_2	u	t	i_2	o_1	a_2	b_2	c_2	e_2	f_2	s_2
	k6											j7				
GFL04	25	45	M10	50	6	40	8	28	50	195.5	160	110	10	130	3.5	4 x 9
GFL05	30	45	M10	60	6	45	8	33	60	229.5	200	130	12	165	4	4 x 11
GFL06	40	65	M16	80	7	63	12	43	80	276.5	250	180	15	215	4	4 x 14
GFL07	50	75	M16	100	8	80	14	53.5	100	350.5	250 300	180 230	15 17	215 265	4 4	4 x 14 4 x 14

[1)] k_2 !

GFL□□-3M H□R


k
k 6
k 1
Δk
x
m 1
a 7
øs 6
k 7
i 1
□k 2
ø g
ø a 1
o 1
HAR
HCR
ø b 1
f 1
o 3
c 6
o 4
a 4
o 2
n 2
g 1
a
a 8
p
p 1
s 1
e 1
o
u
t
l 1
l
d
d 1

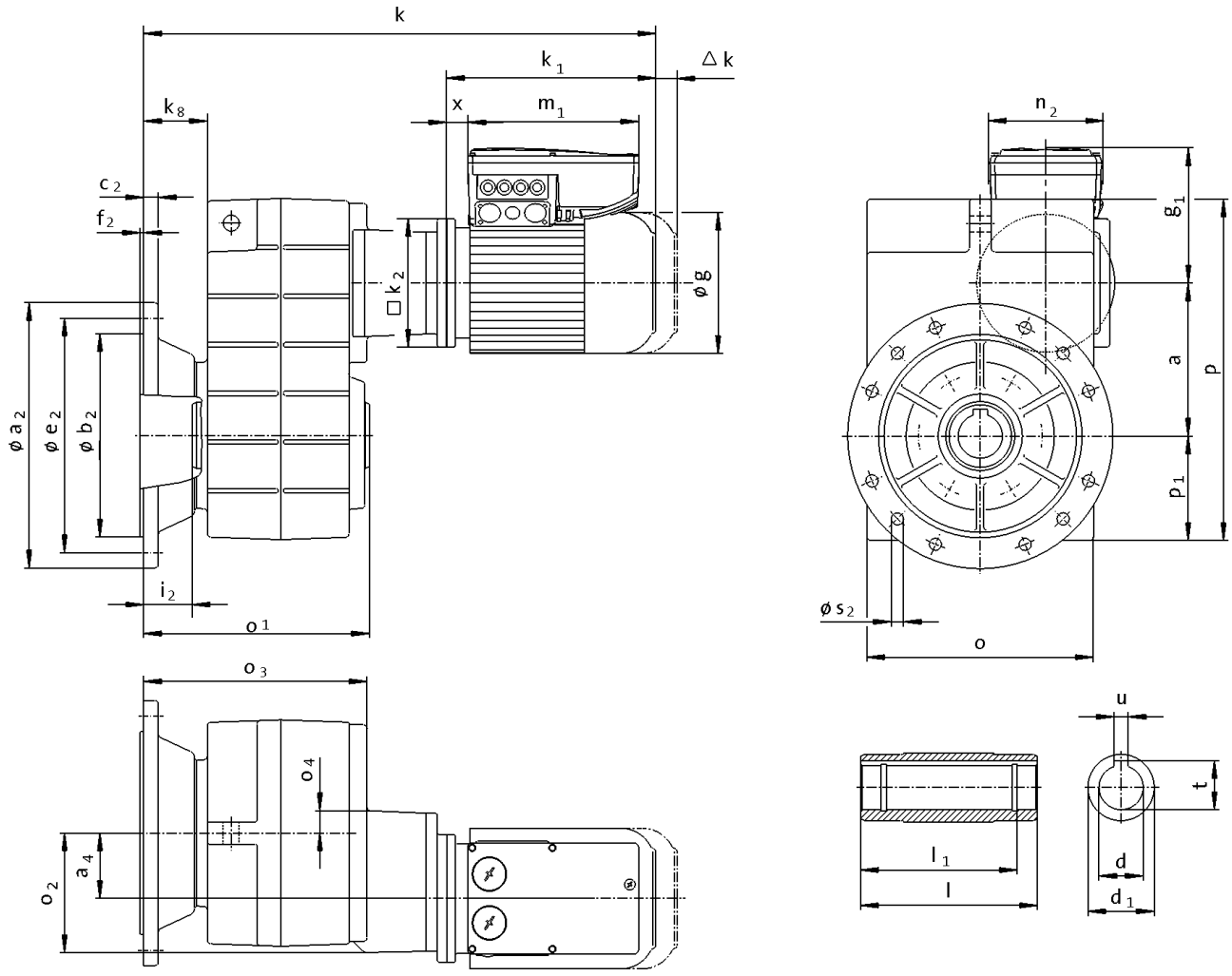
		063C32	063C42	071C32	071C42	080C32 080C42
g		123		139		156
$g_{1,\ 120Hz}$		154		163		201
k_1	MFEMAXX	187		207		224.5
k_2		120				145
x_{120Hz}		18.8		21		24.5
$m_{1,\ 120Hz}$		241				260
$n_{2,\ 120Hz}$		161				176
Δ k	MFEMABR	40		52		
	MFFMAXX	128				
	MFFMABR	170		165		
		k				
GFL05		410		430		
GFL06		440		460		482
GFL07		484		504		526
GFL09			536	556		578
GFL11						638

	a	a_4	a_7	a_8	c_6	k_6	k_7	$o^{1)}$	o_2	o_3	o_4	$p^{1)}$	p_1	s_6
GFL05	112.5	54.5	29	155	16	35	38	165	106.5	140.5	22.6	252	78	14
GFL06	140	58	35	195	20	46	46	206	111	159.5	20.2	315	98	14
GFL07	173	74	44	240	25	56	56	256	135	199	24	386	118	18
GFL09	220	93.5	50	300	32	70	70	318	170	237.5	27	486	149	22
GFL11	276.5	120	65	375	40	84	90	395	216	284.5	33.5	600	181	26

	d	d_1	l	l_1	u	t	i_1	o_1	a_1	b_1	e_1	f_1	s_1
	H7				JS9	+0,2				H7			
GFL05	30 35	50 50	140 140	124 124	8 10	33.3 38.3	4 4	140 140	118	80	100	4	M8x14
GFL06	40 45	65 65	160 160	140 140	12 14	43.3 48.8	5 5	160 160	140	100	120	4	M10x16
GFL07	50 55	75 75	200 200	175 175	14 16	53.8 59.3	5 5	200 200	165	115	140	5	M12x18
GFL09	60 70	95 95	240 240	210 210	18 20	64.4 74.9	5 5	240 240	205	145	175	6	M16x24
GFL11	70 80	105 105	290 290	250 250	20 22	74.9 85.4	6 6	290 290	240	140	205	6	M20x32

1) k_2 !

GFL□□-3M HCK


k
k 1
Δ k
k 8
x
m 1
c 2
f 2
□ k 2
ø g
ø a 2
ø e 2
ø b 2
i 2
o 1
o 3
o 4
o 2
a 4
n 2
g 1
a
p
p 1
ø s 2
o
u
t
l 1
l
d
d 1

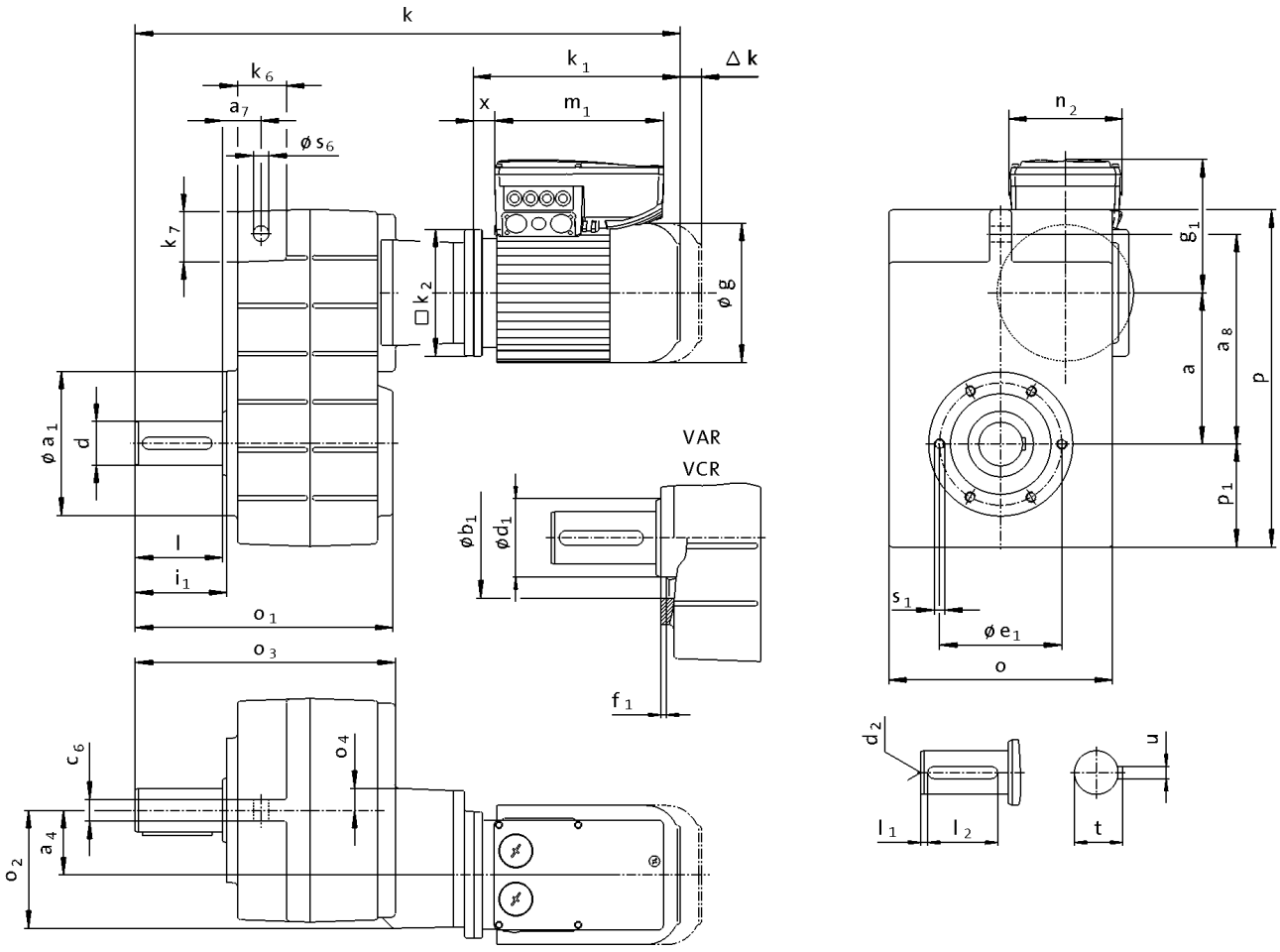
		063C32	063C42	071C32	071C42	080C32 080C42
g		123		139		156
$g_{1,\ 120Hz}$		154		163		201
k_1	MFEMAXX	187		207		224.5
k_2		120				145
x_{120Hz}		18.8		21		24.5
$m_{1,\ 120Hz}$		241				260
$n_{2,\ 120Hz}$		161				176
Δ k	MFEMABR	40		52		
	MFFMAXX	128				
	MFFMABR	170		165		
		k				
GFL05		443		463		
GFL06		481		501		523
GFL07		539		559		581
GFL09			596	616		638
GFL11						698

	a	a_4	k_8	o[1)]	o_2	o_3	o_4	p[1)]	p_1
GFL05	112.5	54.5	46	165	106.5	173.5	22.6	252	78
GFL06	140	58	55.5	206	111	200.5	20.2	315	98
GFL07	173	74	72.5	256	135	254	24	386	118
GFL09	220	93.5	77.5	318	170	297.5	27	486	149
GFL11	276.5	120	85.5	395	216	344.5	33.5	600	181

	d	d_1	l	l_1	u	t	i_2	o_1	a_2	b_2	c_2	e_2	f_2	s_2
	H7				JS9	+0,2				j7				
GFL05	30 35	50 50	140 140	124 124	8 10	33.3 38.3	33 33	173 173	200	130	12	165	4	4 x 11
GFL06	40 45	65 65	160 160	140 140	12 14	43.3 48.8	42 41	201 201	250	180	15	215	4	4 x 14
GFL07	50 55	75 75	200 200	175 175	14 16	53.8 59.3	55 55	255 255	250 300	180 230	15 17	215 265	4 4	4 x 14 4 x 14
GFL09	60 70	95 95	240 240	210 210	18 20	64.4 74.9	60 60	300 300	350	250	18	300	4	4 x 17.5
GFL11	70 80	105 105	290 290	250 250	20 22	74.9 85.4	60 60	350 350	400 450	300 350	20 22	350 400	5 5	4 x 17.5 8 x 17.5

[1)] k_2 !

GFL□□-3M V□R


k
k 1
Δ k
k 6
a 7
ø s 6
x
m 1
k 7
□ k 2
ø g
ø a 1
d
l
i 1
o 1
VAR
VCR
ø b 1
ø d 1
f 1
o 3
c 6
o 4
a 4
o 2
n 2
g 1
a
a 8
p
p 1
s 1
ø e 1
o
d 2
l 1
l 2
t
u

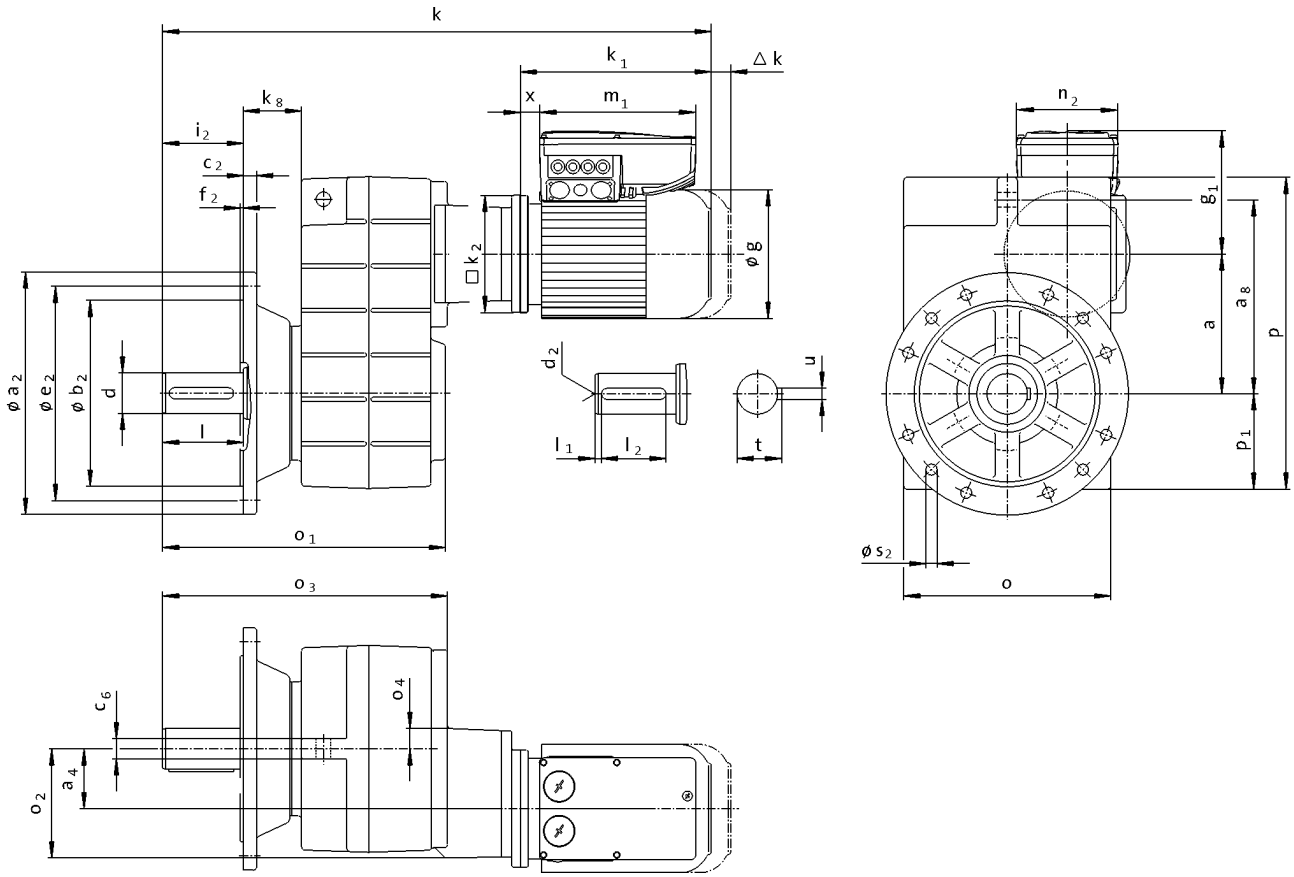
		063C32	063C42	071C32	071C42	080C32 080C42
g		123		139		156
$g_{1,\ 120Hz}$		154		163		201
k_1	MFEMAXX	187		207		224.5
k_2		120				145
x_{120Hz}		18.8		21		24.5
$m_{1,\ 120Hz}$		241				260
$n_{2,\ 120Hz}$		161				176
Δ k	MFEMABR	40		52		
	MFFMAXX	128				
	MFFMABR	170		165		
		k				
GFL05		470		490		
GFL06		520		540		562
GFL07		584		604		626
GFL09			656	676		698
GFL11						798

	a	a_4	a_7	a_8	c_6	k_6	k_7	$o^{1)}$	o_2	o_3	o_4	$p^{1)}$	p_1	s_6
GFL05	112.5	54.5	29	155	16	35	38	165	106.5	200.5	22.6	252	78	14
GFL06	140	58	35	195	20	46	46	206	111	239.5	20.2	315	98	14
GFL07	173	74	44	240	25	56	56	256	135	299	24	386	118	18
GFL09	220	93.5	50	300	32	70	70	318	170	357.5	27	486	149	22
GFL11	276.5	120	65	375	40	84	90	395	216	444.5	33.5	600	181	26

	d	d	d_1	d_2	l	l_1	l_2	u	t	o_1	a_1	b_1	e_1	f_1	s_1
	k6	m6										H7			
GFL05	30		45	M10	60	6	45	8	33	196.5	118	80	100	4	M8x14
GFL06	40		65	M16	80	7	63	12	43	235.5	140	100	120	4	M10x16
GFL07	50		75	M16	100	8	80	14	53.5	295.5	165	115	140	5	M12x18
GFL09		60	95	M20	120	8	100	18	64	355.5	205	145	175	6	M16x24
GFL11		80	105	M20	160	15	125	22	85	444.5	240	140	205	6	M20x32

[1)] k_2 !

GFL□□-3M VCK


k
k 1
△ k
x
m 1
k 8
i 2
c 2
f 2
□ k 2
ø g
ø a 2
ø e 2
ø b 2
d
l
o 1
d 2
l 1
l 2
u
t
n 2
g 1
a
a 8
p
p 1
ø s 2
o
o 3
c 6
o 4
a 4
o 2

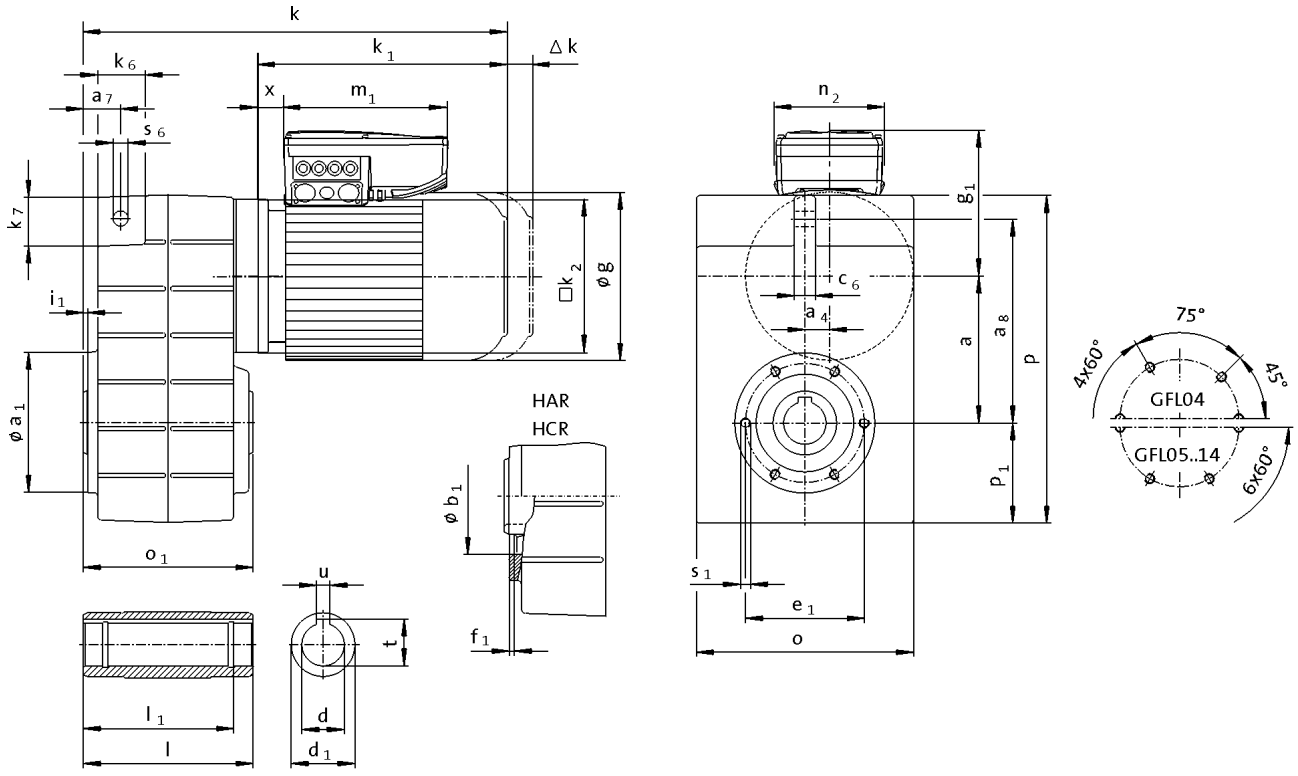
		063C32	063C42	071C32	071C42	080C32 080C42
g		123		139		156
$g_{1,\ 120Hz}$		154		163		201
k_1	MFEMAXX	187		207		224.5
k_2		120				145
x_{120Hz}		18.8		21		24.5
$m_{1,\ 120Hz}$		241				260
$n_{2,\ 120Hz}$		161				176
Δ k	MFEMABR	40		52		
	MFFMAXX	128				
	MFFMABR	170		165		
		k				
GFL05		503		523		
GFL06		561		581		603
GFL07		639		659		681
GFL09			716	736		758
GFL11						858

	a	a_4	k_8	o[1)]	o_2	o_3	o_4	p[1)]	p_1
GFL05	112.5	54.5	46	165	106.5	233.5	22.6	252	78
GFL06	140	58	55.5	206	111	280.5	20.2	315	98
GFL07	173	74	72.5	256	135	354	24	386	118
GFL09	220	93.5	77.5	318	170	417.5	27	486	149
GFL11	276.5	120	85.5	395	216	504.5	33.5	600	181

	d	d	d_1	d_2	l	l_1	l_2	u	t	i_2	o_1	a_2	b_2	c_2	e_2	f_2	s_2
	k6	m6											j7				
GFL05	30		45	M10	60	6	45	8	33	60	229.5	200	130	12	165	4	4 x 11
GFL06	40		65	M16	80	7	63	12	43	80	276.5	250	180	15	215	4	4 x 14
GFL07	50		75	M16	100	8	80	14	53.5	100	350.5	250 300	180 230	15 17	215 265	4 4	4 x 14 4 x 14
GFL09		60	95	M20	120	8	100	18	64	120	415.5	350	250	18	300	4	4 x 17.5
GFL11		80	105	M20	160	15	125	22	85	160	504.5	400 450	300 350	20 22	350 400	5 5	4 x 17.5 8 x 17.5

[1)] k_2 !

GFL□□-2M H□R


k
k 1
Δ k
k 6
a 7
x
m 1
s 6
k 7
i 1
ø a 1
□k 2
ø g
o 1
u
t
l 1
l
d
d 1
HAR
HCR
ø b 1
f 1
n 2
g 1
c 6
a 4
a
a 8
p
p 1
s 1
e 1
o
75°
4x60°
45°
GFL04
GFL05..14
6x60°

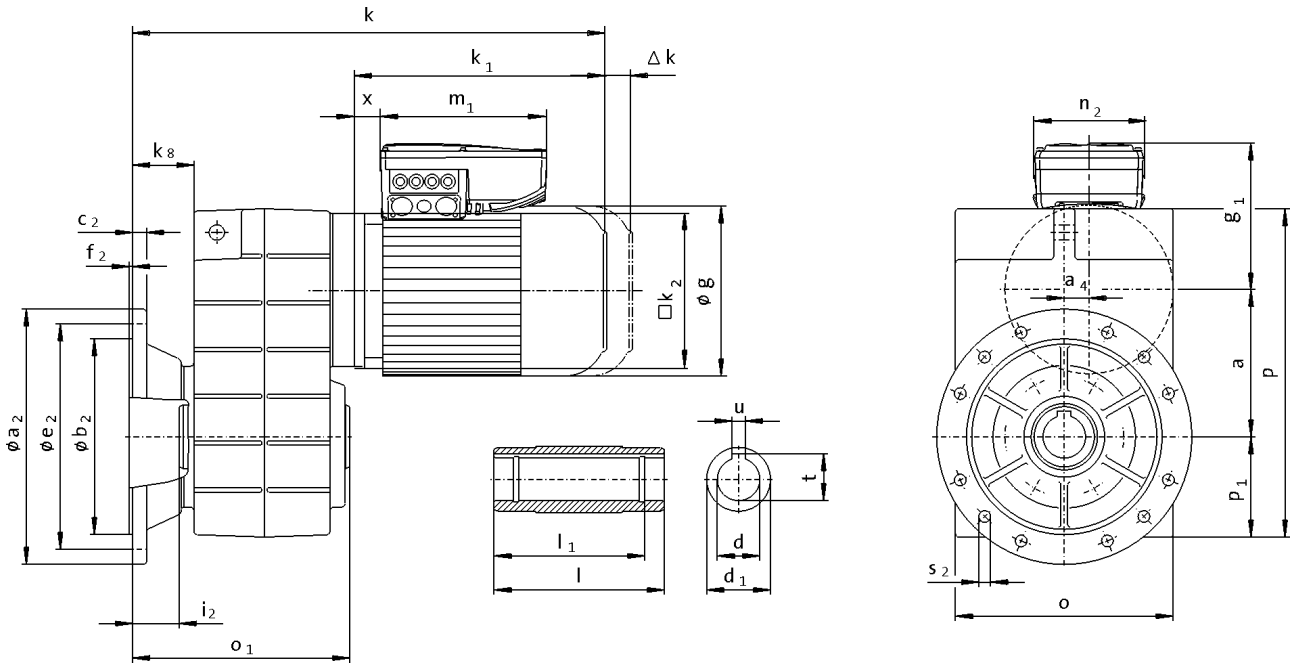
		080C32	090C12 090C32	100C12	100C32
g		156	176	194	
$g_{1, 50Hz}$		172	177	217	
$g_{1, 87Hz}$		172	205.5		
k_1	MHEMAXX	224.5	274	309	324
k_2		145		180	
x_{50Hz}		25.5	28.8	29.6	
x_{87Hz}		25.5	27.8		
$m_{1, 50Hz}$		241		260	
$m_{1, 87Hz}$		241	260		
$n_{2, 50Hz}$		161		176	
$n_{2, 87Hz}$		161	176		
Δ k	MHEMABR	73	68	76	
	MHFMAXX	128		109	
	MHFMABR	183	181	170	
		k			
GFL04		354			
GFL05		376	435	470	485
GFL06		389	448	483	498
GFL07		422	481	516	531
GFL09			515	550	565
GFL11				591	606

	a	a_4	a_7	a_8	c_6	k_6	k_7	$o^{1)}$	$p^{1)}$	p_1	s_6
GFL04	90.5	12.5	22.5	128	14	32	35	148	214	69	12.5
GFL05	112.5	18.5	29	155	16	35	38	165	252	78	14
GFL06	140	22	35	195	20	46	46	206	315	98	14
GFL07	173	29	44	240	25	56	56	256	386	118	18
GFL09	220	37.5	50	300	32	70	70	318	486	149	22
GFL11	276.5	50	65	375	40	84	90	395	600	181	26

	$d^{2)}$	d_1	l	l_1	u	t	i_1	o_1	a_1	b_1	e_1	f_1	s_1
	H7				JS9	+0,2				H7			
GFL04	25 30	45 45	115 115	100 100	8 8	28.3 33.3	2.5 2.5	115 115	110	75	90	3	M6x12
GFL05	30 35	50 50	140 140	124 124	8 10	33.3 38.3	4 4	140 140	118	80	100	4	M8x14
GFL06	40 45	65 65	160 160	140 140	12 14	43.3 48.8	5 5	160 160	140	100	120	4	M10x16
GFL07	50 55	75 75	200 200	175 175	14 16	53.8 59.3	5 5	200 200	165	115	140	5	M12x18
GFL09	60 70	95 95	240 240	210 210	18 20	64.4 74.9	5 5	240 240	205	145	175	6	M16x24
GFL11	70 80	105 105	290 290	250 250	20 22	74.9 85.4	6 6	290 290	240	140	205	6	M20x32

1) k_2 !
2) Not suitable for through machine shaft at motor end:
GFL04-2M H□□ 080C□□; d=30
GFL05-2M H□□ 100C□□; d=35
GFL07-2M H□□ 160C□□; d=50/55
GFL11-2M H□□ 225C□□; d=80

GFL□□-2M HCK


k
k 1
Δ k
x
m 1
k 8
c 2
f 2
ø a 2
ø e 2
ø b 2
□k 2
ø g
i 2
o 1
u
t
l 1
l
d
d 1
n 2
g 1
a 4
a
p
p 1
s 2
o

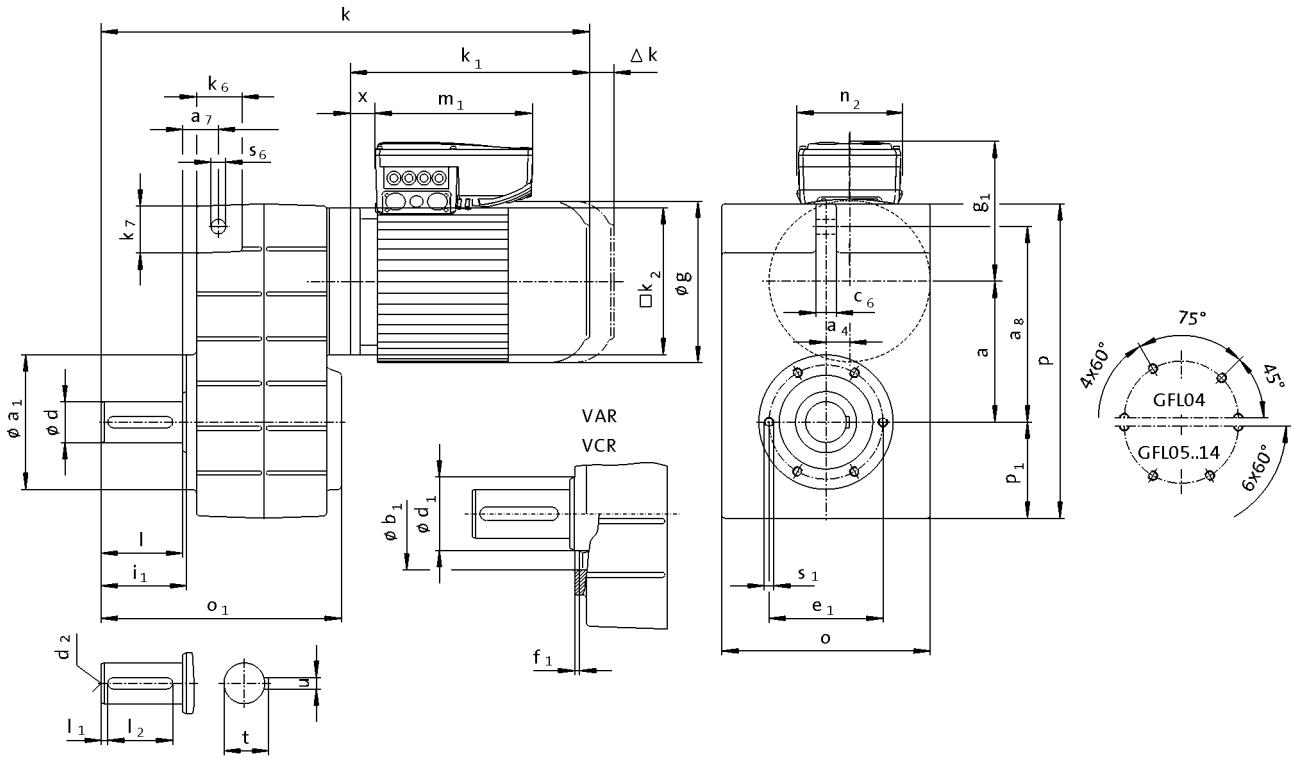
		080C32	090C12 090C32	100C12	100C32
g		156	176	194	
$g_{1, 50Hz}$		172	177	217	
$g_{1, 87Hz}$		172	205.5		
k_1	MHEMAXX	224.5	274	309	324
k_2		145		180	
x_{50Hz}		25.5	28.8	29.6	
x_{87Hz}		25.5	27.8		
$m_{1, 50Hz}$		241		260	
$m_{1, 87Hz}$		241	260		
$n_{2, 50Hz}$		161		176	
$n_{2, 87Hz}$		161	176		
Δ k	MHEMABR	73	68	76	
	MHFMAXX	128		109	
	MHFMABR	183	181	170	
		k			
GFL04		387			
GFL05		409	468	503	518
GFL06		430	489	524	539
GFL07		477	536	571	586
GFL09			575	610	625
GFL11				651	666

	a	a_4	k_8	o[1)]	p[1)]	p_1
GFL04	90.5	12.5	41.8	148	214	69
GFL05	112.5	18.5	46	165	252	78
GFL06	140	22	55.5	206	315	98
GFL07	173	29	72.5	256	386	118
GFL09	220	37.5	77.5	318	486	149
GFL11	276.5	50	85.5	395	600	181

	d[2)]	d_1	l	l_1	u	t	i_2	o_1	a_2	b_2	c_2	e_2	f_2	s_2
	H7				JS9	+0,2				j7				
GFL04	25 30	45 45	115 115	100 100	8 8	28.3 33.3	33 33	148 148	160	110	10	130	3.5	4 x 9
GFL05	30 35	50 50	140 140	124 124	8 10	33.3 38.3	33 33	173 173	200	130	12	165	4	4 x 11
GFL06	40 45	65 65	160 160	140 140	12 14	43.3 48.8	42 41	201 201	250	180	15	215	4	4 x 14
GFL07	50 55	75 75	200 200	175 175	14 16	53.8 59.3	55 55	255 255	250 300	180 230	15 17	215 265	4 4	4 x 14 4 x 14
GFL09	60 70	95 95	240 240	210 210	18 20	64.4 74.9	60 60	300 300	350	250	18	300	4	4 x 17.5
GFL11	70 80	105 105	290 290	250 250	20 22	74.9 85.4	60 60	350 350	400 450	300 350	20 22	350 400	5 5	4 x 17.5 8 x 17.5

[1)] k_2 !
[2)] Not suitable for through machine shaft at motor end:
GFL04-2M H□□ 080C□□; d=30
GFL05-2M H□□ 100C□□; d=35
GFL07-2M H□□ 160C□□; d=50/55
GFL11-2M H□□ 225C□□; d=80

GFL□□-2M V□R


k
k 1
Δ k
k 6
a 7
s 6
x
m 1
n 2
k 7
□k 2
ø g
g 1
c 6
a 4
a
a 8
p
p 1
ø a 1
ø d
l
i 1
o 1
VAR
VCR
ø b 1
ø d 1
f 1
s 1
e 1
o
d 2
l 1
l 2
t
u
75°
4x60°
45°
GFL04
GFL05..14
6x60°

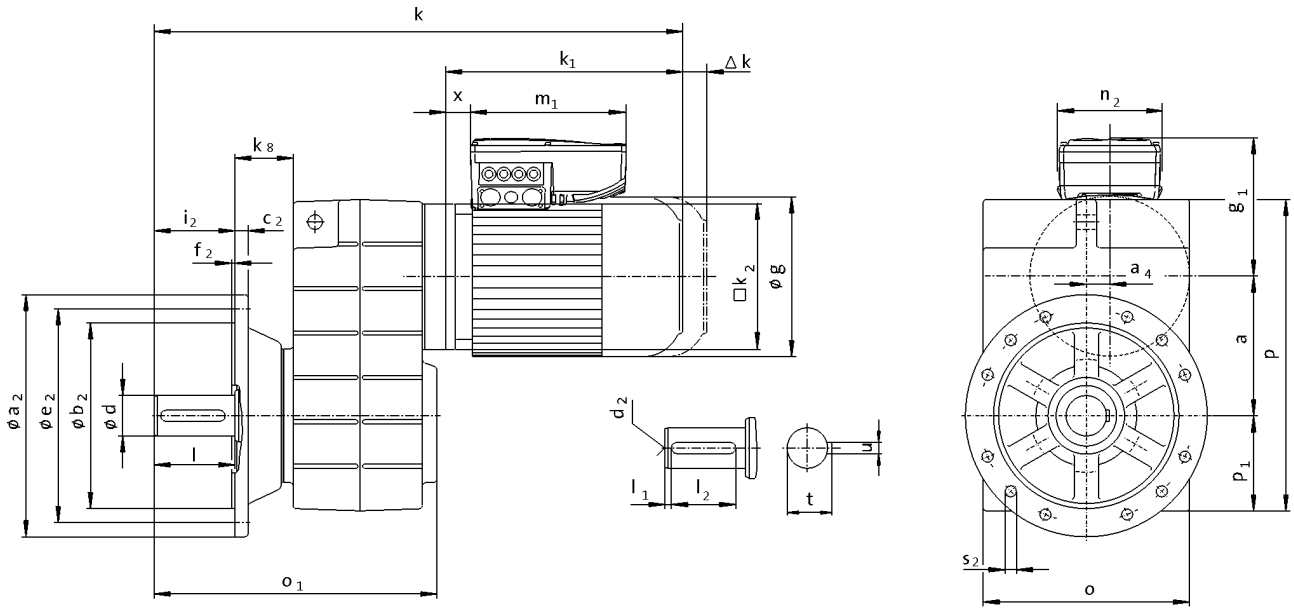
		080C32	090C12 090C32	100C12	100C32
g		156	176	194	
$g_{1, 50Hz}$		172	177	217	
$g_{1, 87Hz}$		172	205.5		
k_1	MHEMAXX	224.5	274	309	324
k_2		145		180	
x_{50Hz}		25.5	28.8	29.6	
x_{87Hz}		25.5	27.8		
$m_{1, 50Hz}$		241		260	
$m_{1, 87Hz}$		241	260		
$n_{2, 50Hz}$		161		176	
$n_{2, 87Hz}$		161	176		
Δ k	MHEMABR	73	68	76	
	MHFMAXX	128		109	
	MHFMABR	183	181	170	
		k			
GFL04		404	464		
GFL05		436	495	530	545
GFL06		469	528	563	578
GFL07		522	581	616	631
GFL09			635	670	685
GFL11				751	766

	a	a_4	a_7	a_8	c_6	k_6	k_7	$o^{1)}$	$p^{1)}$	p_1	s_6
GFL04	90.5	12.5	22.5	128	14	32	35	148	214	69	12.5
GFL05	112.5	18.5	29	155	16	35	38	165	252	78	14
GFL06	140	22	35	195	20	46	46	206	315	98	14
GFL07	173	29	44	240	25	56	56	256	386	118	18
GFL09	220	37.5	50	300	32	70	70	318	486	149	22
GFL11	276.5	50	65	375	40	84	90	395	600	181	26

	d	d	d_1	d_2	l	l_1	l_2	u	t	o_1	a_1	b_1	e_1	f_1	s_1
	k6	m6										H7			
GFL04	25		45	M10	50	6	40	8	28	162.5	110	75	90	3	M6x12
GFL05	30		45	M10	60	6	45	8	33	196.5	118	80	100	4	M8x14
GFL06	40		65	M16	80	7	63	12	43	235.5	140	100	120	4	M10x16
GFL07	50		75	M16	100	8	80	14	53.5	295.5	165	115	140	5	M12x18
GFL09		60	95	M20	120	8	100	18	64	355.5	205	145	175	6	M16x24
GFL11		80	105	M20	160	15	125	22	85	444.5	240	140	205	6	M20x32

[1)] k_2 !

GFL□□-2M VCK


k
k1
Δ k
x
m1
k 8
i2
c2
f2
ø a2
ø e2
ø b2
ø d
l
o1
□k2
ø g
d2
l1
l2
t
u
n2
g1
a4
a
p
p1
s2
o

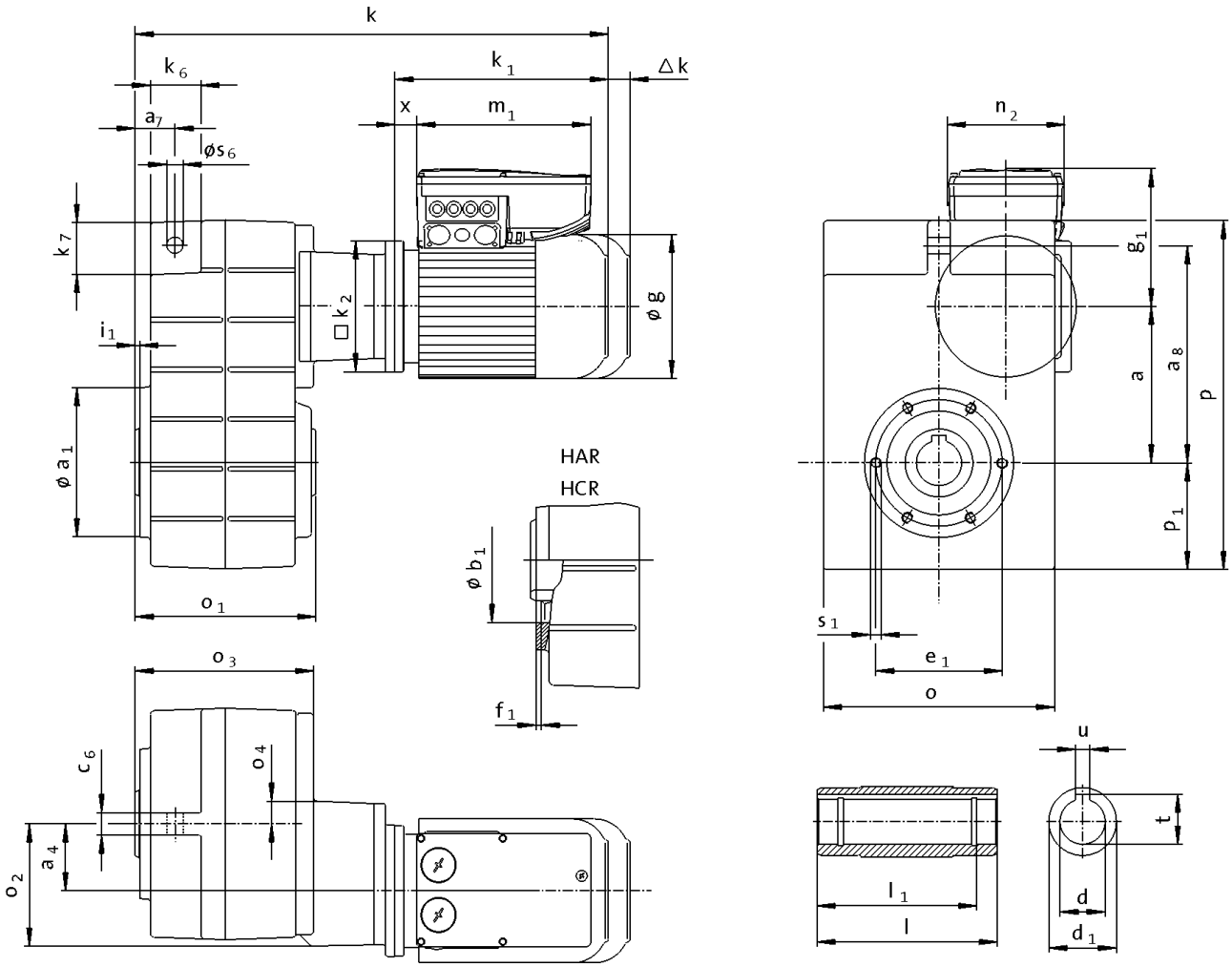
		080C32	090C12 090C32	100C12	100C32
g		156	176	194	
$g_{1, 50Hz}$		172	177	217	
$g_{1, 87Hz}$		172	205.5		
k_1	MHEMAXX	224.5	274	309	324
k_2		145		180	
x_{50Hz}		25.5	28.8	29.6	
x_{87Hz}		25.5	27.8		
$m_{1, 50Hz}$		241		260	
$m_{1, 87Hz}$		241	260		
$n_{2, 50Hz}$		161		176	
$n_{2, 87Hz}$		161	176		
Δ k	MHEMABR	73	68	76	
	MHFMAXX	128		109	
	MHFMABR	183	181	170	
		k			
GFL04		437	497		
GFL05		469	528	563	578
GFL06		510	569	604	619
GFL07		577	636	671	686
GFL09			695	730	745
GFL11				811	826

	a	a_4	k_8	o[1)]	p[1)]	p_1
GFL04	90.5	12.5	41.8	148	214	69
GFL05	112.5	18.5	46	165	252	78
GFL06	140	22	55.5	206	315	98
GFL07	173	29	72.5	256	386	118
GFL09	220	37.5	77.5	318	486	149
GFL11	276.5	50	85.5	395	600	181

	d	d	d_1	d_2	l	l_1	l_2	u	t	i_2	o_1	a_2	b_2	c_2	e_2	f_2	s_2
	k6	m6											j7				
GFL04	25		45	M10	50	6	40	8	28	50	195.5	160	110	10	130	3.5	4 x 9
GFL05	30		45	M10	60	6	45	8	33	60	229.5	200	130	12	165	4	4 x 11
GFL06	40		65	M16	80	7	63	12	43	80	276.5	250	180	15	215	4	4 x 14
GFL07	50		75	M16	100	8	80	14	53.5	100	350.5	250 300	180 230	15 17	215 265	4 4	4 x 14 4 x 14
GFL09		60	95	M20	120	8	100	18	64	120	415.5	350	250	18	300	4	4 x 17.5
GFL11		80	105	M20	160	15	125	22	85	160	504.5	400 450	300 350	20 22	350 400	5 5	4 x 17.5 8 x 17.5

[1)] k_2 !

GFL□□-3M H□R


k
k 6
k 1
Δk
x
m 1
a 7
ø s 6
k 7
i 1
□ k 2
ø g
ø a 1
o 1
HAR
HCR
ø b 1
f 1
o 3
c 6
o 4
a 4
o 2
n 2
g 1
a
a 8
p
p 1
s 1
e 1
o
u
t
l 1
l
d
d 1

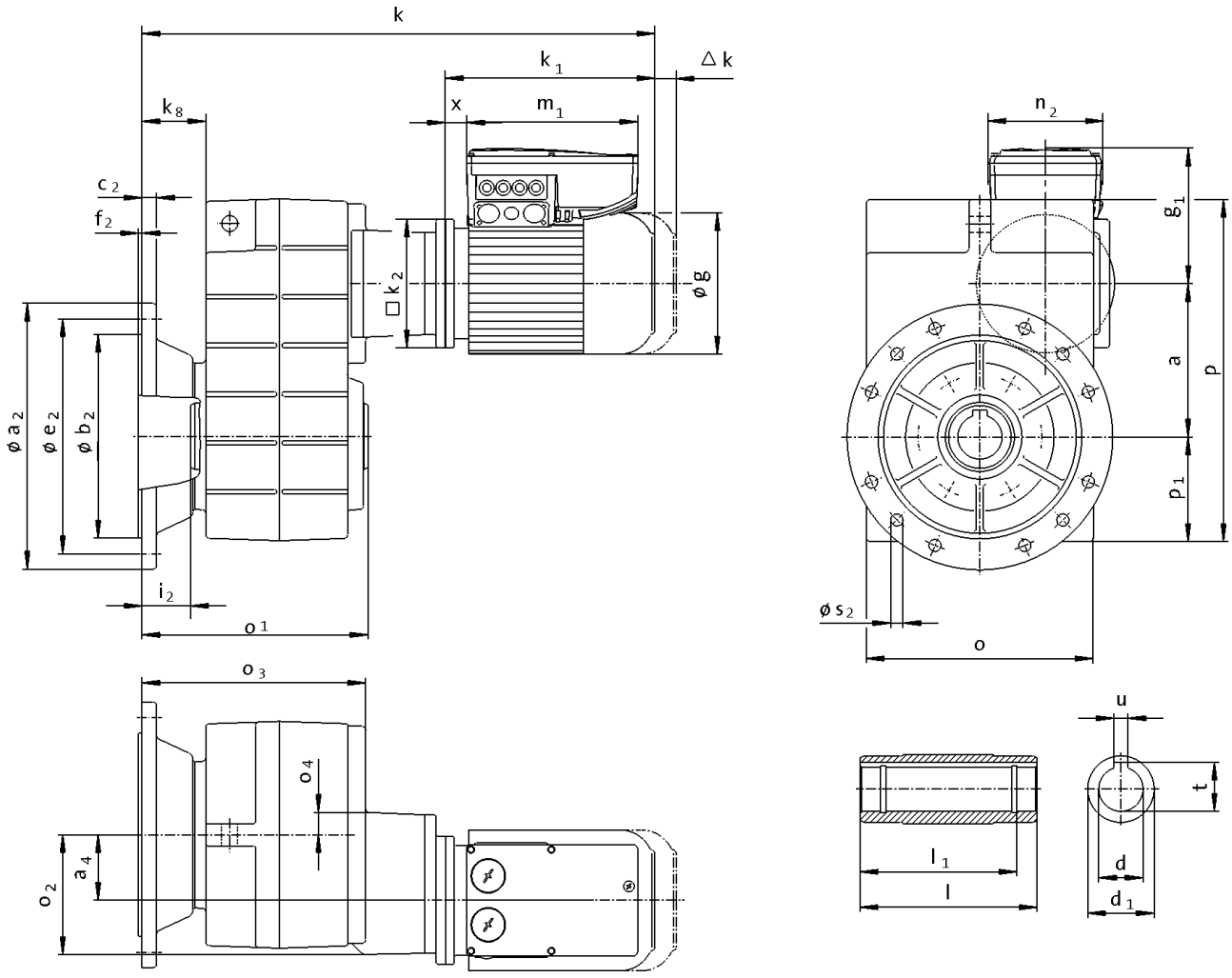
		080C32	090C12	090C32	100C12	100C32
g		156	176		194	
$g_{1, 50Hz}$		172	177		217	
$g_{1, 87Hz}$		172	205.5			
k_1	MHEMAXX	224.5	274		309	324
k_2		145	180			
x_{50Hz}		25.5	28.8		29.6	
x_{87Hz}		25.5	27.8			
$m_{1, 50Hz}$		241			260	
$m_{1, 87Hz}$		241	260			
$n_{2, 50Hz}$		161			176	
$n_{2, 87Hz}$		161	176			
Δ k	MHEMABR	73	68		76	
	MHFMAXX	128			109	
	MHFMABR	183	181		170	
		k				
GFL06		482	542			
GFL07		526	586		621	
GFL09		578	638		673	688
GFL11		638	698		733	748
GFL14			777		812	827

	a	a_4	a_7	a_8	c_6	k_6	k_7	$o^{1)}$	o_2	o_3	o_4	$p^{1)}$	p_1	s_6
GFL06	140	58	35	195	20	46	46	206	111	159.5	20.2	315	98	14
GFL07	173	74	44	240	25	56	56	256	135	199	24	386	118	18
GFL09	220	93.5	50	300	32	70	70	318	170	237.5	27	486	149	22
GFL11	276.5	120	65	375	40	84	90	395	216	284.5	33.5	600	181	26
GFL14	339	154	80	455	50	100	114	490	271	339.5	38	740	228	32

	d	d_1	l	l_1	u	t	i_1	o_1	a_1	b_1	e_1	f_1	s_1
	H7				JS9	+0,2				H7			
GFL06	40 45	65 65	160 160	140 140	12 14	43.3 48.8	5 5	160 160	140	100	120	4	M10x16
GFL07	50 55	75 75	200 200	175 175	14 16	53.8 59.3	5 5	200 200	165	115	140	5	M12x18
GFL09	60 70	95 95	240 240	210 210	18 20	64.4 74.9	5 5	240 240	205	145	175	6	M16x24
GFL11	70 80	105 105	290 290	250 250	20 22	74.9 85.4	6 6	290 290	240	140	205	6	M20x32
GFL14	100	135	350	305	28	106.4	7	350	290	170	250	6	M24x35

1) k_2 !

GFL□□-3M HCK


k
k 1
Δ k
k 8
x
m 1
c 2
f 2
□ k 2
ø g
ø a 2
ø e 2
ø b 2
i 2
o 1
o 3
o 4
o 2
a 4
n 2
g 1
a
p
p 1
ø s 2
o
u
t
l 1
l
d
d 1

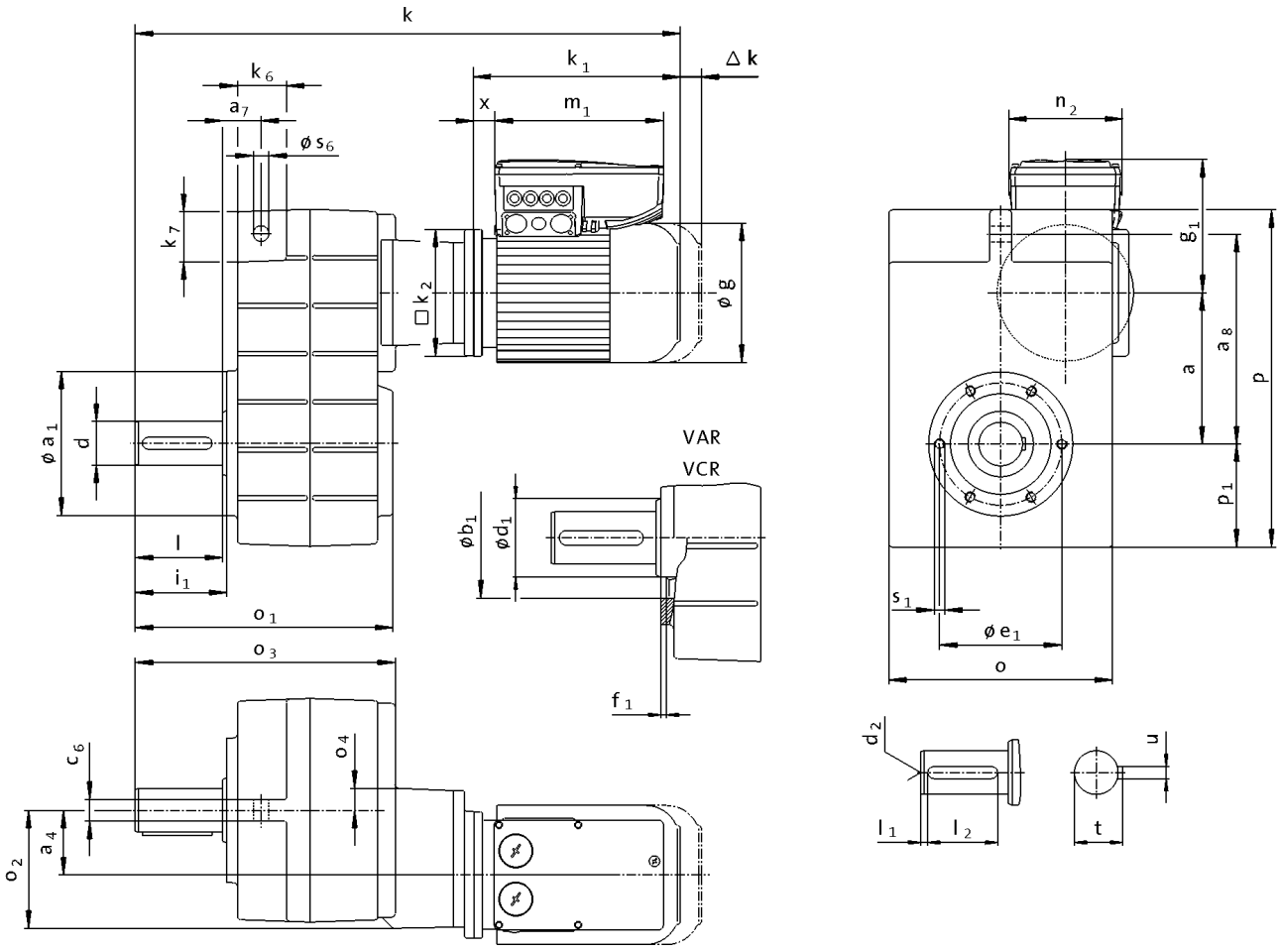
		080C32	090C12	090C32	100C12	100C32
g		156	176		194	
$g_{1, 50Hz}$		172	177		217	
$g_{1, 87Hz}$		172	205.5			
k_1	MHEMAXX	224.5	274		309	324
k_2		145	180			
x_{50Hz}		25.5	28.8		29.6	
x_{87Hz}		25.5	27.8			
$m_{1, 50Hz}$		241			260	
$m_{1, 87Hz}$		241	260			
$n_{2, 50Hz}$		161			176	
$n_{2, 87Hz}$		161	176			
Δ k	MHEMABR	73	68		76	
	MHFMAXX	128			109	
	MHFMABR	183	181		170	
		k				
GFL06		523	583			
GFL07		581	641		676	
GFL09		638	698		733	748
GFL11		698	758		793	808
GFL14			837		872	887

	a	a_4	k_8	$o^{1)}$	o_2	o_3	o_4	$p^{1)}$	p_1
GFL06	140	58	55.5	206	111	200.5	20.2	315	98
GFL07	173	74	72.5	256	135	254	24	386	118
GFL09	220	93.5	77.5	318	170	297.5	27	486	149
GFL11	276.5	120	85.5	395	216	344.5	33.5	600	181
GFL14	339	154	89.5	490	271	399.5	38	740	228

	d	d_1	l	l_1	u	t	i_2	o_1	a_2	b_2	c_2	e_2	f_2	s_2
	H7				JS9	+0,2				j7				
GFL06	40 45	65 65	160 160	140 140	12 14	43.3 48.8	42 41	201 201	250	180	15	215	4	4 x 14
GFL07	50 55	75 75	200 200	175 175	14 16	53.8 59.3	55 55	255 255	250 300	180 230	15 17	215 265	4 4	4 x 14 4 x 14
GFL09	60 70	95 95	240 240	210 210	18 20	64.4 74.9	60 60	300 300	350	250	18	300	4	4 x 17.5
GFL11	70 80	105 105	290 290	250 250	20 22	74.9 85.4	60 60	350 350	400 450	300 350	20 22	350 400	5 5	4 x 17.5 8 x 17.5
GFL14	100	135	350	305	28	106.4	60	410	450	350	22	400	5	8 x 18.5

[1)] k_2 !

GFL□□-3M V□R


k
k 1
Δ k
k 6
a 7
x
m 1
ø s 6
k 7
□ k 2
ø g
ø a 1
d
l
i 1
o 1
VAR
VCR
ø b 1
ø d 1
f 1
o 3
c 6
o 4
a 4
o 2
n 2
g 1
a
a 8
p
p 1
s 1
ø e 1
o
d 2
l 1
l 2
u
t

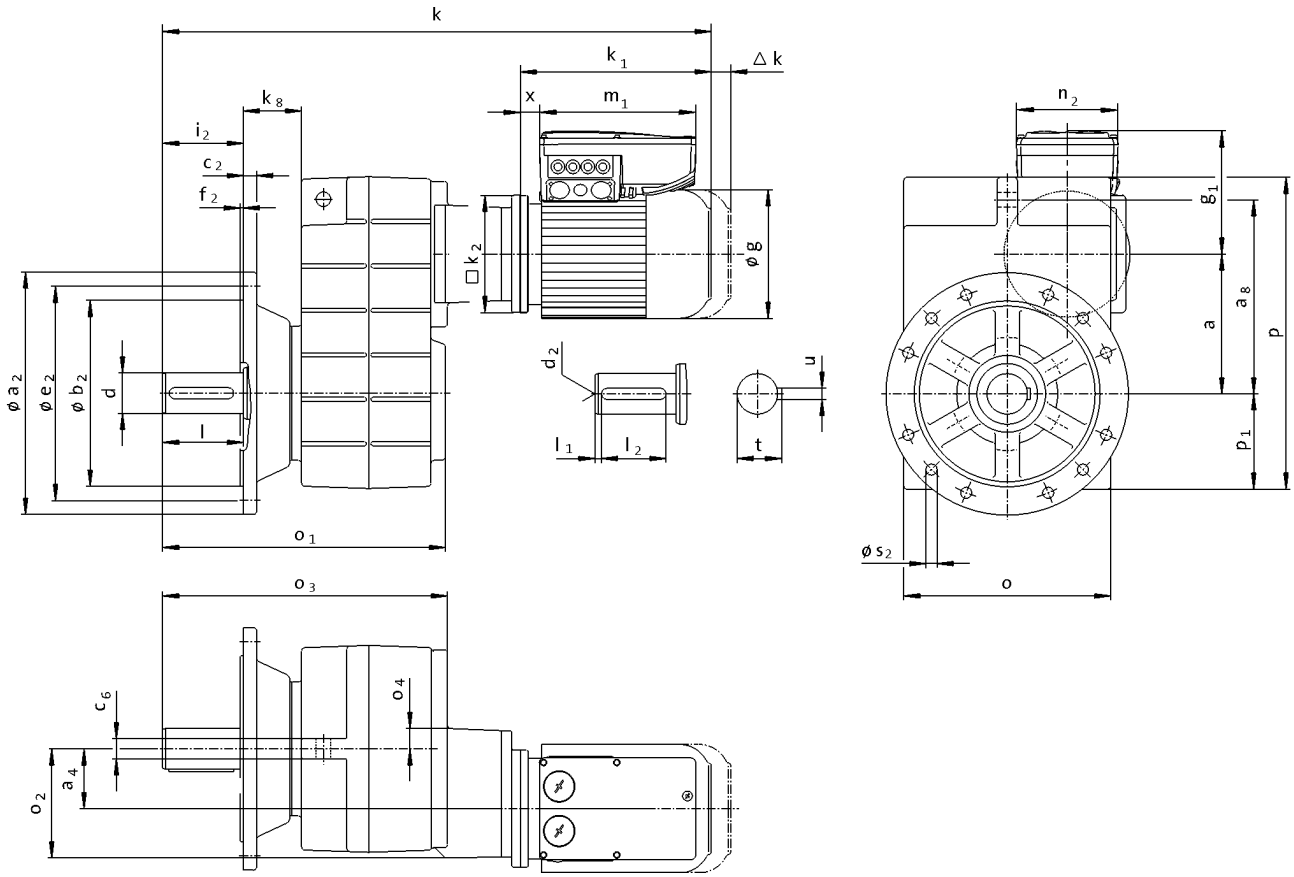
		080C32	090C12	090C32	100C12	100C32
g		156	176		194	
$g_{1, 50Hz}$		172	177		217	
$g_{1, 87Hz}$		172	205.5			
k_1	MHEMAXX	224.5	274		309	324
k_2		145	180			
x_{50Hz}		25.5	28.8		29.6	
x_{87Hz}		25.5	27.8			
$m_{1, 50Hz}$		241			260	
$m_{1, 87Hz}$		241	260			
$n_{2, 50Hz}$		161			176	
$n_{2, 87Hz}$		161	176			
Δ k	MHEMABR	73	68		76	
	MHFMAXX	128			109	
	MHFMABR	183	181		170	
		k				
GFL06		562	622			
GFL07		626	686		721	
GFL09		698	758		793	808
GFL11		798	858		893	908
GFL14			977		1012	1027

	a	a_4	a_7	a_8	c_6	k_6	k_7	$o^{1)}$	o_2	o_3	o_4	$p^{1)}$	p_1	s_6
GFL06	140	58	35	195	20	46	46	206	111	239.5	20.2	315	98	14
GFL07	173	74	44	240	25	56	56	256	135	299	24	386	118	18
GFL09	220	93.5	50	300	32	70	70	318	170	357.5	27	486	149	22
GFL11	276.5	120	65	375	40	84	90	395	216	444.5	33.5	600	181	26
GFL14	339	154	80	455	50	100	114	490	271	539.5	38	740	228	32

	d	d	d_1	d_2	l	l_1	l_2	u	t	o_1	a_1	b_1	e_1	f_1	s_1
	k6	m6										H7			
GFL06	40		65	M16	80	7	63	12	43	235.5	140	100	120	4	M10x16
GFL07	50		75	M16	100	8	80	14	53.5	295.5	165	115	140	5	M12x18
GFL09		60	95	M20	120	8	100	18	64	355.5	205	145	175	6	M16x24
GFL11		80	105	M20	160	15	125	22	85	444.5	240	140	205	6	M20x32
GFL14		100	135	M24	200	18	160	28	106	543.5	290	170	250	6	M24x35

[1)] k_2 !

GFL□□-3M VCK


k
k 1
Δ k
k 8
x
m 1
i 2
c 2
f 2
□ k 2
ø g
ø a 2
ø e 2
ø b 2
d
l
o 1
d 2
l 1
l 2
u
t
n 2
g 1
a
a 8
p
p 1
ø s 2
o
o 3
c 6
o 4
o 2
a 4

		080C32	090C12	090C32	100C12	100C32
g		156	176		194	
$g_{1, 50Hz}$		172	177		217	
$g_{1, 87Hz}$		172	205.5			
k_1	MHEMAXX	224.5	274		309	324
k_2		145	180			
x_{50Hz}		25.5	28.8		29.6	
x_{87Hz}		25.5	27.8			
$m_{1, 50Hz}$		241			260	
$m_{1, 87Hz}$		241	260			
$n_{2, 50Hz}$		161			176	
$n_{2, 87Hz}$		161	176			
Δ k	MHEMABR	73	68		76	
	MHFMAXX	128			109	
	MHFMABR	183	181		170	
		k				
GFL06		603	663			
GFL07		681	741		776	
GFL09		758	818		853	868
GFL11		858	918		953	968
GFL14			1037		1072	1087

	a	a_4	k_8	$o^{1)}$	o_2	o_3	o_4	$p^{1)}$	p_1
GFL06	140	58	55.5	206	111	280.5	20.2	315	98
GFL07	173	74	72.5	256	135	354	24	386	118
GFL09	220	93.5	77.5	318	170	417.5	27	486	149
GFL11	276.5	120	85.5	395	216	504.5	33.5	600	181
GFL14	339	154	89.5	490	271	599.5	38	740	228

	d	d	d_1	d_2	l	l_1	l_2	u	t	i_2	o_1	a_2	b_2	c_2	e_2	f_2	s_2
	k6	m6											j7				
GFL06	40		65	M16	80	7	63	12	43	80	276.5	250	180	15	215	4	4 x 14
GFL07	50		75	M16	100	8	80	14	53.5	100	350.5	250 300	180 230	15 17	215 265	4 4	4 x 14 4 x 14
GFL09		60	95	M20	120	8	100	18	64	120	415.5	350	250	18	300	4	4 x 17.5
GFL11		80	105	M20	160	15	125	22	85	160	504.5	400 450	300 350	20 22	350 400	5 5	4 x 17.5 8 x 17.5
GFL14		100	135	M24	200	18	160	28	106	200	603.5	450	350	22	400	5	8 x 18.5

[1)] k_2 !

GFL□□-2M HAR / HBR

			063C32	063C42	071C32
GFL04	m	[kg]	12		13
GFL05	m	[kg]		25	27
GFL06	m	[kg]		41	42

			071C42	080C32 080C42	090C32	100C12 100C32
GFL04	m	[kg]	14	19		
GFL05	m	[kg]	28	32	37	46
GFL06	m	[kg]	43	47	53	62
GFL07	m	[kg]		75	80	89
GFL09	m	[kg]			129	138
GFL11	m	[kg]				231

GFL□□-2M HCR / HDR

			063C32	063C42	071C32
GFL04	m	[kg]	11		12
GFL05	m	[kg]		24	26
GFL06	m	[kg]		38	39

			071C42	080C32 080C42	090C32	100C12 100C32
GFL04	m	[kg]	13	18		
GFL05	m	[kg]	26	31	36	45
GFL06	m	[kg]	40	45	50	59
GFL07	m	[kg]		71	76	85
GFL09	m	[kg]			122	131
GFL11	m	[kg]				217

► Weights with oil filling for mounting position A, all values are approximate.
The weights relate to the basic version without 8400 motec
Note the additional weights (for 8400 motec and motor options).

GFL□□-2M HAK

			063C32	063C42	071C32
GFL04	m	[kg]	14		16
GFL05	m	[kg]		29	31
GFL06	m	[kg]		48	49

			071C42	080C32 080C42	090C32	100C12 100C32
GFL04	m	[kg]	16	22		
GFL05	m	[kg]	32	36	41	50
GFL06	m	[kg]	50	54	60	69
GFL07	m	[kg]		86	91	100
GFL09	m	[kg]			145	154
GFL11	m	[kg]				255

GFL□□-2M HCK

			063C32	063C42	071C32
GFL04	m	[kg]	13		15
GFL05	m	[kg]		28	30
GFL06	m	[kg]		45	46

			071C42	080C32 080C42	090C32	100C12 100C32
GFL04	m	[kg]	15	21		
GFL05	m	[kg]	30	35	40	49
GFL06	m	[kg]	47	52	57	66
GFL07	m	[kg]		82	87	96
GFL09	m	[kg]			138	147
GFL11	m	[kg]				241

► Weights with oil filling for mounting position A, all values are approximate.
The weights relate to the basic version without 8400 motec
Note the additional weights (for 8400 motec and motor options).

GFL□□-2M VAR / VBR

			063C32	063C42	071C32
GFL04	m	[kg]	12		14
GFL05	m	[kg]		26	28
GFL06	m	[kg]		43	44

			071C42	080C32 080C42	090C32	100C12 100C32
GFL04	m	[kg]	15	20	24	
GFL05	m	[kg]	29	33	38	47
GFL06	m	[kg]	45	50	55	64
GFL07	m	[kg]		80	85	94
GFL09	m	[kg]			137	146
GFL11	m	[kg]				247

GFL□□-2M VCR / VDR

			063C32	063C42	071C32
GFL04	m	[kg]	11		13
GFL05	m	[kg]		25	27
GFL06	m	[kg]		41	42

			071C42	080C32 080C42	090C32	100C12 100C32
GFL04	m	[kg]	14	19	23	
GFL05	m	[kg]	27	32	37	46
GFL06	m	[kg]	43	47	53	62
GFL07	m	[kg]		76	81	90
GFL09	m	[kg]			130	139
GFL11	m	[kg]				233

► Weights with oil filling for mounting position A, all values are approximate.
The weights relate to the basic version without 8400 motec
Note the additional weights (for 8400 motec and motor options).

GFL□□-2M VAK

			063C32	063C42	071C32
GFL04	m	[kg]	15		16
GFL05	m	[kg]		30	32
GFL06	m	[kg]		50	51

			071C42	080C32 080C42	090C32	100C12 100C32
GFL04	m	[kg]	17	22	27	
GFL05	m	[kg]	33	37	42	51
GFL06	m	[kg]	52	57	62	71
GFL07	m	[kg]		91	96	105
GFL09	m	[kg]			153	162
GFL11	m	[kg]				271

GFL□□-2M VCK

			063C32	063C42	071C32
GFL04	m	[kg]	14		15
GFL05	m	[kg]		29	31
GFL06	m	[kg]		48	49

			071C42	080C32 080C42	090C32	100C12 100C32
GFL04	m	[kg]	16	21	26	
GFL05	m	[kg]	31	36	41	50
GFL06	m	[kg]	50	54	60	69
GFL07	m	[kg]		87	92	101
GFL09	m	[kg]			146	155
GFL11	m	[kg]				257

► Weights with oil filling for mounting position A, all values are approximate.
The weights relate to the basic version without 8400 motec
Note the additional weights (for 8400 motec and motor options).

GFL□□-2M SAR / SBR

			063C32	063C42	071C32
GFL04	m	[kg]	12		14
GFL05	m	[kg]		26	28
GFL06	m	[kg]		42	43

			071C42	080C32 080C42	090C32	100C12 100C32
GFL04	m	[kg]	15	20	24	
GFL05	m	[kg]	29	33	38	47
GFL06	m	[kg]	44	48	54	63
GFL07	m	[kg]		76	81	90
GFL09	m	[kg]			132	141
GFL11	m	[kg]				236

GFL□□-2M SCR / SDR

			063C32	063C42	071C32
GFL04	m	[kg]	11		13
GFL05	m	[kg]		25	26
GFL06	m	[kg]		39	40

			071C42	080C32 080C42	090C32	100C12 100C32
GFL04	m	[kg]	14	19	23	
GFL05	m	[kg]	27	32	37	46
GFL06	m	[kg]	41	46	51	60
GFL07	m	[kg]		72	77	86
GFL09	m	[kg]			125	134
GFL11	m	[kg]				222

► Weights with oil filling for mounting position A, all values are approximate.
The weights relate to the basic version without 8400 motec
Note the additional weights (for 8400 motec and motor options).

GFL□□-2M SAK

			063C42	071C32	071C42	080C32 080C42	090C32	100C12 100C32
GFL05	m	[kg]	30	32	33	37	42	51
GFL06	m	[kg]	49	50	51	55	61	70
GFL07	m	[kg]				87	92	101
GFL09	m	[kg]					148	157
GFL11	m	[kg]						260

GFL□□-2M SCK

			063C42	071C32	071C42	080C32 080C42	090C32	100C12 100C32
GFL05	m	[kg]	29	30	31	36	41	50
GFL06	m	[kg]	46	47	48	53	58	67
GFL07	m	[kg]				83	88	97
GFL09	m	[kg]					141	150
GFL11	m	[kg]						246

- Weights with oil filling for mounting position A, all values are approximate.
  The weights relate to the basic version without 8400 motec
  Note the additional weights (for 8400 motec and motor options).

GFL□□-3M HAR / HBR

			063C32	063C42	071C32 071C42
GFL05	m	[kg]	26		28
GFL06	m	[kg]	44		46
GFL07	m	[kg]		76	78
GFL09	m	[kg]		130	132

			080C32 080C42	090C32	100C12	100C32
GFL06	m	[kg]	51			
GFL07	m	[kg]	83	88	97	
GFL09	m	[kg]	137	142	151	
GFL11	m	[kg]	237	242	251	
GFL14	m	[kg]		408	417	

GFL□□-3M HCR / HDR

			063C32	063C42	071C32	071C42
GFL05	m	[kg]	25		26	27
GFL06	m	[kg]	41	42	43	44
GFL07	m	[kg]		72	74	
GFL09	m	[kg]		123	125	

			080C32 080C42	090C32	100C12	100C32
GFL06	m	[kg]	49			
GFL07	m	[kg]	79	84	93	
GFL09	m	[kg]	130	135	144	
GFL11	m	[kg]	223	228	237	
GFL14	m	[kg]		385	394	

- Weights with oil filling for mounting position A, all values are approximate.
  The weights relate to the basic version without 8400 motec
  Note the additional weights (for 8400 motec and motor options).

GFL□□-3M HAK

			063C32	063C42	071C32 071C42
GFL05	m	[kg]	30		32
GFL06	m	[kg]	51		53
GFL07	m	[kg]		87	89
GFL09	m	[kg]		146	148

			080C32 080C42	090C32	100C12	100C32
GFL06	m	[kg]	58			
GFL07	m	[kg]	94	99	108	
GFL09	m	[kg]	153	158	167	
GFL11	m	[kg]	261	266	275	
GFL14	m	[kg]		441	450	

GFL□□-3M HCK

			063C32	063C42	071C32	071C42
GFL05	m	[kg]	29		30	31
GFL06	m	[kg]	48	49	50	51
GFL07	m	[kg]		83	85	
GFL09	m	[kg]		139	141	

			080C32 080C42	090C32	100C12	100C32
GFL06	m	[kg]	56			
GFL07	m	[kg]	90	95	104	
GFL09	m	[kg]	146	151	160	
GFL11	m	[kg]	247	252	261	
GFL14	m	[kg]		418	427	

- Weights with oil filling for mounting position A, all values are approximate.
  The weights relate to the basic version without 8400 motec
  Note the additional weights (for 8400 motec and motor options).

GFL□□-3M VAR / VBR

			063C32	063C42	071C32	071C42
GFL05	m	[kg]	27		29	
GFL06	m	[kg]	46	47	48	49
GFL07	m	[kg]		81	83	
GFL09	m	[kg]		138	140	

			080C32 080C42	090C32	100C12	100C32
GFL06	m	[kg]	54			
GFL07	m	[kg]	88	93	102	
GFL09	m	[kg]	145	150	159	
GFL11	m	[kg]	253	258	267	
GFL14	m	[kg]		441	450	

GFL□□-3M VCR / VDR

			063C32	063C42	071C32	071C42
GFL05	m	[kg]	26		27	28
GFL06	m	[kg]	44		46	
GFL07	m	[kg]		77	79	
GFL09	m	[kg]		131	133	

			080C32 080C42	090C32	100C12	100C32
GFL06	m	[kg]	51			
GFL07	m	[kg]	84	89	98	
GFL09	m	[kg]	138	143	152	
GFL11	m	[kg]	239	244	253	
GFL14	m	[kg]		418	427	

► Weights with oil filling for mounting position A, all values are approximate.
The weights relate to the basic version without 8400 motec
Note the additional weights (for 8400 motec and motor options).

GFL□□-3M VAK

			063C32	063C42	071C32	071C42
GFL05	m	[kg]	31		33	
GFL06	m	[kg]	53	54	55	56
GFL07	m	[kg]		92	94	
GFL09	m	[kg]		154	156	

			080C32 080C42	090C32	100C12	100C32
GFL06	m	[kg]	61			
GFL07	m	[kg]	99	104	113	
GFL09	m	[kg]	161	166	175	
GFL11	m	[kg]	277	282	291	
GFL14	m	[kg]		474	483	

GFL□□-3M VCK

			063C32	063C42	071C32	071C42
GFL05	m	[kg]	30		31	32
GFL06	m	[kg]	51		53	
GFL07	m	[kg]		88	90	
GFL09	m	[kg]		147	149	

			080C32 080C42	090C32	100C12	100C32
GFL06	m	[kg]	58			
GFL07	m	[kg]	95	100	109	
GFL09	m	[kg]	154	159	168	
GFL11	m	[kg]	263	268	277	
GFL14	m	[kg]		451	460	

► Weights with oil filling for mounting position A, all values are approximate.
The weights relate to the basic version without 8400 motec
Note the additional weights (for 8400 motec and motor options).

GFL□□-3M SAR / SBR

			063C32	063C42	071C32	071C42
GFL05	m	[kg]	27		29	
GFL06	m	[kg]	45		47	
GFL07	m	[kg]		77	79	80
GFL09	m	[kg]		133	135	

			080C32 080C42	090C32	100C12	100C32
GFL06	m	[kg]	52			
GFL07	m	[kg]	84	89	98	
GFL09	m	[kg]	140	145	154	
GFL11	m	[kg]	242	247	256	
GFL14	m	[kg]		419	428	

GFL□□-3M SCR / SDR

			063C32	063C42	071C32	071C42
GFL05	m	[kg]	25	26	27	28
GFL06	m	[kg]	42	43	44	45
GFL07	m	[kg]		73	75	76
GFL09	m	[kg]		126	128	

			080C32 080C42	090C32	100C12	100C32
GFL06	m	[kg]	50			
GFL07	m	[kg]	80	85	94	
GFL09	m	[kg]	133	138	147	
GFL11	m	[kg]	228	233	242	
GFL14	m	[kg]		396	405	

► Weights with oil filling for mounting position A, all values are approximate.
The weights relate to the basic version without 8400 motec
Note the additional weights (for 8400 motec and motor options).

GFL□□-3M SAK

			063C32	063C42	071C32	071C42
GFL05	m	[kg]	31		33	
GFL06	m	[kg]	52		54	
GFL07	m	[kg]		88	90	91
GFL09	m	[kg]		149	151	

			080C32 080C42	090C32	100C12	100C32
GFL06	m	[kg]	59			
GFL07	m	[kg]	95	100	109	
GFL09	m	[kg]	156	161	170	
GFL11	m	[kg]	266	271	280	
GFL14	m	[kg]		452	461	

GFL□□-3M SCK

			063C32	063C42	071C32	071C42
GFL05	m	[kg]	29	30	31	32
GFL06	m	[kg]	49	50	51	52
GFL07	m	[kg]		84	86	87
GFL09	m	[kg]		142	144	

			080C32 080C42	090C32	100C12	100C32
GFL06	m	[kg]	57			
GFL07	m	[kg]	91	96	105	
GFL09	m	[kg]	149	154	163	
GFL11	m	[kg]	252	257	266	
GFL14	m	[kg]		429	438	

► Weights with oil filling for mounting position A, all values are approximate.
The weights relate to the basic version without 8400 motec
Note the additional weights (for 8400 motec and motor options).

GFL□□-2M HAR / HBR

			063C32	063C42	071C32 071C42	080C32 080C42
GFL04	m	[kg]	12		14	19
GFL05	m	[kg]	25		28	32
GFL06	m	[kg]		41	43	47
GFL07	m	[kg]				75

GFL□□-2M HCR / HDR

			063C32	063C42	071C32 071C42	080C32 080C42
GFL04	m	[kg]	11		13	18
GFL05	m	[kg]	24		26	31
GFL06	m	[kg]		38	40	45
GFL07	m	[kg]				71

GFL□□-2M HAK

			063C32	063C42	071C32 071C42	080C32 080C42
GFL04	m	[kg]	14		16	22
GFL05	m	[kg]	29		32	36
GFL06	m	[kg]		48	50	54
GFL07	m	[kg]				86

GFL□□-2M HCK

			063C32	063C42	071C32 071C42	080C32 080C42
GFL04	m	[kg]	13		15	21
GFL05	m	[kg]	28		30	35
GFL06	m	[kg]		45	47	52
GFL07	m	[kg]				82

► Weights with oil filling for mounting position A, all values are approximate.
The weights relate to the basic version without 8400 motec
Note the additional weights (for 8400 motec and motor options).

GFL□□-2M VAR / VBR

			063C32	063C42	071C32 071C42	080C32 080C42
GFL04	m	[kg]	12		15	20
GFL05	m	[kg]	26		29	33
GFL06	m	[kg]		43	45	50
GFL07	m	[kg]				80

GFL□□-2M VCR / VDR

			063C32	063C42	071C32 071C42	080C32 080C42
GFL04	m	[kg]	11		14	19
GFL05	m	[kg]	25		27	32
GFL06	m	[kg]		41	43	47
GFL07	m	[kg]				76

GFL□□-2M VAK

			063C32	063C42	071C32 071C42	080C32 080C42
GFL04	m	[kg]	15		17	22
GFL05	m	[kg]	30		33	37
GFL06	m	[kg]		50	52	57
GFL07	m	[kg]				91

GFL□□-2M VCK

			063C32	063C42	071C32 071C42	080C32 080C42
GFL04	m	[kg]	14		16	21
GFL05	m	[kg]	29		31	36
GFL06	m	[kg]		48	50	54
GFL07	m	[kg]				87

- Weights with oil filling for mounting position A, all values are approximate.
  The weights relate to the basic version without 8400 motec
  Note the additional weights (for 8400 motec and motor options).

GFL□□-2M SAR / SBR

			063C32	063C42	071C32 071C42	080C32 080C42
GFL04	m	[kg]	12		15	20
GFL05	m	[kg]	26		29	33
GFL06	m	[kg]		42	44	48
GFL07	m	[kg]				76

GFL□□-2M SCR / SDR

			063C32	063C42	071C32 071C42	080C32 080C42
GFL04	m	[kg]	11		14	19
GFL05	m	[kg]	25		27	32
GFL06	m	[kg]		39	41	46
GFL07	m	[kg]				72

GFL□□-2M SAK

			063C32	063C42	071C32 071C42	080C32 080C42
GFL05	m	[kg]	30		33	37
GFL06	m	[kg]		49	51	55
GFL07	m	[kg]				87

GFL□□-2M SCK

			063C32	063C42	071C32 071C42	080C32 080C42
GFL05	m	[kg]	29		31	36
GFL06	m	[kg]		46	48	53
GFL07	m	[kg]				83

► Weights with oil filling for mounting position A, all values are approximate.
The weights relate to the basic version without 8400 motec
Note the additional weights (for 8400 motec and motor options).

GFL□□-3M HAR / HBR

			063C32	063C42	071C32	071C42	080C32 080C42
GFL05	m	[kg]	26		28		
GFL06	m	[kg]	44		46		51
GFL07	m	[kg]	76		78		83
GFL09	m	[kg]		130	132		137
GFL11	m	[kg]					237

GFL□□-3M HCR / HDR

			063C32	063C42	071C32	071C42	080C32 080C42
GFL05	m	[kg]	25		27		
GFL06	m	[kg]	42		44		49
GFL07	m	[kg]	72		74		79
GFL09	m	[kg]		123	125		130
GFL11	m	[kg]					223

GFL□□-3M HAK

			063C32	063C42	071C32	071C42	080C32 080C42
GFL05	m	[kg]	30		32		
GFL06	m	[kg]	51		53		58
GFL07	m	[kg]	87		89		94
GFL09	m	[kg]		146	148		153
GFL11	m	[kg]					261

GFL□□-3M HCK

			063C32	063C42	071C32	071C42	080C32 080C42
GFL05	m	[kg]	29		31		
GFL06	m	[kg]	49		51		56
GFL07	m	[kg]	83		85		90
GFL09	m	[kg]		139	141		146
GFL11	m	[kg]					247

► Weights with oil filling for mounting position A, all values are approximate.
The weights relate to the basic version without 8400 motec
Note the additional weights (for 8400 motec and motor options).

GFL□□-3M VAR / VBR

			063C32	063C42	071C32	071C42	080C32 080C42
GFL05	m	[kg]	27		29		
GFL06	m	[kg]	47		49		54
GFL07	m	[kg]	81		83		88
GFL09	m	[kg]		138	140		145
GFL11	m	[kg]					253

GFL□□-3M VCR / VDR

			063C32	063C42	071C32	071C42	080C32 080C42
GFL05	m	[kg]	26		28		
GFL06	m	[kg]	44		46		51
GFL07	m	[kg]	77		79		84
GFL09	m	[kg]		131	133		138
GFL11	m	[kg]					239

GFL□□-3M VAK

			063C32	063C42	071C32	071C42	080C32 080C42
GFL05	m	[kg]	31		33		
GFL06	m	[kg]	54		56		61
GFL07	m	[kg]	92		94		99
GFL09	m	[kg]		154	156		161
GFL11	m	[kg]					277

GFL□□-3M VCK

			063C32	063C42	071C32	071C42	080C32 080C42
GFL05	m	[kg]	30		32		
GFL06	m	[kg]	51		53		58
GFL07	m	[kg]	88		90		95
GFL09	m	[kg]		147	149		154
GFL11	m	[kg]					263

► Weights with oil filling for mounting position A, all values are approximate.
The weights relate to the basic version without 8400 motec
Note the additional weights (for 8400 motec and motor options).

GFL□□-3M SAR / SBR

			063C32	063C42	071C32	071C42	080C32 080C42
GFL05	m	[kg]	27		29		
GFL06	m	[kg]	45		47		52
GFL07	m	[kg]	77		80		84
GFL09	m	[kg]		133	135		140
GFL11	m	[kg]					242

GFL□□-3M SCR / SDR

			063C32	063C42	071C32	071C42	080C32 080C42
GFL05	m	[kg]	26		28		
GFL06	m	[kg]	43		45		50
GFL07	m	[kg]	73		76		80
GFL09	m	[kg]		126	128		133
GFL11	m	[kg]					228

GFL□□-3M SAK

			063C32	063C42	071C32	071C42	080C32 080C42
GFL05	m	[kg]	31		33		
GFL06	m	[kg]	52		54		59
GFL07	m	[kg]	88		91		95
GFL09	m	[kg]		149	151		156
GFL11	m	[kg]					266

GFL□□-3M SCK

			063C32	063C42	071C32	071C42	080C32 080C42
GFL05	m	[kg]	30		32		
GFL06	m	[kg]	50		52		57
GFL07	m	[kg]	84		87		91
GFL09	m	[kg]		142	144		149
GFL11	m	[kg]					252

► Weights with oil filling for mounting position A, all values are approximate.
The weights relate to the basic version without 8400 motec
Note the additional weights (for 8400 motec and motor options).

GFL□□-2M HAR / HBR

			080C32	090C12	090C32	100C12
GFL04	m	[kg]	19			
GFL05	m	[kg]	32	38	40	47
GFL06	m	[kg]	47	54	56	64
GFL07	m	[kg]	75	81	83	94
GFL09	m	[kg]		130	132	146
GFL11	m	[kg]				247

GFL□□-2M HCR / HDR

			080C32	090C12	090C32	100C12	100C32
GFL04	m	[kg]	18				
GFL05	m	[kg]	31	37	39	45	47
GFL06	m	[kg]	45	51	53	59	62
GFL07	m	[kg]	71	77	79	85	87
GFL09	m	[kg]		123	125	131	134
GFL11	m	[kg]				217	219

GFL□□-2M HAK

			080C32	090C12	090C32	100C12	100C32
GFL04	m	[kg]	22				
GFL05	m	[kg]	36	42	44	50	53
GFL06	m	[kg]	54	61	63	69	71
GFL07	m	[kg]	86	92	94	100	102
GFL09	m	[kg]		146	148	154	157
GFL11	m	[kg]				255	257

GFL□□-2M HCK

			080C32	090C12	090C32	100C12	100C32
GFL04	m	[kg]	21				
GFL05	m	[kg]	35	41	43	49	51
GFL06	m	[kg]	52	58	60	66	69
GFL07	m	[kg]	82	88	90	96	98
GFL09	m	[kg]		139	141	147	150
GFL11	m	[kg]				241	243

► Weights with oil filling for mounting position A, all values are approximate.
The weights relate to the basic version without 8400 motec
Note the additional weights (for 8400 motec and motor options).

GFL□□-2M VAR / VBR

			080C32	090C12	090C32	100C12	100C32
GFL04	m	[kg]	20	25	27		
GFL05	m	[kg]	33	39	41	47	50
GFL06	m	[kg]	50	56	58	64	67
GFL07	m	[kg]	80	86	88	94	96
GFL09	m	[kg]		138	140	146	149
GFL11	m	[kg]				247	249

GFL□□-2M VCR / VDR

			080C32	090C12	090C32	100C12	100C32
GFL04	m	[kg]	19	24	26		
GFL05	m	[kg]	32	38	40	46	48
GFL06	m	[kg]	47	54	56	62	64
GFL07	m	[kg]	76	82	84	90	92
GFL09	m	[kg]		131	133	139	142
GFL11	m	[kg]				233	235

GFL□□-2M VAK

			080C32	090C12	090C32	100C12	100C32
GFL04	m	[kg]	22	28	30		
GFL05	m	[kg]	37	43	45	51	54
GFL06	m	[kg]	57	63	65	71	74
GFL07	m	[kg]	91	97	99	105	107
GFL09	m	[kg]		154	156	162	165
GFL11	m	[kg]				271	273

GFL□□-2M VCK

			080C32	090C12	090C32	100C12	100C32
GFL04	m	[kg]	21	27	29		
GFL05	m	[kg]	36	42	44	50	52
GFL06	m	[kg]	54	61	63	69	71
GFL07	m	[kg]	87	93	95	101	103
GFL09	m	[kg]		147	149	155	158
GFL11	m	[kg]				257	259

► Weights with oil filling for mounting position A, all values are approximate.
The weights relate to the basic version without 8400 motec
Note the additional weights (for 8400 motec and motor options).

GFL□□-2M SAR / SBR

			080C32	090C12	090C32	100C12	100C32
GFL04	m	[kg]	22	28	30		
GFL05	m	[kg]	33	39	41	47	50
GFL06	m	[kg]	48	55	57	63	65
GFL07	m	[kg]	76	82	84	90	93
GFL09	m	[kg]		133	135	141	144
GFL11	m	[kg]				236	238

GFL□□-2M SCR / SDR

			080C32	090C12	090C32	100C12	100C32
GFL04	m	[kg]	19	24	26		
GFL05	m	[kg]	32	38	40	46	48
GFL06	m	[kg]	46	52	54	60	63
GFL07	m	[kg]	72	78	80	86	89
GFL09	m	[kg]		126	128	134	137
GFL11	m	[kg]				222	224

GFL□□-2M SAK

			080C32	090C12	090C32	100C12	100C32
GFL05	m	[kg]	37	43	45	51	54
GFL06	m	[kg]	55	62	64	70	72
GFL07	m	[kg]	87	93	95	101	104
GFL09	m	[kg]		149	151	157	160
GFL11	m	[kg]				260	262

GFL□□-2M SCK

			080C32	090C12	090C32	100C12	100C32
GFL05	m	[kg]	36	42	44	50	52
GFL06	m	[kg]	53	59	61	67	70
GFL07	m	[kg]	83	89	91	97	100
GFL09	m	[kg]		142	144	150	153
GFL11	m	[kg]				246	248

► Weights with oil filling for mounting position A, all values are approximate.
The weights relate to the basic version without 8400 motec
Note the additional weights (for 8400 motec and motor options).

GFL□□-3M HAR / HBR

			080C32	090C12	090C32	100C12	100C32
GFL06	m	[kg]	51	57			
GFL07	m	[kg]	83	89	91	97	
GFL09	m	[kg]	137	143	145	151	154
GFL11	m	[kg]	237	243	245	251	254
GFL14	m	[kg]		409	411	417	419

GFL□□-3M HCR / HDR

			080C32	090C12	090C32	100C12	100C32
GFL06	m	[kg]	49	54			
GFL07	m	[kg]	79	85	87	93	
GFL09	m	[kg]	130	136	138	144	147
GFL11	m	[kg]	223	229	231	237	240
GFL14	m	[kg]		386	388	394	396

GFL□□-3M HAK

			080C32	090C12	090C32	100C12	100C32
GFL06	m	[kg]	58	64			
GFL07	m	[kg]	94	100	102	108	
GFL09	m	[kg]	153	159	161	167	170
GFL11	m	[kg]	261	267	269	275	278
GFL14	m	[kg]		442	444	450	452

GFL□□-3M HCK

			080C32	090C12	090C32	100C12	100C32
GFL06	m	[kg]	56	61			
GFL07	m	[kg]	90	96	98	104	
GFL09	m	[kg]	146	152	154	160	163
GFL11	m	[kg]	247	253	255	261	264
GFL14	m	[kg]		419	421	427	429

► Weights with oil filling for mounting position A, all values are approximate.
The weights relate to the basic version without 8400 motec
Note the additional weights (for 8400 motec and motor options).

GFL□□-3M VAR / VBR

			080C32	090C12	090C32	100C12	100C32
GFL06	m	[kg]	54	59			
GFL07	m	[kg]	88	94	96	102	
GFL09	m	[kg]	145	151	153	159	162
GFL11	m	[kg]	253	259	261	267	270
GFL14	m	[kg]		442	444	450	452

GFL□□-3M VCR / VDR

			080C32	090C12	090C32	100C12	100C32
GFL06	m	[kg]	51	57			
GFL07	m	[kg]	84	90	92	98	
GFL09	m	[kg]	138	144	146	152	155
GFL11	m	[kg]	239	245	247	253	256
GFL14	m	[kg]		419	421	427	429

GFL□□-3M VAK

			080C32	090C12	090C32	100C12	100C32
GFL06	m	[kg]	61	66			
GFL07	m	[kg]	99	105	107	113	
GFL09	m	[kg]	161	167	169	175	178
GFL11	m	[kg]	277	283	285	291	294
GFL14	m	[kg]		475	477	483	485

GFL□□-3M VCK

			080C32	090C12	090C32	100C12	100C32
GFL06	m	[kg]	58	64			
GFL07	m	[kg]	95	101	103	109	
GFL09	m	[kg]	154	160	162	168	171
GFL11	m	[kg]	263	269	271	277	280
GFL14	m	[kg]		452	454	460	462

► Weights with oil filling for mounting position A, all values are approximate.
The weights relate to the basic version without 8400 motec
Note the additional weights (for 8400 motec and motor options).

GFL□□-3M SAR / SBR

			080C32	090C12	090C32	100C12	100C32
GFL06	m	[kg]	52	58			
GFL07	m	[kg]	84	90	92	98	
GFL09	m	[kg]	140	146	148	154	157
GFL11	m	[kg]	242	248	250	256	259
GFL14	m	[kg]		420	422	428	430

GFL□□-3M SCR / SDR

			080C32	090C12	090C32	100C12	100C32
GFL06	m	[kg]	50	55			
GFL07	m	[kg]	80	86	88	94	
GFL09	m	[kg]	133	139	141	147	150
GFL11	m	[kg]	228	234	236	242	245
GFL14	m	[kg]		397	399	405	407

GFL□□-3M SAK

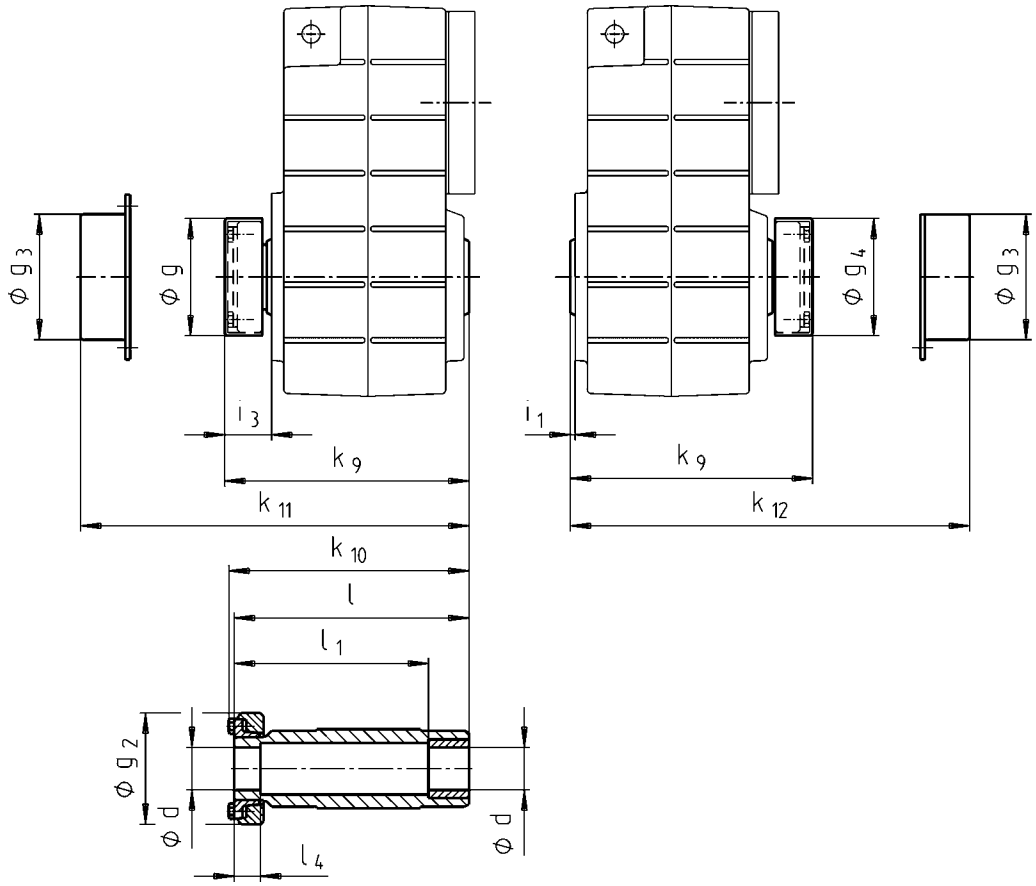
			080C32	090C12	090C32	100C12	100C32
GFL06	m	[kg]	59	65			
GFL07	m	[kg]	95	101	103	109	
GFL09	m	[kg]	156	162	164	170	173
GFL11	m	[kg]	266	272	274	280	283
GFL14	m	[kg]		453	455	461	463

GFL□□-3M SCK

			080C32	090C12	090C32	100C12	100C32
GFL06	m	[kg]	57	62			
GFL07	m	[kg]	91	97	99	105	
GFL09	m	[kg]	149	155	157	163	166
GFL11	m	[kg]	252	258	260	266	269
GFL14	m	[kg]		430	432	438	440

► Weights with oil filling for mounting position A, all values are approximate.
The weights relate to the basic version without 8400 motec
Note the additional weights (for 8400 motec and motor options).

Hollow shaft with shrink disc



	d[1]	g_2	g_3	g_4	i_1	k_9	k_{10}	k_{11}	k_{12}	l	l_1	l_4
	h6											
GFL04	25 30	72	79	76	2.5	150	148	154	154	142	122	26
GFL04	25 30	72	79	76	2.5	150	148	154	154	142	122	26
GFL05	35	80	90	84	4.0	176	174	179	180	168	148	28
GFL06	40	90	100	94	5.0	202	200	204	205	194	164	30
GFL07	50	110	124	116	5.0	241	238	244	245	232	192	26
GFL09	65	141	159	147	5.0	288	285	287	288	278	228	30
GFL11	80	170	191	176	6.0	347	344	349	350	338	238	42
GFL14	100	215	253	221	7.0	418	415	421	422	407	307	55

[1] Machine shaft design.

- Output flange and hollow shaft with shrink disc (design S□K) is only possible with shrink disc in position 1.
- Not suitable for through machine shaft at motor end: GFL04-2□ S□□ 080C□□; d=30

- Ensure that the strength of the machine shaft material is adequate in shrink disc designs.
  When using typical steels (e.g. C45, 42CrMo4), the torques listed in the selection tables can be used without restriction. Please consult us if you wish to use material that is considerably weaker. Medium surface roughness Rz must not exceed 15 µm (turning is sufficient).

Combination options with shrink disc in position 1 (drive end)

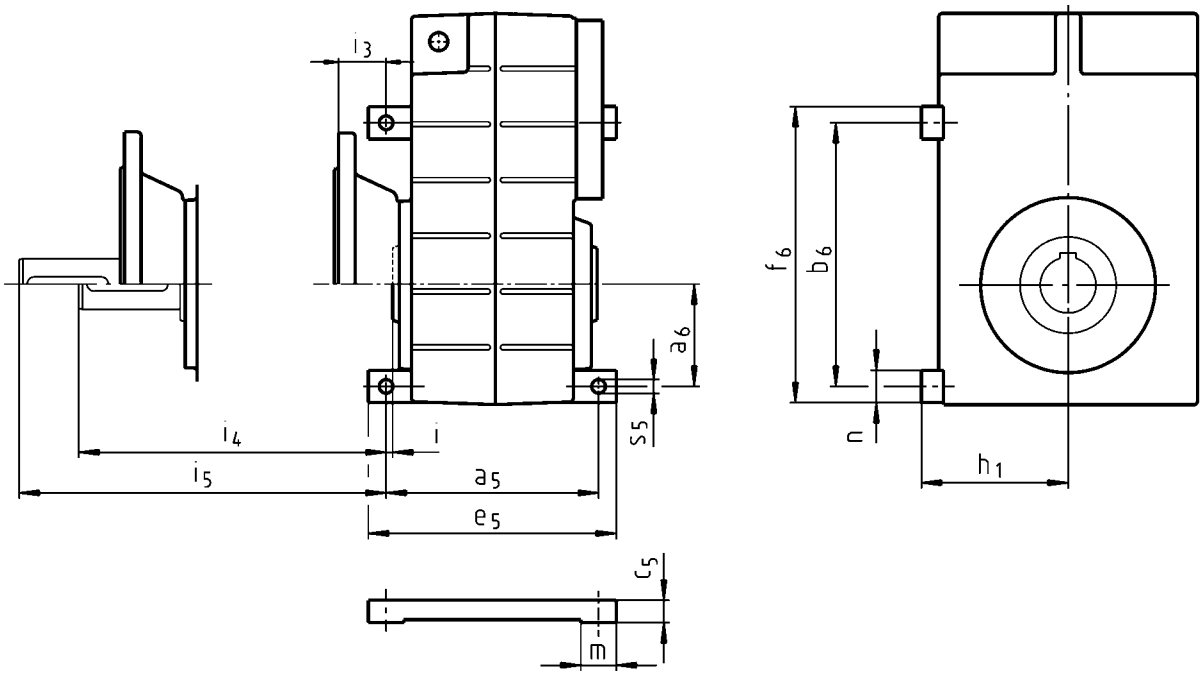
GFL□□-2M

Gearbox	Motor frame size
GFL04	
GFL05	063 [1)] 071 [1)]
GFL06	063 071 080 090 [1)] 100 [1)]
GFL07	080 090 100 112 [1)]
GFL09	090 100 112 132
GFL11	100 112 132 160 180 225
GFL14	112 132 160 180 225

[1)] Only possible without cover

- For geared motors GFL□□-2M/E S... with shrink disc position 1: terminal box position / motec position 4 not possible!

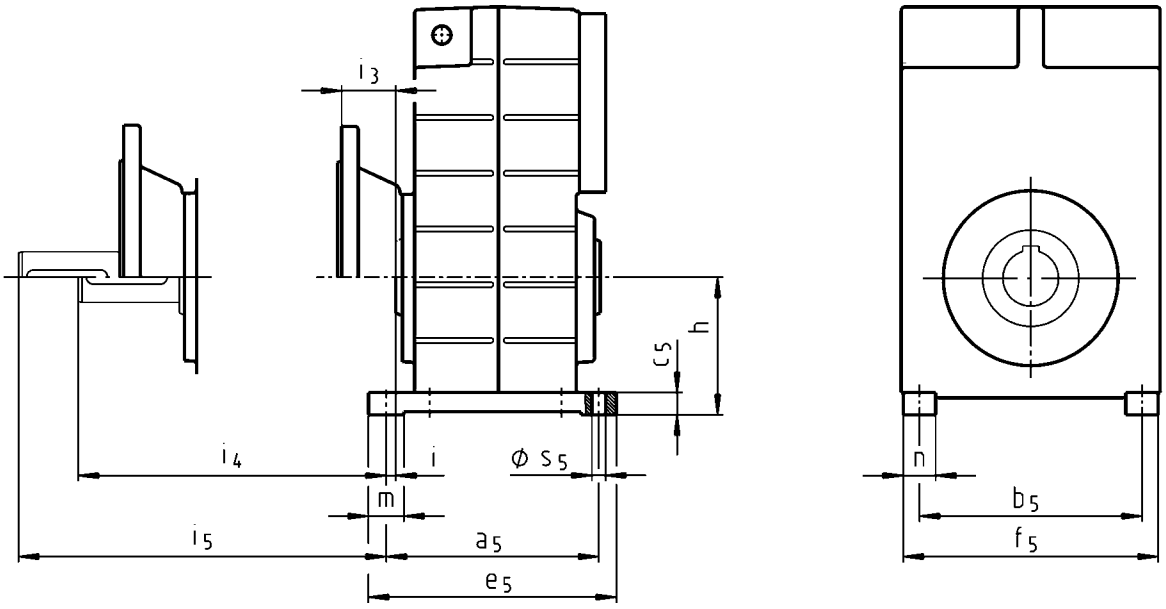
Foot mounting in position 3



	a_5	a_6	b_6	c_5	e_5	f_6	h_1	i	i_3	i_4	i_5	m	n	s_5
GFL04	130	47	115	18	152	140	90	4.5	28.5	45.5	78.5	22	25	6.6
GFL05	160	65	167	21	185	192	100	2.0	31.0	58.0	91.0	25		9.0
GFL06	175	80	205	27	205	233	125		39.0	78.0	119	30	28	11.0
GFL07	220	100	260	31	255	292	155	3.0	52.0	97.0	152	35	32	13.5
GFL09	260	125	335	36	300	375	190		57.0	117	177	40	40	17.5
GFL11	315	155	435	48	365	485	240			157	217	50	50	22.0
GFL14	375	200	540	57	430	600	295			197	257	55	60	26.0

The following versions are not possible with feet:
- GFL04: Motor size 090
- GFL05: Motor size 090

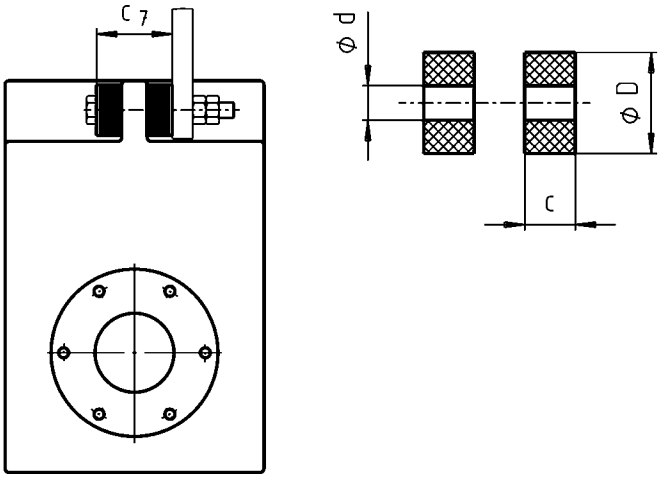
Foot mounting in position 4



	a_5	b_5	c_5	e_5	f_5	h	i	i_3	i_4	i_5	m	n	s_5
GFL04	130	108	18	152	133.0	85	4.5	28.5	45.5	78.5	22	25	6.6
GFL05	160	140	21	185	165.0	95	2.0	31.0	58.0	91.0	25		9.0
GFL06	175	175	27	205	203.0	120		39.0	78.0	119	30	28	11.0
GFL07	220	220	31	255	252.0	145	3.0	52.0	97.0	152	35	32	13.5
GFL09	260	275	36	300	315.0	180		57.0	117	177	40	40	17.5
GFL11	315	340	48	365	390.0	224			157	217	50	50	22.0
GFL14	375	425	57	430	485.0	278			197	257	55	60	26.0

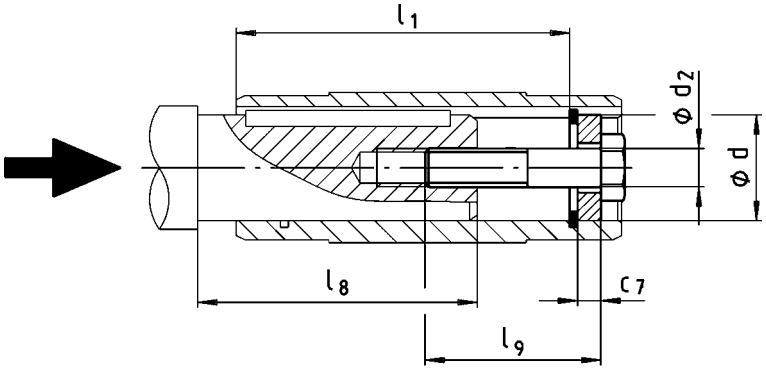
► In mounting positions E and F, the oil check bore hole/oil-sight glass are located between the feet in position 4!

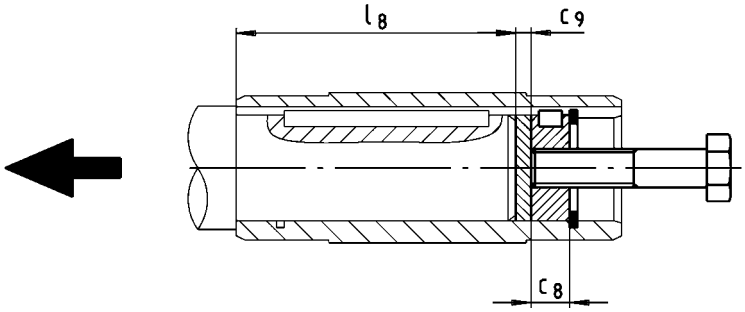
Rubber buffer for torque plate



	d	D	c	c_7
GFL04	11	30	14.5	43
GFL05	11	30	14.5	45
GFL06	13	40	15.0	50
GFL07	17	50	27.0	79
GFL09	21	60	28.0	88
GFL11	26	72	29.0	98
GFL14	33	92	30.0	110

Mounting set for hollow shaft circlip - Proposed design for auxiliary tools

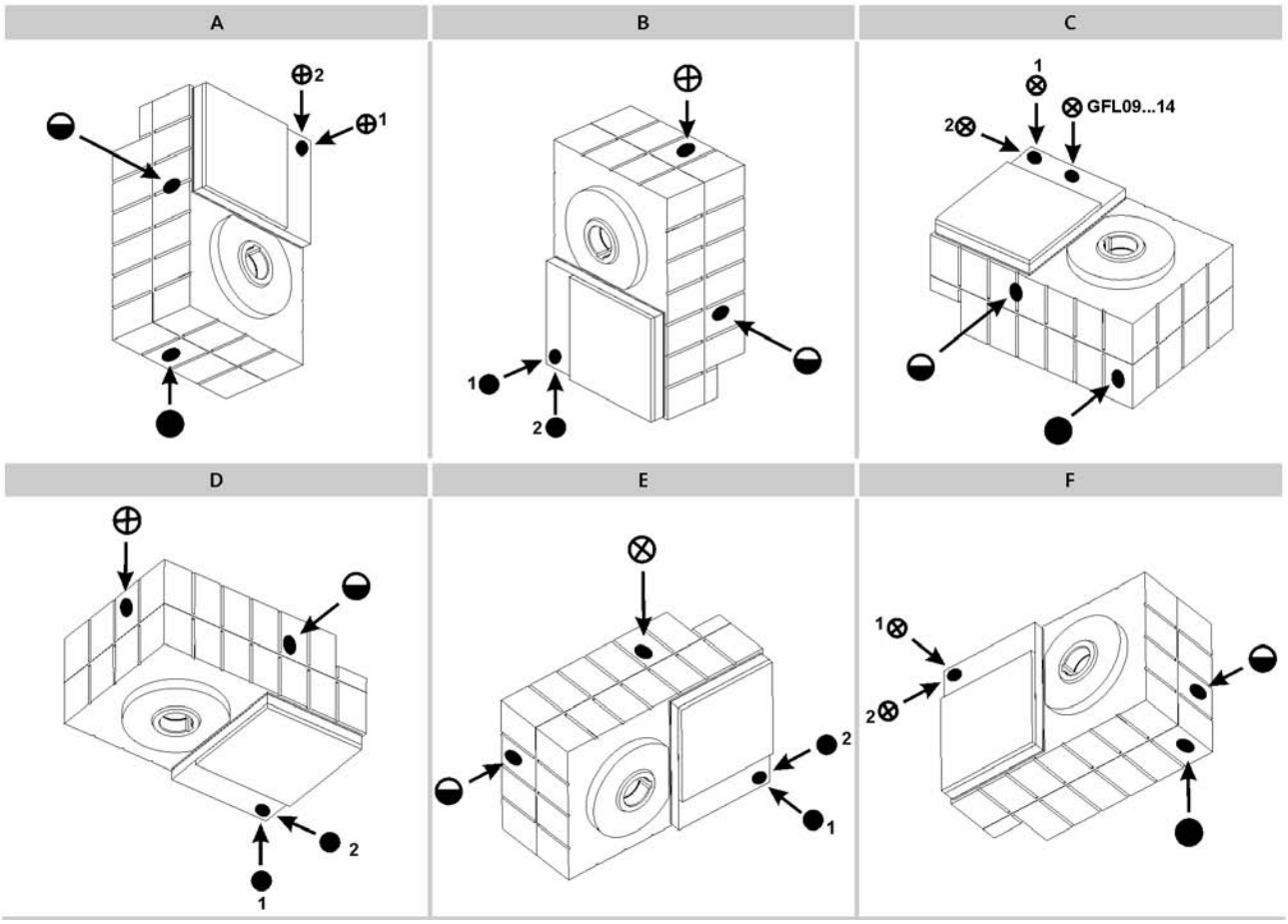




	d	l_1	d_2	l_9	c_7	c_8	c_9	$l_{8,\,max}$
	H7							
GFL04	25 30	100	M10	40	5	10	3	85
					6			
GFL05	30 35	124	M12	50	7	12		107
GFL06	40 45	140	M16	60	8	16	4	118
					9			
GFL07	50 55	175			10		5	148
			M20	80	11	20		
GFL09	60 70	210			13			182
					14			
GFL11	70 80	250			16		6	221
GFL14	100	305	M24	100	20	24	8	270

Position of ventilation, sealing elements and oil level check

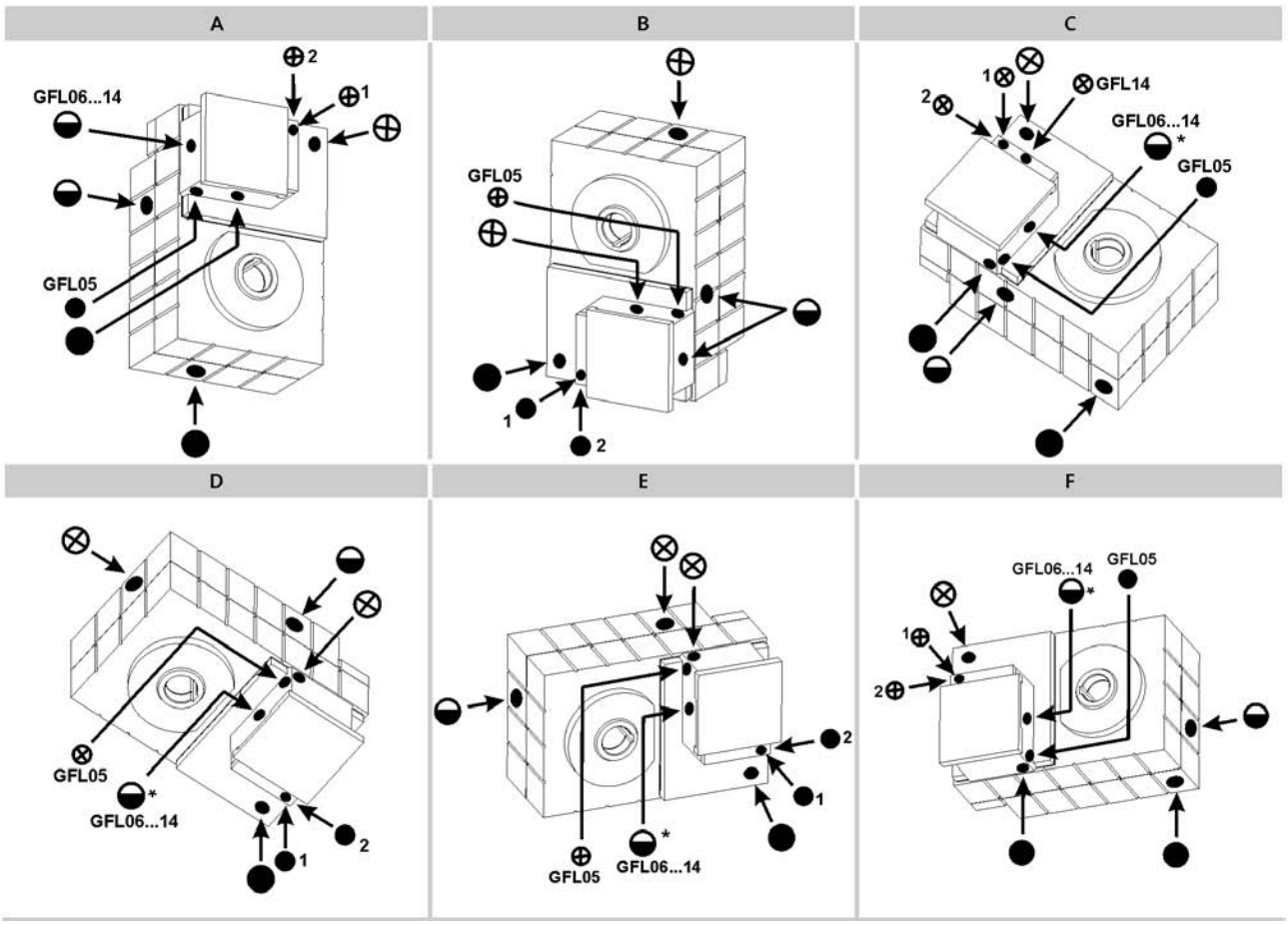
GFL05...14-2



A ... F Mounting position
⊗ Ventilation / Oil filler plug
● Oil drain plug
◒ Oil control plug
* On both sides
** On opposite side

Pos.1 standard
Pos.2 only with:
- GFL05-2□ □□□ 090C□□
- GFL05-2□ □□□ 100C□□

GFL05...14-3

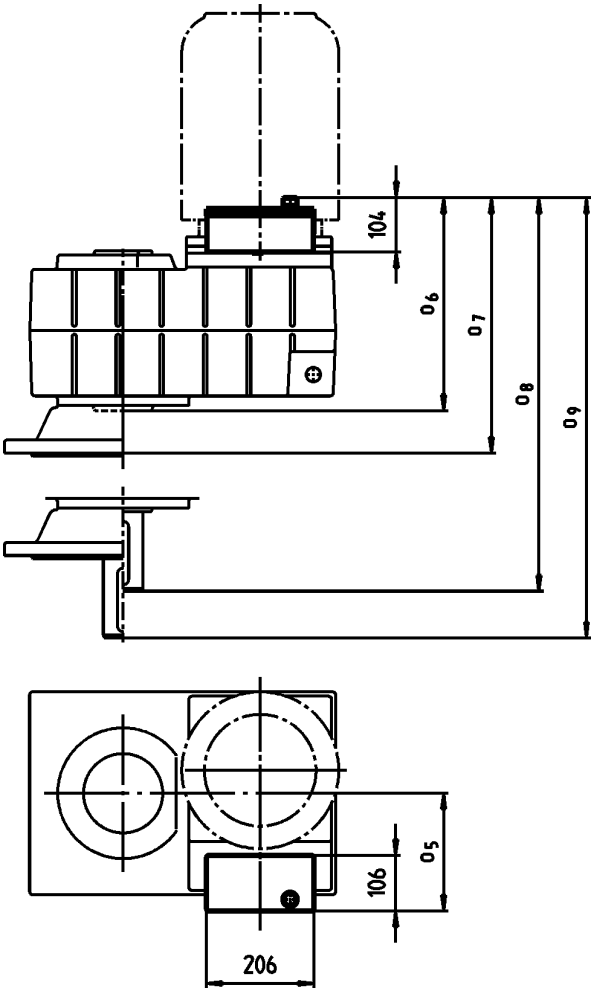


A ... F Mounting position
⊗ Ventilation / Oil filler plug
● Oil drain plug
◒ Oil control plug
* On both sides
** On opposite side

Pos.1 standard
Pos.2 only with:
- GFL07-3□ □□□ 090C□□
- GFL07-3□ □□□ 100C□□

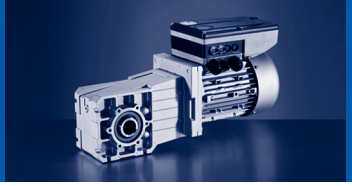
Compensation reservoir for mounting position C

GFL□□-2



Motor	090 100				
	o_5	o_6	o_7	o_8	o_9
	[mm]	[mm]	[mm]	[mm]	[mm]
GFL09	165	344	405	464	525
GFL11	154	387	448	547	608

- Terminal box position 3 not permitted.
- Foot in position 3 not permitted.

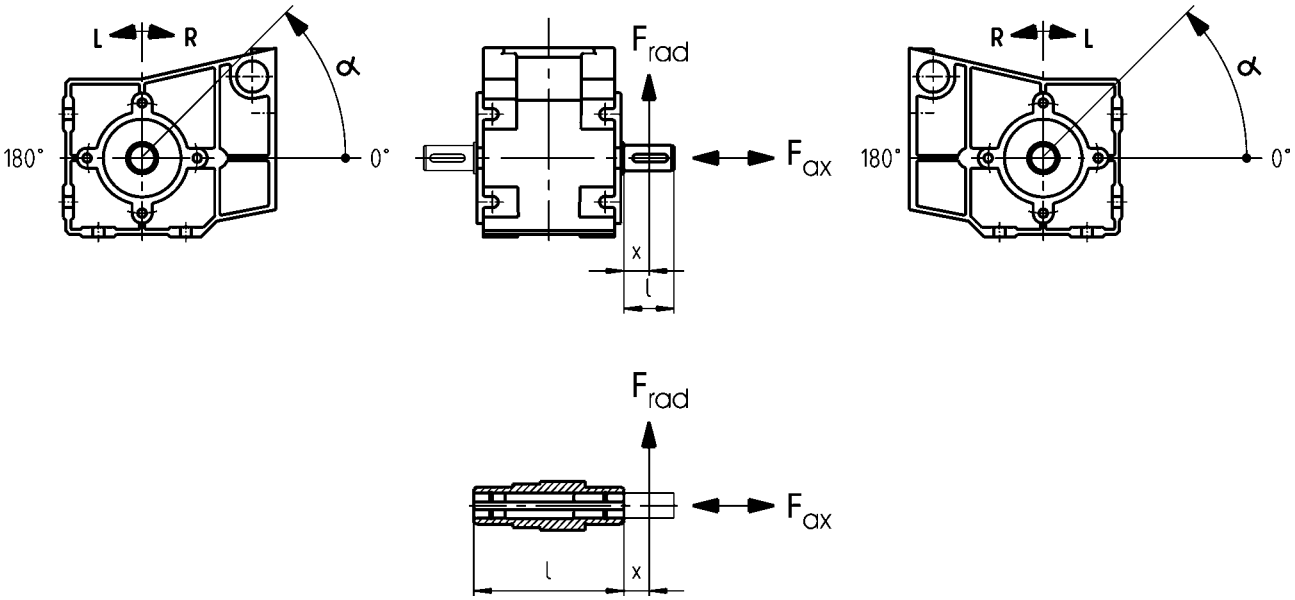


Permissible radial and axial forces at output

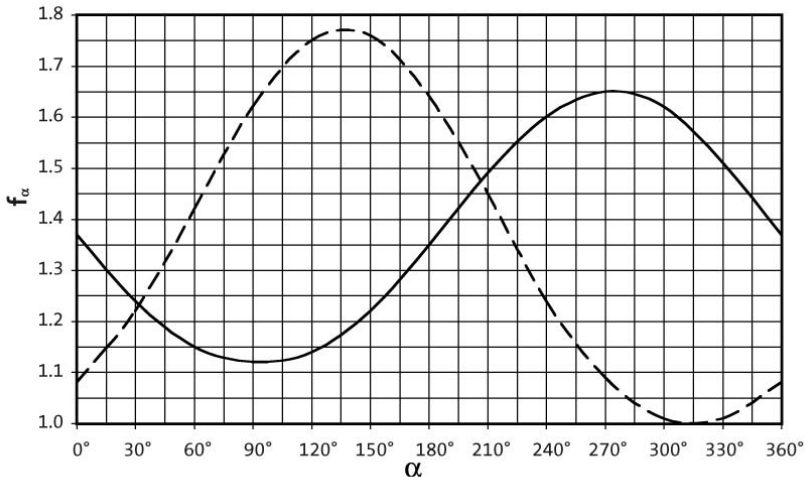
Permissible radial force
$F_{rad,per} = \min(f_w \times f_\alpha \times F_{rad,max}\ ;\ f_w \times F_{rad,max}$ at $n_2 \leq 16$ r/min)

Permissible axial force
$F_{ax,per} = F_{ax,max}$ if $F_{rad} = 0$

If F_{rad} **and** $F_{ax} \neq 0$; please contact Lenze.



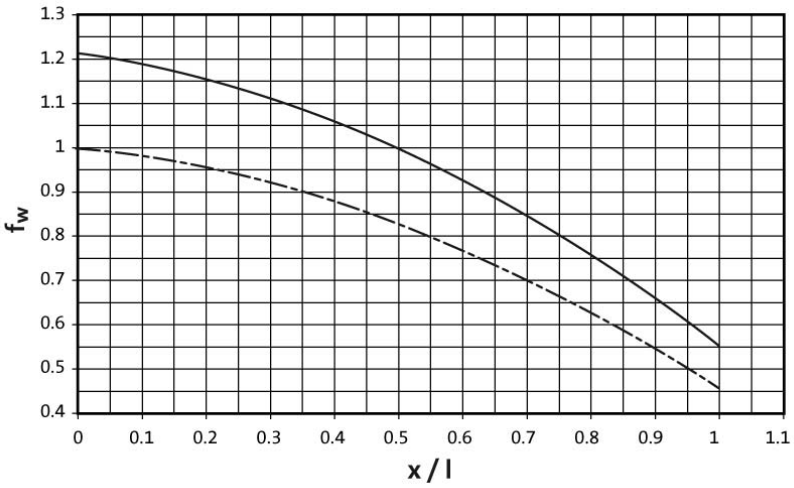
Effective direction factor f_α at output shaft



——— Direction of rotation L
— — — Direction of rotation R

5

Additional load factor f_w at output shaft

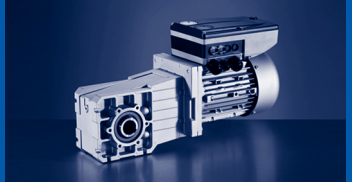


——— Solid shaft (V□□) — · — Hollow shaft (H□□)

GKR□□-2□ H□□

Size	n_2 [r/min]									
Gearbox	**1000**	**630**	**400**	**250**	**160**	**100**	**63**	**40**	**25**	**≤16**
	Max. radial force, Hollow shaft									
	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$
	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]
GKR03	900	1200	2200	2500	2800	3000	3000	3000	3000	3000
GKR04	1000	2200	2550	3000	3300	3600	3600	3600	3600	3600
GKR05	1500	2250	3800	4500	5100	6200	7400	7800	7800	7800
GKR06	3000	3800	5000	5200	5500	7000	9000	10000	10000	10000
	Max. axial force, Hollow shaft									
	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$
	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]
GKR03	600	800	1000	1100	1250	1400	1400	1400	1400	1400
GKR04	700	1000	1275	1500	1650	1800	1800	1800	1800	1800
GKR05	1100	1500	1900	2200	2500	3100	3700	3900	3900	3900
GKR06	1500	2000	2500	2600	2750	3500	4500	5000	5000	5000

- Application of force F_{rad}: at hollow shaft end face (x = 0)
- $F_{ax,max}$ only valid with F_{rad} = 0
- Neither radial nor axial forces are permissible for the hollow shaft with shrink disc (S□□).



GKR□□-2□ V□R

Size	n_2 [r/min]									
Gearbox	1000	630	400	250	160	100	63	40	25	≤16
	Max. radial force, Solid shaft without flange									
	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$
	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]
GKR03	900	1200	1800	2100	2400	2800	3000	3000	3000	3000
GKR04	1000	1800	2100	2500	2700	3000	3000	3000	3000	3000
GKR05	1500	2350	3000	3600	4500	5000	6000	6500	6500	6500
GKR06	2000	2800	4000	4200	4500	5600	7300	8600	9000	9000
	Max. axial force, Solid shaft without flange									
	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$
	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]
GKR03	600	800	1000	1100	1250	1400	1400	1400	1400	1400
GKR04	700	1000	1275	1500	1650	1800	1800	1800	1800	1800
GKR05	1100	1520	1900	2200	2500	3100	3700	3900	3900	3900
GKR06	1500	2000	2500	2600	2750	3500	4500	5000	5000	5000

GKR□□-2□ V□K

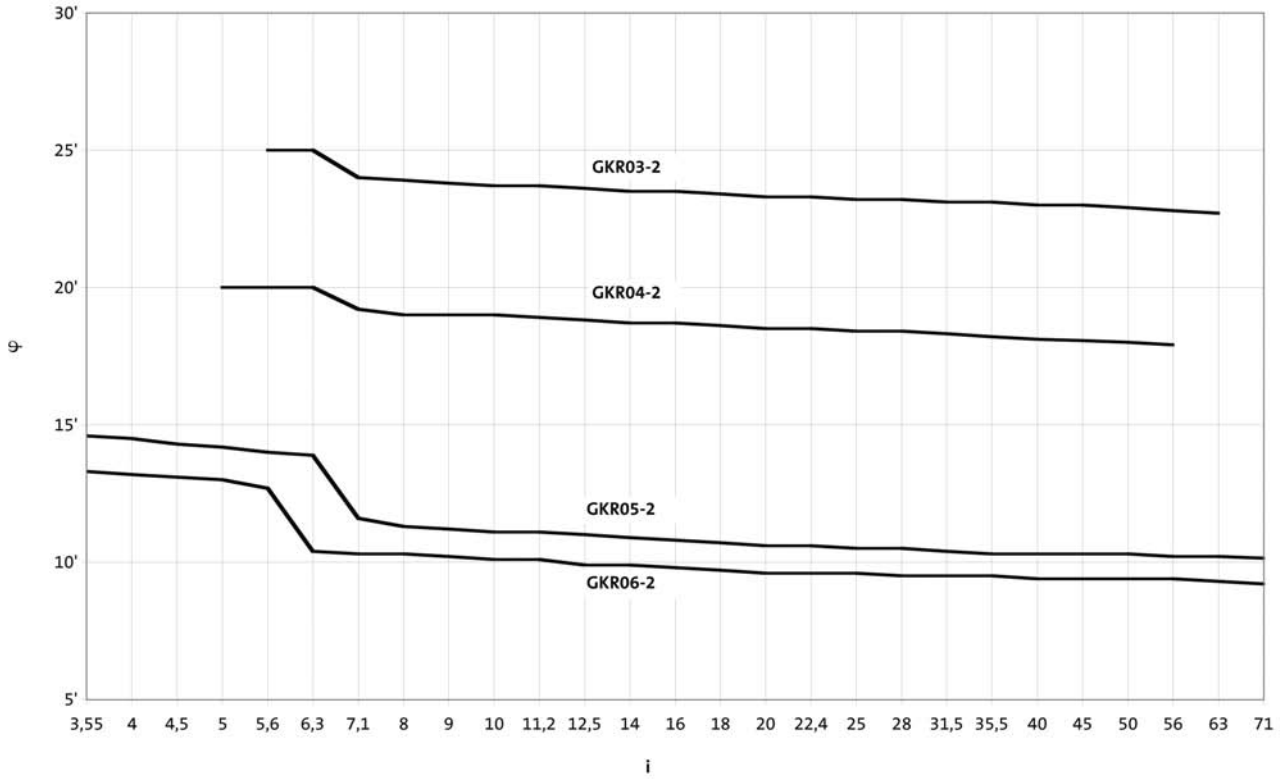
Size	n_2 [r/min]									
Gearbox	1000	630	400	250	160	100	63	40	25	≤16
	Max. radial force, Solid shaft with flange									
	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$
	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]
GKR03	900	1200	1800	2100	2400	2800	3000	3000	3000	3000
GKR04	1000	1800	2100	2500	2700	3000	3000	3000	3000	3000
GKR05	2400	3600	5200	6000	6500	6500	6500	6500	6500	6500
GKR06	3000	4000	5500	6200	7000	9000	9000	9000	9000	9000
	Max. axial force, Solid shaft with flange									
	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$
	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]
GKR03	600	800	1000	1100	1250	1400	1400	1400	1400	1400
GKR04	700	1000	1275	1500	1650	1800	1800	1800	1800	1800
GKR05	1100	1500	1900	2200	2500	3100	3700	3900	3900	3900
GKR06	1500	2000	2500	2600	2750	3500	4500	5000	5000	5000

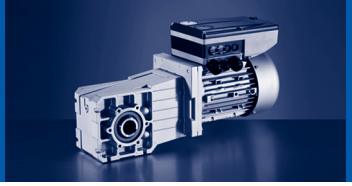
- Application of force F_{rad}: centre of shaft journal (x = l/2)
- $F_{ax,max}$ only valid with F_{rad} = 0

Output backlash in angular minutes

► Backlash φ depending on ratio i

GKR03...06-2





GKR□□-2

- Moment of inertia (J) depending on ratio i

Gearbox			GKR03
5.411	J	[kgcm²]	0.307
6.222	J	[kgcm²]	0.276
7.111	J	[kgcm²]	0.196
8.178	J	[kgcm²]	0.178
9.101	J	[kgcm²]	0.134
10.466	J	[kgcm²]	0.123
11.640	J	[kgcm²]	0.086
13.386	J	[kgcm²]	0.079
15.111	J	[kgcm²]	0.059
17.378	J	[kgcm²]	0.055
19.365	J	[kgcm²]	0.038
22.270	J	[kgcm²]	0.054
25.051	J	[kgcm²]	0.025
28.808	J	[kgcm²]	0.023
32.593	J	[kgcm²]	0.016
37.481	J	[kgcm²]	0.015
42.222	J	[kgcm²]	0.010
48.556	J	[kgcm²]	0.009
53.889	J	[kgcm²]	0.006
61.972	J	[kgcm²]	0.006

Gearbox			GKR04
5.185	J	[kgcm²]	0.813
5.963	J	[kgcm²]	0.723
7.111	J	[kgcm²]	0.446
8.178	J	[kgcm²]	0.410
9.101	J	[kgcm²]	3.270
10.466	J	[kgcm²]	0.300
11.449	J	[kgcm²]	0.260
12.698	J	[kgcm²]	1.990
14.603	J	[kgcm²]	0.181
15.556	J	[kgcm²]	1.470
17.889	J	[kgcm²]	0.135
19.556	J	[kgcm²]	0.096
22.489	J	[kgcm²]	0.090
25.185	J	[kgcm²]	0.065
28.963	J	[kgcm²]	0.060
31.919	J	[kgcm²]	0.042
36.707	J	[kgcm²]	0.040
40.000	J	[kgcm²]	0.029
46.000	J	[kgcm²]	0.027
52.698	J	[kgcm²]	0.017
60.603	J	[kgcm²]	0.017

Gearbox			GKR05
3.565	J	[kgcm²]	4.950
4.889	J	[kgcm²]	2.793
6.257	J	[kgcm²]	1.791
6.883	J	[kgcm²]	2.572
7.817	J	[kgcm²]	2.316
9.440	J	[kgcm²]	1.531
10.720	J	[kgcm²]	1.396
12.081	J	[kgcm²]	1.021
13.216	J	[kgcm²]	0.874
13.719	J	[kgcm²]	0.938
15.008	J	[kgcm²]	0.805
16.857	J	[kgcm²]	0.597
19.143	J	[kgcm²]	0.554
20.650	J	[kgcm²]	0.439
23.450	J	[kgcm²]	0.411
26.878	J	[kgcm²]	0.270
30.522	J	[kgcm²]	0.253
33.433	J	[kgcm²]	0.191
37.967	J	[kgcm²]	0.180
43.267	J	[kgcm²]	0.118
49.133	J	[kgcm²]	0.112
52.510	J	[kgcm²]	0.085
59.630	J	[kgcm²]	0.081
67.113	J	[kgcm²]	0.054
76.213	J	[kgcm²]	0.051

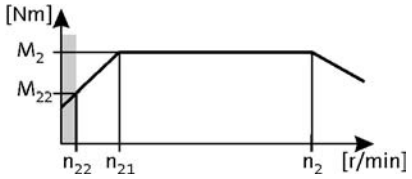
Gearbox			GKR06
3.431	J	[kgcm²]	9.576
4.706	J	[kgcm²]	5.607
6.022	J	[kgcm²]	3.658
6.481	J	[kgcm²]	5.112
7.146	J	[kgcm²]	4.539
8.889	J	[kgcm²]	3.233
9.800	J	[kgcm²]	2.929
11.376	J	[kgcm²]	2.209
12.444	J	[kgcm²]	1.890
13.720	J	[kgcm²]	1.734
15.873	J	[kgcm²]	1.321
17.500	J	[kgcm²]	1.225
19.444	J	[kgcm²]	0.991
21.438	J	[kgcm²]	0.928
25.309	J	[kgcm²]	0.632
27.903	J	[kgcm²]	0.594
31.481	J	[kgcm²]	0.457
34.708	J	[kgcm²]	0.432
40.741	J	[kgcm²]	0.284
44.917	J	[kgcm²]	0.270
49.444	J	[kgcm²]	0.207
54.513	J	[kgcm²]	0.197
62.500	J	[kgcm²]	0.134
68.906	J	[kgcm²]	0.127

- The moments of inertia relate to the drive shaft of the gearbox.
- The total moment of inertia is calculated by adding the values of gearbox, motor and accessories.

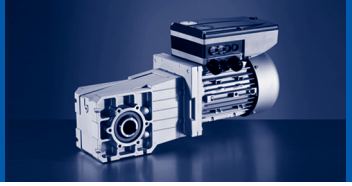
50 Hz: P_N = 0.37 kW

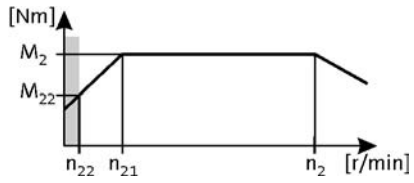
n_{22} / n_2 = 1 ... 10.0

n_1 = 141.0 ... 1410 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
27	116	-	272	9.5	12	4.0	5.185	GKR04-2M □□□071C32	E84DVB□3714S□1N2G	420
26	111	-	261	9.9	13	3.1	5.411	GKR03-2M □□□071C32	E84DVB□3714S□1N2G	420
24	101	-	237	11	14	4.0	5.963	GKR04-2M □□□071C32	E84DVB□3714S□1N2G	420
23	96	-	227	11	15	2.7	6.222	GKR03-2M □□□071C32	E84DVB□3714S□1N2G	420
20	84	-	198	13	17	2.5	7.111	GKR03-2M □□□071C32	E84DVB□3714S□1N2G	420
20	84	-	198	13	17	4.0	7.111	GKR04-2M □□□071C32	E84DVB□3714S□1N2G	420
17	73	-	172	15	20	2.3	8.178	GKR03-2M □□□071C32	E84DVB□3714S□1N2G	420
17	73	-	172	15	20	4.0	8.178	GKR04-2M □□□071C32	E84DVB□3714S□1N2G	420
16	66	-	155	17	22	2.1	9.101	GKR03-2M □□□071C32	E84DVB□3714S□1N2G	420
16	66	-	155	17	22	3.9	9.101	GKR04-2M □□□071C32	E84DVB□3714S□1N2G	420
14	57	-	135	19	25	1.8	10.466	GKR03-2M □□□071C32	E84DVB□3714S□1N2G	420
14	57	-	135	19	25	3.6	10.466	GKR04-2M □□□071C32	E84DVB□3714S□1N2G	420
12	52	-	123	21	27	3.3	11.449	GKR04-2M □□□071C32	E84DVB□3714S□1N2G	420
12	52	-	121	21	28	1.6	11.640	GKR03-2M □□□071C32	E84DVB□3714S□1N2G	420
11	47	-	111	23	30	3.0	12.698	GKR04-2M □□□071C32	E84DVB□3714S□1N2G	420
11	45	-	107	24	32	4.0	13.216	GKR05-2M □□□071C32	E84DVB□3714S□1N2G	420
11	45	-	105	25	32	1.4	13.386	GKR03-2M □□□071C32	E84DVB□3714S□1N2G	420
9.7	41	-	97	27	35	2.6	14.603	GKR04-2M □□□071C32	E84DVB□3714S□1N2G	420
9.4	40	-	94	28	36	4.0	15.008	GKR05-2M □□□071C32	E84DVB□3714S□1N2G	420
9.3	40	-	93	28	36	1.3	15.111	GKR03-2M □□□071C32	E84DVB□3714S□1N2G	420
9.1	39	-	91	29	37	2.4	15.556	GKR04-2M □□□071C32	E84DVB□3714S□1N2G	420
8.1	35	-	81	32	41	1.1	17.378	GKR03-2M □□□071C32	E84DVB□3714S□1N2G	420
7.9	34	-	79	33	43	2.1	17.889	GKR04-2M □□□071C32	E84DVB□3714S□1N2G	420
7.3	31	-	73	36	46	1.0	19.365	GKR03-2M □□□071C32	E84DVB□3714S□1N2G	420
7.2	31	-	72	36	47	1.9	19.556	GKR04-2M □□□071C32	E84DVB□3714S□1N2G	420
6.3	27	-	63	41	53	0.9	22.270	GKR03-2M □□□071C32	E84DVB□3714S□1N2G	420
6.3	27	-	63	41	54	1.7	22.489	GKR04-2M □□□071C32	E84DVB□3714S□1N2G	420
5.6	24	-	56	46	60	1.5	25.185	GKR04-2M □□□071C32	E84DVB□3714S□1N2G	420
4.9	21	-	49	53	69	1.3	28.963	GKR04-2M □□□071C32	E84DVB□3714S□1N2G	420
4.6	20	-	46	56	73	3.3	30.522	GKR05-2M □□□071C32	E84DVB□3714S□1N2G	420
4.4	19	-	44	59	76	1.2	31.919	GKR04-2M □□□071C32	E84DVB□3714S□1N2G	420
4.2	18	-	42	61	80	3.0	33.433	GKR05-2M □□□071C32	E84DVB□3714S□1N2G	420
3.8	16	-	38	67	87	1.0	36.707	GKR04-2M □□□071C32	E84DVB□3714S□1N2G	420
3.7	16	-	37	70	90	2.7	37.967	GKR05-2M □□□071C32	E84DVB□3714S□1N2G	420
3.5	15	-	35	73	95	1.0	40.000	GKR04-2M □□□071C32	E84DVB□3714S□1N2G	420
3.5	15	-	35	75	97	3.2	40.741	GKR06-2M □□□071C32	E84DVB□3714S□1N2G	420
3.3	14	-	33	79	103	2.3	43.267	GKR05-2M □□□071C32	E84DVB□3714S□1N2G	420
3.1	13	-	31	84	110	0.8	46.000	GKR04-2M □□□071C32	E84DVB□3714S□1N2G	420
3.1	13	-	31	82	107	3.2	44.917	GKR06-2M □□□071C32	E84DVB□3714S□1N2G	420
2.9	12	-	29	90	117	2.1	49.133	GKR05-2M □□□071C32	E84DVB□3714S□1N2G	420
2.9	12	-	29	91	118	2.8	49.444	GKR06-2M □□□071C32	E84DVB□3714S□1N2G	420





50 Hz: P_N = 0.37 kW

n_{22} / n_2 = 1 ... 10.0

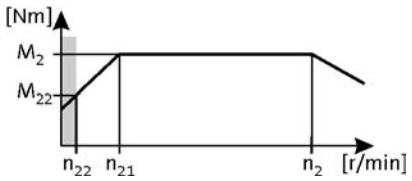
n_1 = 141.0 ... 1410 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
2.7	11	-	27	96	125	1.9	52.510	GKR05-2M □□□071C32	E84DVB□3714S□1N2G	420
2.4	10	-	24	109	142	1.7	59.630	GKR05-2M □□□071C32	E84DVB□3714S□1N2G	420
2.3	9.6	-	23	115	149	2.2	62.500	GKR06-2M □□□071C32	E84DVB□3714S□1N2G	420
2.1	8.7	-	21	126	164	2.2	68.906	GKR06-2M □□□071C32	E84DVB□3714S□1N2G	420

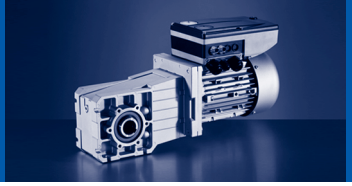
50 Hz: P_N = 0.55 kW

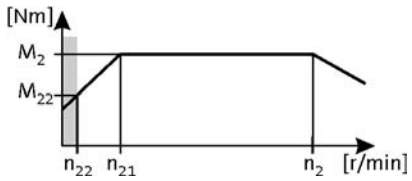
n_{22} / n_2 = 1 ... 10.0

n_1 = 140.5 ... 1405 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
27	116	-	271	14	18	3.7	5.185	GKR04-2M □□□071C42	E84DVB□5514S□1N2G	420
26	111	-	260	15	19	2.1	5.411	GKR03-2M □□□071C42	E84DVB□5514S□1N2G	420
24	101	-	236	16	21	3.4	5.963	GKR04-2M □□□071C42	E84DVB□5514S□1N2G	420
23	96	-	226	17	22	1.8	6.222	GKR03-2M □□□071C42	E84DVB□5514S□1N2G	420
23	96	-	225	17	22	4.5	6.257	GKR05-2M □□□071C42	E84DVB□5514S□1N2G	420
20	84	-	198	19	25	1.7	7.111	GKR03-2M □□□071C42	E84DVB□5514S□1N2G	420
20	84	-	198	19	25	3.1	7.111	GKR04-2M □□□071C42	E84DVB□5514S□1N2G	420
17	73	-	172	22	29	1.5	8.178	GKR03-2M □□□071C42	E84DVB□5514S□1N2G	420
17	73	-	172	22	29	2.8	8.178	GKR04-2M □□□071C42	E84DVB□5514S□1N2G	420
15	66	-	154	25	32	1.4	9.101	GKR03-2M □□□071C42	E84DVB□5514S□1N2G	420
15	66	-	154	25	32	2.6	9.101	GKR04-2M □□□071C42	E84DVB□5514S□1N2G	420
13	57	-	134	29	37	1.2	10.466	GKR03-2M □□□071C42	E84DVB□5514S□1N2G	420
13	57	-	134	29	37	2.4	10.466	GKR04-2M □□□071C42	E84DVB□5514S□1N2G	420
12	52	-	123	31	41	2.2	11.449	GKR04-2M □□□071C42	E84DVB□5514S□1N2G	420
12	52	-	121	32	41	1.1	11.640	GKR03-2M □□□071C42	E84DVB□5514S□1N2G	420
11	47	-	111	35	45	2.0	12.698	GKR04-2M □□□071C42	E84DVB□5514S□1N2G	420
11	45	-	106	36	47	4.5	13.216	GKR05-2M □□□071C42	E84DVB□5514S□1N2G	420
11	45	-	105	37	48	1.0	13.386	GKR03-2M □□□071C42	E84DVB□5514S□1N2G	420
9.6	41	-	96	40	52	1.7	14.603	GKR04-2M □□□071C42	E84DVB□5514S□1N2G	420
9.4	40	-	94	41	53	4.2	15.008	GKR05-2M □□□071C42	E84DVB□5514S□1N2G	420
9.3	40	-	93	41	54	0.8	15.111	GKR03-2M □□□071C42	E84DVB□5514S□1N2G	420
9.0	39	-	90	43	55	1.6	15.556	GKR04-2M □□□071C42	E84DVB□5514S□1N2G	420
7.9	34	-	79	49	64	1.4	17.889	GKR04-2M □□□071C42	E84DVB□5514S□1N2G	420
7.2	31	-	72	54	69	1.3	19.556	GKR04-2M □□□071C42	E84DVB□5514S□1N2G	420
6.3	27	-	63	62	80	1.1	22.489	GKR04-2M □□□071C42	E84DVB□5514S□1N2G	420
6.0	26	-	60	64	83	2.9	23.450	GKR05-2M □□□071C42	E84DVB□5514S□1N2G	420
5.6	24	-	56	69	89	1.0	25.185	GKR04-2M □□□071C42	E84DVB□5514S□1N2G	420
5.2	22	-	52	74	96	2.5	26.878	GKR05-2M □□□071C42	E84DVB□5514S□1N2G	420
4.9	21	-	49	79	103	0.9	28.963	GKR04-2M □□□071C42	E84DVB□5514S□1N2G	420
4.6	20	-	46	84	108	2.2	30.522	GKR05-2M □□□071C42	E84DVB□5514S□1N2G	420
4.5	19	-	45	86	112	3.2	31.481	GKR06-2M □□□071C42	E84DVB□5514S□1N2G	420
4.2	18	-	42	91	119	2.0	33.433	GKR05-2M □□□071C42	E84DVB□5514S□1N2G	420
4.1	17	-	41	95	123	3.2	34.708	GKR06-2M □□□071C42	E84DVB□5514S□1N2G	420
3.7	16	-	37	104	135	1.8	37.967	GKR05-2M □□□071C42	E84DVB□5514S□1N2G	420
3.5	15	-	35	111	145	2.9	40.741	GKR06-2M □□□071C42	E84DVB□5514S□1N2G	420
3.3	14	-	33	118	154	1.6	43.267	GKR05-2M □□□071C42	E84DVB□5514S□1N2G	420
3.1	13	-	31	123	160	2.8	44.917	GKR06-2M □□□071C42	E84DVB□5514S□1N2G	420
2.9	12	-	29	134	175	1.4	49.133	GKR05-2M □□□071C42	E84DVB□5514S□1N2G	420
2.8	12	-	28	135	176	2.4	49.444	GKR06-2M □□□071C42	E84DVB□5514S□1N2G	420
2.7	11	-	27	144	187	1.3	52.510	GKR05-2M □□□071C42	E84DVB□5514S□1N2G	420
2.4	10	-	24	163	212	1.1	59.630	GKR05-2M □□□071C42	E84DVB□5514S□1N2G	420





50 Hz: P_N = 0.55 kW

n_{22} / n_2 = 1 ... 10.0

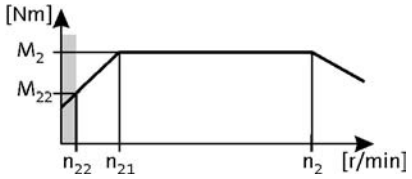
n_1 = 140.5 ... 1405 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
2.3	9.6	-	23	171	222	1.4	62.500	GKR06-2M □□□071C42	E84DVB□5514S□1N2G	420
2.0	8.7	-	20	188	245	1.4	68.906	GKR06-2M □□□071C42	E84DVB□5514S□1N2G	420

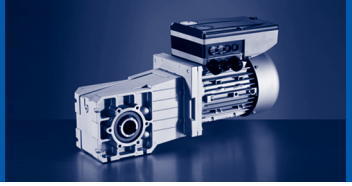
50 Hz: P_N = 0.75 kW

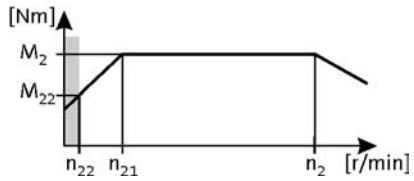
n_{22} / n_2 = 1 ... 10.0

n_1 = 141.0 ... 1410 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
27	116	-	272	19	25	2.8	5.185	GKR04-2M □□□080C32	E84DVB□7514S□1N2G	420
24	101	-	237	22	29	2.5	5.963	GKR04-2M □□□080C32	E84DVB□7514S□1N2G	420
23	96	-	225	23	30	4.1	6.257	GKR05-2M □□□080C32	E84DVB□7514S□1N2G	420
20	84	-	198	27	34	2.3	7.111	GKR04-2M □□□080C32	E84DVB□7514S□1N2G	420
17	73	-	172	31	40	2.1	8.178	GKR04-2M □□□080C32	E84DVB□7514S□1N2G	420
16	66	-	155	34	44	1.9	9.101	GKR04-2M □□□080C32	E84DVB□7514S□1N2G	420
14	57	-	135	39	51	1.8	10.466	GKR04-2M □□□080C32	E84DVB□7514S□1N2G	420
12	52	-	123	43	55	1.6	11.449	GKR04-2M □□□080C32	E84DVB□7514S□1N2G	420
11	47	-	111	47	61	1.5	12.698	GKR04-2M □□□080C32	E84DVB□7514S□1N2G	420
11	45	-	107	49	64	3.4	13.216	GKR05-2M □□□080C32	E84DVB□7514S□1N2G	420
9.7	41	-	97	55	71	1.3	14.603	GKR04-2M □□□080C32	E84DVB□7514S□1N2G	420
9.4	40	-	94	56	72	3.1	15.008	GKR05-2M □□□080C32	E84DVB□7514S□1N2G	420
9.1	39	-	91	58	75	1.2	15.556	GKR04-2M □□□080C32	E84DVB□7514S□1N2G	420
8.4	36	-	84	63	81	3.0	16.857	GKR05-2M □□□080C32	E84DVB□7514S□1N2G	420
7.9	34	-	79	67	86	1.0	17.889	GKR04-2M □□□080C32	E84DVB□7514S□1N2G	420
7.4	31	-	74	71	92	2.6	19.143	GKR05-2M □□□080C32	E84DVB□7514S□1N2G	420
7.2	31	-	72	73	94	1.0	19.556	GKR04-2M □□□080C32	E84DVB□7514S□1N2G	420
6.8	29	-	68	77	100	2.4	20.650	GKR05-2M □□□080C32	E84DVB□7514S□1N2G	420
6.3	27	-	63	84	109	0.8	22.489	GKR04-2M □□□080C32	E84DVB□7514S□1N2G	420
6.0	26	-	60	88	113	2.1	23.450	GKR05-2M □□□080C32	E84DVB□7514S□1N2G	420
5.3	22	-	53	100	130	1.9	26.878	GKR05-2M □□□080C32	E84DVB□7514S□1N2G	420
5.1	22	-	51	104	135	3.3	27.903	GKR06-2M □□□080C32	E84DVB□7514S□1N2G	420
4.6	20	-	46	114	147	1.6	30.522	GKR05-2M □□□080C32	E84DVB□7514S□1N2G	420
4.5	19	-	45	118	152	2.9	31.481	GKR06-2M □□□080C32	E84DVB□7514S□1N2G	420
4.2	18	-	42	125	161	1.5	33.433	GKR05-2M □□□080C32	E84DVB□7514S□1N2G	420
4.1	17	-	41	130	168	2.7	34.708	GKR06-2M □□□080C32	E84DVB□7514S□1N2G	420
3.7	16	-	37	142	183	1.3	37.967	GKR05-2M □□□080C32	E84DVB□7514S□1N2G	420
3.5	15	-	35	152	197	2.3	40.741	GKR06-2M □□□080C32	E84DVB□7514S□1N2G	420
3.3	14	-	33	161	209	1.2	43.267	GKR05-2M □□□080C32	E84DVB□7514S□1N2G	420
3.1	13	-	31	168	217	2.1	44.917	GKR06-2M □□□080C32	E84DVB□7514S□1N2G	420
2.9	12	-	29	183	237	1.0	49.133	GKR05-2M □□□080C32	E84DVB□7514S□1N2G	420
2.9	12	-	29	185	239	1.9	49.444	GKR06-2M □□□080C32	E84DVB□7514S□1N2G	420
2.7	11	-	27	196	253	1.0	52.510	GKR05-2M □□□080C32	E84DVB□7514S□1N2G	420
2.4	10	-	24	223	288	0.8	59.630	GKR05-2M □□□080C32	E84DVB□7514S□1N2G	420
2.3	9.6	-	23	233	302	1.3	62.500	GKR06-2M □□□080C32	E84DVB□7514S□1N2G	420
2.1	8.7	-	21	257	333	1.3	68.906	GKR06-2M □□□080C32	E84DVB□7514S□1N2G	420





50 Hz: P_N = 1.10 kW

n_{22} / n_2 = 1 ... 10.0

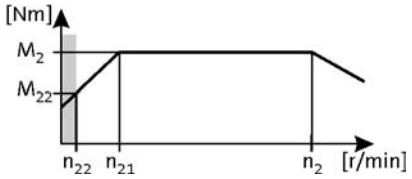
n_1 = 139.0 ... 1390 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
39	253	-	390	15	26	4.5	3.565	GKR05-2M □□□080C42	E84DVB□1124S□1N2G	420
27	174	-	268	22	37	1.9	5.185	GKR04-2M □□□080C42	E84DVB□1124S□1N2G	420
23	151	-	233	25	43	1.7	5.963	GKR04-2M □□□080C42	E84DVB□1124S□1N2G	420
22	144	-	222	26	45	3.5	6.257	GKR05-2M □□□080C42	E84DVB□1124S□1N2G	420
20	127	-	196	30	51	1.5	7.111	GKR04-2M □□□080C42	E84DVB□1124S□1N2G	420
17	110	-	170	34	59	1.4	8.178	GKR04-2M □□□080C42	E84DVB□1124S□1N2G	420
15	99	-	153	38	65	1.3	9.101	GKR04-2M □□□080C42	E84DVB□1124S□1N2G	420
15	95	-	147	39	68	2.8	9.440	GKR05-2M □□□080C42	E84DVB□1124S□1N2G	420
13	86	-	133	44	75	1.2	10.466	GKR04-2M □□□080C42	E84DVB□1124S□1N2G	420
13	84	-	130	45	77	2.6	10.720	GKR05-2M □□□080C42	E84DVB□1124S□1N2G	420
12	79	-	121	48	82	1.1	11.449	GKR04-2M □□□080C42	E84DVB□1124S□1N2G	420
12	75	-	115	50	87	2.4	12.081	GKR05-2M □□□080C42	E84DVB□1124S□1N2G	420
11	71	-	110	53	91	1.0	12.698	GKR04-2M □□□080C42	E84DVB□1124S□1N2G	420
11	68	-	105	55	95	2.3	13.216	GKR05-2M □□□080C42	E84DVB□1124S□1N2G	420
10	66	-	101	57	99	2.2	13.719	GKR05-2M □□□080C42	E84DVB□1124S□1N2G	420
9.5	62	-	95	61	105	0.9	14.603	GKR04-2M □□□080C42	E84DVB□1124S□1N2G	420
9.3	60	-	93	62	108	2.1	15.008	GKR05-2M □□□080C42	E84DVB□1124S□1N2G	420
8.9	58	-	89	65	112	0.8	15.556	GKR04-2M □□□080C42	E84DVB□1124S□1N2G	420
8.3	53	-	83	70	121	2.0	16.857	GKR05-2M □□□080C42	E84DVB□1124S□1N2G	420
7.3	47	-	73	80	137	1.8	19.143	GKR05-2M □□□080C42	E84DVB□1124S□1N2G	420
7.2	46	-	72	81	140	3.2	19.444	GKR06-2M □□□080C42	E84DVB□1124S□1N2G	420
6.7	44	-	67	86	148	1.6	20.650	GKR05-2M □□□080C42	E84DVB□1124S□1N2G	420
6.5	42	-	65	89	154	2.9	21.438	GKR06-2M □□□080C42	E84DVB□1124S□1N2G	420
5.9	38	-	59	97	168	1.4	23.450	GKR05-2M □□□080C42	E84DVB□1124S□1N2G	420
5.5	36	-	55	105	182	2.5	25.309	GKR06-2M □□□080C42	E84DVB□1124S□1N2G	420
5.2	34	-	52	112	193	1.2	26.878	GKR05-2M □□□080C42	E84DVB□1124S□1N2G	420
5.0	32	-	50	116	200	2.3	27.903	GKR06-2M □□□080C42	E84DVB□1124S□1N2G	420
4.6	30	-	46	127	219	1.1	30.522	GKR05-2M □□□080C42	E84DVB□1124S□1N2G	420
4.4	29	-	44	131	226	2.0	31.481	GKR06-2M □□□080C42	E84DVB□1124S□1N2G	420
4.2	27	-	42	139	240	1.0	33.433	GKR05-2M □□□080C42	E84DVB□1124S□1N2G	420
4.0	26	-	40	144	249	1.8	34.708	GKR06-2M □□□080C42	E84DVB□1124S□1N2G	420
3.7	24	-	37	158	273	0.9	37.967	GKR05-2M □□□080C42	E84DVB□1124S□1N2G	420
3.4	22	-	34	169	293	1.5	40.741	GKR06-2M □□□080C42	E84DVB□1124S□1N2G	420
3.1	20	-	31	187	323	1.4	44.917	GKR06-2M □□□080C42	E84DVB□1124S□1N2G	420
2.8	18	-	28	205	355	1.3	49.444	GKR06-2M □□□080C42	E84DVB□1124S□1N2G	420

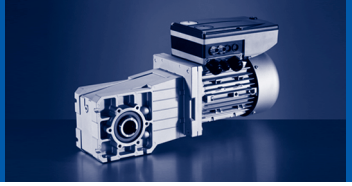
50 Hz: P_N = 1.50 kW

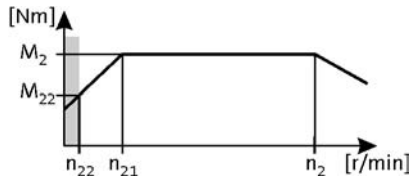
n_{22} / n_2 = 1 ... 10.0

n_1 = 141.0 ... 1410 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
39	168	-	391	24	35	4.0	3.565	GKR05-2M □□□090C32	E84DVB□1524S□1N2G	420
29	123	-	285	34	48	3.1	4.889	GKR05-2M □□□090C32	E84DVB□1524S□1N2G	420
27	116	-	269	36	51	1.4	5.185	GKR04-2M □□□090C32	E84DVB□1524S□1N2G	420
23	101	-	234	41	58	1.2	5.963	GKR04-2M □□□090C32	E84DVB□1524S□1N2G	420
22	96	-	223	43	61	2.6	6.257	GKR05-2M □□□090C32	E84DVB□1524S□1N2G	420
20	87	-	203	47	67	2.7	6.883	GKR05-2M □□□090C32	E84DVB□1524S□1N2G	420
20	84	-	196	49	69	1.1	7.111	GKR04-2M □□□090C32	E84DVB□1524S□1N2G	420
18	77	-	179	54	76	2.5	7.817	GKR05-2M □□□090C32	E84DVB□1524S□1N2G	420
17	73	-	171	56	80	1.0	8.178	GKR04-2M □□□090C32	E84DVB□1524S□1N2G	420
15	66	-	153	62	89	1.0	9.101	GKR04-2M □□□090C32	E84DVB□1524S□1N2G	420
15	64	-	148	65	92	2.1	9.440	GKR05-2M □□□090C32	E84DVB□1524S□1N2G	420
13	57	-	133	72	102	0.9	10.466	GKR04-2M □□□090C32	E84DVB□1524S□1N2G	420
13	56	-	130	73	105	2.0	10.720	GKR05-2M □□□090C32	E84DVB□1524S□1N2G	420
12	52	-	122	78	112	0.8	11.449	GKR04-2M □□□090C32	E84DVB□1524S□1N2G	420
12	50	-	116	83	118	1.8	12.081	GKR05-2M □□□090C32	E84DVB□1524S□1N2G	420
11	45	-	106	91	129	1.7	13.216	GKR05-2M □□□090C32	E84DVB□1524S□1N2G	420
10	44	-	102	94	134	1.6	13.719	GKR05-2M □□□090C32	E84DVB□1524S□1N2G	420
10	44	-	102	94	134	3.2	13.720	GKR06-2M □□□090C32	E84DVB□1524S□1N2G	420
9.3	40	-	93	103	146	1.5	15.008	GKR05-2M □□□090C32	E84DVB□1524S□1N2G	420
8.8	38	-	88	109	155	2.9	15.873	GKR06-2M □□□090C32	E84DVB□1524S□1N2G	420
8.3	36	-	83	116	164	1.5	16.857	GKR05-2M □□□090C32	E84DVB□1524S□1N2G	420
8.0	34	-	80	120	171	2.6	17.500	GKR06-2M □□□090C32	E84DVB□1524S□1N2G	420
7.3	31	-	73	131	187	1.3	19.143	GKR05-2M □□□090C32	E84DVB□1524S□1N2G	420
7.2	31	-	72	133	190	2.4	19.444	GKR06-2M □□□090C32	E84DVB□1524S□1N2G	420
6.8	29	-	68	141	201	1.2	20.650	GKR05-2M □□□090C32	E84DVB□1524S□1N2G	420
6.5	28	-	65	147	209	2.2	21.438	GKR06-2M □□□090C32	E84DVB□1524S□1N2G	420
6.0	26	-	60	161	229	1.1	23.450	GKR05-2M □□□090C32	E84DVB□1524S□1N2G	420
5.5	24	-	55	173	247	1.8	25.309	GKR06-2M □□□090C32	E84DVB□1524S□1N2G	420
5.2	22	-	52	184	262	0.9	26.878	GKR05-2M □□□090C32	E84DVB□1524S□1N2G	420
5.0	22	-	50	191	272	1.7	27.903	GKR06-2M □□□090C32	E84DVB□1524S□1N2G	420
4.6	20	-	46	209	298	0.8	30.522	GKR05-2M □□□090C32	E84DVB□1524S□1N2G	420
4.4	19	-	44	216	307	1.5	31.481	GKR06-2M □□□090C32	E84DVB□1524S□1N2G	420
4.0	17	-	40	238	339	1.3	34.708	GKR06-2M □□□090C32	E84DVB□1524S□1N2G	420
3.4	15	-	34	279	397	1.1	40.741	GKR06-2M □□□090C32	E84DVB□1524S□1N2G	420
3.1	13	-	31	308	438	1.0	44.917	GKR06-2M □□□090C32	E84DVB□1524S□1N2G	420
2.8	12	-	28	339	482	0.9	49.444	GKR06-2M □□□090C32	E84DVB□1524S□1N2G	420





50 Hz: P_N = 2.20 kW

n_{22} / n_2 = 1 ... 10.0

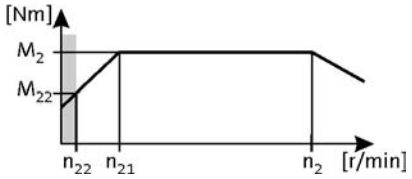
n_1 = 144.0 ... 1440 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
40	168	-	404	30	49	2.8	3.565	GKR05-2M □□□100C12	E84DVB□2224S□1N2G	420
30	123	-	295	41	68	2.2	4.889	GKR05-2M □□□100C12	E84DVB□2224S□1N2G	420
23	96	-	230	52	87	1.8	6.257	GKR05-2M □□□100C12	E84DVB□2224S□1N2G	420
21	87	-	209	57	95	1.9	6.883	GKR05-2M □□□100C12	E84DVB□2224S□1N2G	420
18	77	-	184	65	108	1.7	7.817	GKR05-2M □□□100C12	E84DVB□2224S□1N2G	420
15	64	-	153	79	131	1.5	9.440	GKR05-2M □□□100C12	E84DVB□2224S□1N2G	420
15	61	-	147	82	136	2.8	9.800	GKR06-2M □□□100C12	E84DVB□2224S□1N2G	420
13	56	-	134	89	149	1.4	10.720	GKR05-2M □□□100C12	E84DVB□2224S□1N2G	420
13	53	-	127	95	158	2.8	11.376	GKR06-2M □□□100C12	E84DVB□2224S□1N2G	420
12	50	-	119	100	167	1.2	12.081	GKR05-2M □□□100C12	E84DVB□2224S□1N2G	420
12	48	-	116	103	173	2.6	12.444	GKR06-2M □□□100C12	E84DVB□2224S□1N2G	420
11	45	-	109	110	183	1.2	13.216	GKR05-2M □□□100C12	E84DVB□2224S□1N2G	420
11	44	-	105	114	190	1.1	13.719	GKR05-2M □□□100C12	E84DVB□2224S□1N2G	420
11	44	-	105	114	190	2.2	13.720	GKR06-2M □□□100C12	E84DVB□2224S□1N2G	420
9.6	40	-	96	125	208	1.1	15.008	GKR05-2M □□□100C12	E84DVB□2224S□1N2G	420
9.1	38	-	91	132	220	2.1	15.873	GKR06-2M □□□100C12	E84DVB□2224S□1N2G	420
8.5	36	-	85	140	234	1.0	16.857	GKR05-2M □□□100C12	E84DVB□2224S□1N2G	420
8.2	34	-	82	146	243	1.9	17.500	GKR06-2M □□□100C12	E84DVB□2224S□1N2G	420
7.5	31	-	75	159	265	0.9	19.143	GKR05-2M □□□100C12	E84DVB□2224S□1N2G	420
7.4	31	-	74	162	270	1.7	19.444	GKR06-2M □□□100C12	E84DVB□2224S□1N2G	420
7.0	29	-	70	172	286	0.8	20.650	GKR05-2M □□□100C12	E84DVB□2224S□1N2G	420
6.7	28	-	67	178	297	1.5	21.438	GKR06-2M □□□100C12	E84DVB□2224S□1N2G	420
5.7	24	-	57	210	351	1.3	25.309	GKR06-2M □□□100C12	E84DVB□2224S□1N2G	420
5.2	22	-	52	232	387	1.2	27.903	GKR06-2M □□□100C12	E84DVB□2224S□1N2G	420
4.6	19	-	46	262	436	1.0	31.481	GKR06-2M □□□100C12	E84DVB□2224S□1N2G	420
4.2	17	-	42	289	481	0.9	34.708	GKR06-2M □□□100C12	E84DVB□2224S□1N2G	420

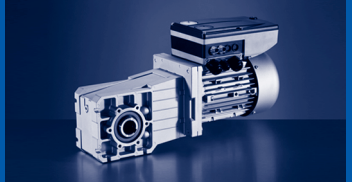
50 Hz: P_N = 3.00 kW

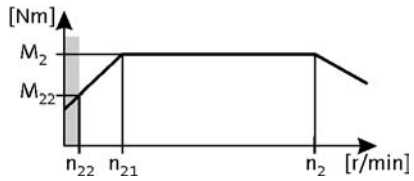
n_{22} / n_2 = 1 ... 10.0

n_1 = 143.0 ... 1430 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
42	175	-	417	39	65	3.1	3.431	GKR06-2M □□□100C32	E84DVB□3024S□1N2G	420
40	168	-	401	41	68	2.0	3.565	GKR05-2M □□□100C32	E84DVB□3024S□1N2G	420
30	128	-	304	54	90	2.8	4.706	GKR06-2M □□□100C32	E84DVB□3024S□1N2G	420
29	123	-	293	56	93	1.6	4.889	GKR05-2M □□□100C32	E84DVB□3024S□1N2G	420
24	100	-	237	69	115	2.4	6.022	GKR06-2M □□□100C32	E84DVB□3024S□1N2G	420
23	96	-	229	72	119	1.3	6.257	GKR05-2M □□□100C32	E84DVB□3024S□1N2G	420
22	93	-	221	74	123	2.8	6.481	GKR06-2M □□□100C32	E84DVB□3024S□1N2G	420
21	87	-	208	79	131	1.4	6.883	GKR05-2M □□□100C32	E84DVB□3024S□1N2G	420
20	84	-	200	82	136	2.6	7.146	GKR06-2M □□□100C32	E84DVB□3024S□1N2G	420
18	77	-	183	89	149	1.3	7.817	GKR05-2M □□□100C32	E84DVB□3024S□1N2G	420
16	68	-	161	102	169	2.4	8.889	GKR06-2M □□□100C32	E84DVB□3024S□1N2G	420
15	64	-	152	108	180	1.1	9.440	GKR05-2M □□□100C32	E84DVB□3024S□1N2G	420
15	61	-	146	112	187	2.1	9.800	GKR06-2M □□□100C32	E84DVB□3024S□1N2G	420
13	56	-	133	123	204	1.0	10.720	GKR05-2M □□□100C32	E84DVB□3024S□1N2G	420
13	53	-	126	130	217	2.0	11.376	GKR06-2M □□□100C32	E84DVB□3024S□1N2G	420
12	50	-	118	138	230	0.9	12.081	GKR05-2M □□□100C32	E84DVB□3024S□1N2G	420
12	48	-	115	142	237	1.9	12.444	GKR06-2M □□□100C32	E84DVB□3024S□1N2G	420
11	45	-	108	151	252	0.9	13.216	GKR05-2M □□□100C32	E84DVB□3024S□1N2G	420
10	44	-	104	157	261	0.8	13.719	GKR05-2M □□□100C32	E84DVB□3024S□1N2G	420
10	44	-	104	157	261	1.6	13.720	GKR06-2M □□□100C32	E84DVB□3024S□1N2G	420
9.0	38	-	90	181	302	1.5	15.873	GKR06-2M □□□100C32	E84DVB□3024S□1N2G	420
8.2	34	-	82	200	333	1.4	17.500	GKR06-2M □□□100C32	E84DVB□3024S□1N2G	420
7.4	31	-	74	222	370	1.2	19.444	GKR06-2M □□□100C32	E84DVB□3024S□1N2G	420
6.7	28	-	67	245	408	1.1	21.438	GKR06-2M □□□100C32	E84DVB□3024S□1N2G	420
5.7	24	-	57	289	482	0.9	25.309	GKR06-2M □□□100C32	E84DVB□3024S□1N2G	420
5.1	22	-	51	319	531	0.9	27.903	GKR06-2M □□□100C32	E84DVB□3024S□1N2G	420





87 Hz: P_N = 0.33 kW

n_{22} / n_2 = 1 ... 17.4

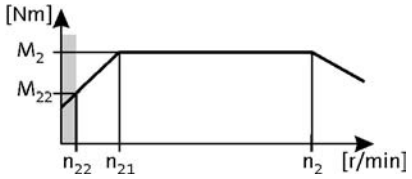
n_1 = 142.2 ... 2475 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
23	96	-	398	5.7	7.0	4.6	6.222	GKR03-2M □□□063C32	E84DVB□5514S□1N2G	420
20	84	-	348	6.6	9.0	4.3	7.111	GKR03-2M □□□063C32	E84DVB□5514S□1N2G	420
17	73	-	303	7.5	10	3.8	8.178	GKR03-2M □□□063C32	E84DVB□5514S□1N2G	420
16	66	-	272	8.4	11	3.5	9.101	GKR03-2M □□□063C32	E84DVB□5514S□1N2G	420
14	57	-	237	9.6	13	3.0	10.466	GKR03-2M □□□063C32	E84DVB□5514S□1N2G	420
12	52	-	216	11	14	2.9	11.449	GKR04-2M □□□063C32	E84DVB□5514S□1N2G	420
12	52	-	213	11	14	2.7	11.640	GKR03-2M □□□063C32	E84DVB□5514S□1N2G	420
11	47	-	195	12	15	2.7	12.698	GKR04-2M □□□063C32	E84DVB□5514S□1N2G	420
11	45	-	185	12	16	2.4	13.386	GKR03-2M □□□063C32	E84DVB□5514S□1N2G	420
9.7	41	-	170	14	18	2.7	14.603	GKR04-2M □□□063C32	E84DVB□5514S□1N2G	420
9.4	40	-	164	14	18	2.1	15.111	GKR03-2M □□□063C32	E84DVB□5514S□1N2G	420
8.2	35	-	142	16	21	1.8	17.378	GKR03-2M □□□063C32	E84DVB□5514S□1N2G	420
7.4	31	-	128	18	23	1.6	19.365	GKR03-2M □□□063C32	E84DVB□5514S□1N2G	420
7.3	31	-	127	18	23	3.0	19.556	GKR04-2M □□□063C32	E84DVB□5514S□1N2G	420
6.4	27	-	111	21	27	1.4	22.270	GKR03-2M □□□063C32	E84DVB□5514S□1N2G	420
6.3	27	-	110	21	27	2.8	22.489	GKR04-2M □□□063C32	E84DVB□5514S□1N2G	420
5.7	24	-	99	23	30	1.4	25.051	GKR03-2M □□□063C32	E84DVB□5514S□1N2G	420
5.7	24	-	98	23	30	2.8	25.185	GKR04-2M □□□063C32	E84DVB□5514S□1N2G	420
4.9	21	-	86	27	35	1.3	28.808	GKR03-2M □□□063C32	E84DVB□5514S□1N2G	420
4.9	21	-	86	27	35	2.5	28.963	GKR04-2M □□□063C32	E84DVB□5514S□1N2G	420
4.5	19	-	78	29	38	2.3	31.919	GKR04-2M □□□063C32	E84DVB□5514S□1N2G	420
4.4	18	-	76	30	39	1.1	32.593	GKR03-2M □□□063C32	E84DVB□5514S□1N2G	420
3.9	16	-	67	34	44	2.0	36.707	GKR04-2M □□□063C32	E84DVB□5514S□1N2G	420
3.8	16	-	66	35	45	1.0	37.481	GKR03-2M □□□063C32	E84DVB□5514S□1N2G	420
3.6	15	-	62	37	48	1.8	40.000	GKR04-2M □□□063C32	E84DVB□5514S□1N2G	420
3.4	14	-	59	39	51	0.9	42.222	GKR03-2M □□□063C32	E84DVB□5514S□1N2G	420
3.1	13	-	54	42	55	1.6	46.000	GKR04-2M □□□063C32	E84DVB□5514S□1N2G	420
2.7	11	-	47	49	63	1.1	52.698	GKR04-2M □□□063C32	E84DVB□5514S□1N2G	420
2.4	9.9	-	41	56	73	1.1	60.603	GKR04-2M □□□063C32	E84DVB□5514S□1N2G	420

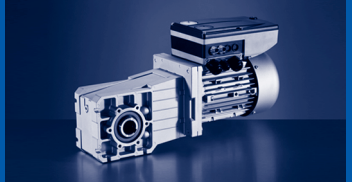
87 Hz: P_N = 0.45 kW

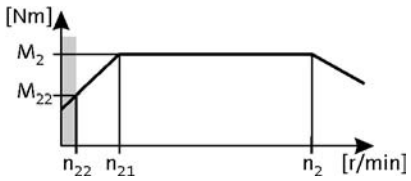
n_{22} / n_2 = 1 ... 17.4

n_1 = 142.5 ... 2480 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
28	116	-	478	6.6	9.0	3.9	5.185	GKR04-2M □□□063C42	E84DVB□5514S□1N2G	420
26	111	-	458	6.9	9.0	3.7	5.411	GKR03-2M □□□063C42	E84DVB□5514S□1N2G	420
24	101	-	416	7.6	10	3.9	5.963	GKR04-2M □□□063C42	E84DVB□5514S□1N2G	420
23	96	-	399	7.9	10	3.3	6.222	GKR03-2M □□□063C42	E84DVB□5514S□1N2G	420
20	84	-	349	9.1	12	3.1	7.111	GKR03-2M □□□063C42	E84DVB□5514S□1N2G	420
20	84	-	349	9.1	12	3.9	7.111	GKR04-2M □□□063C42	E84DVB□5514S□1N2G	420
17	73	-	303	10	14	2.8	8.178	GKR03-2M □□□063C42	E84DVB□5514S□1N2G	420
17	73	-	303	10	14	3.9	8.178	GKR04-2M □□□063C42	E84DVB□5514S□1N2G	420
16	66	-	273	12	15	2.5	9.101	GKR03-2M □□□063C42	E84DVB□5514S□1N2G	420
16	66	-	273	12	15	4.4	9.101	GKR04-2M □□□063C42	E84DVB□5514S□1N2G	420
14	57	-	237	13	17	2.2	10.466	GKR03-2M □□□063C42	E84DVB□5514S□1N2G	420
14	57	-	237	13	17	4.3	10.466	GKR04-2M □□□063C42	E84DVB□5514S□1N2G	420
12	52	-	217	15	19	4.0	11.449	GKR04-2M □□□063C42	E84DVB□5514S□1N2G	420
12	52	-	213	15	19	2.0	11.640	GKR03-2M □□□063C42	E84DVB□5514S□1N2G	420
11	47	-	195	16	21	3.6	12.698	GKR04-2M □□□063C42	E84DVB□5514S□1N2G	420
11	45	-	188	17	22	3.9	13.216	GKR05-2M □□□063C42	E84DVB□5514S□1N2G	420
11	45	-	185	17	22	1.7	13.386	GKR03-2M □□□063C42	E84DVB□5514S□1N2G	420
9.8	41	-	170	19	24	3.2	14.603	GKR04-2M □□□063C42	E84DVB□5514S□1N2G	420
9.5	40	-	165	19	25	3.9	15.008	GKR05-2M □□□063C42	E84DVB□5514S□1N2G	420
9.4	40	-	164	19	25	1.5	15.111	GKR03-2M □□□063C42	E84DVB□5514S□1N2G	420
9.2	39	-	159	20	26	3.0	15.556	GKR04-2M □□□063C42	E84DVB□5514S□1N2G	420
8.2	35	-	143	22	29	1.3	17.378	GKR03-2M □□□063C42	E84DVB□5514S□1N2G	420
8.0	34	-	139	23	30	2.6	17.889	GKR04-2M □□□063C42	E84DVB□5514S□1N2G	420
7.4	31	-	128	25	32	1.2	19.365	GKR03-2M □□□063C42	E84DVB□5514S□1N2G	420
7.3	31	-	127	25	32	2.4	19.556	GKR04-2M □□□063C42	E84DVB□5514S□1N2G	420
6.4	27	-	111	28	37	1.0	22.270	GKR03-2M □□□063C42	E84DVB□5514S□1N2G	420
6.3	27	-	110	29	37	2.0	22.489	GKR04-2M □□□063C42	E84DVB□5514S□1N2G	420
5.7	24	-	99	32	42	1.0	25.051	GKR03-2M □□□063C42	E84DVB□5514S□1N2G	420
5.7	24	-	99	32	42	2.1	25.185	GKR04-2M □□□063C42	E84DVB□5514S□1N2G	420
5.0	21	-	86	37	48	0.9	28.808	GKR03-2M □□□063C42	E84DVB□5514S□1N2G	420
4.9	21	-	86	37	48	1.8	28.963	GKR04-2M □□□063C42	E84DVB□5514S□1N2G	420
4.7	20	-	81	39	51	4.1	30.522	GKR05-2M □□□063C42	E84DVB□5514S□1N2G	420
4.5	19	-	78	41	53	1.6	31.919	GKR04-2M □□□063C42	E84DVB□5514S□1N2G	420
4.4	18	-	76	42	54	0.8	32.593	GKR03-2M □□□063C42	E84DVB□5514S□1N2G	420
3.9	16	-	68	47	61	1.4	36.707	GKR04-2M □□□063C42	E84DVB□5514S□1N2G	420
3.6	15	-	62	51	66	1.2	40.000	GKR04-2M □□□063C42	E84DVB□5514S□1N2G	420
3.1	13	-	54	59	76	1.2	46.000	GKR04-2M □□□063C42	E84DVB□5514S□1N2G	420
2.9	12	-	51	63	81	3.0	49.133	GKR05-2M □□□063C42	E84DVB□5514S□1N2G	420
2.9	12	-	50	63	82	3.2	49.444	GKR06-2M □□□063C42	E84DVB□5514S□1N2G	420
2.7	11	-	47	67	87	2.8	52.510	GKR05-2M □□□063C42	E84DVB□5514S□1N2G	420
2.4	10	-	42	76	99	2.4	59.630	GKR05-2M □□□063C42	E84DVB□5514S□1N2G	420





87 Hz: P_N = 0.45 kW

n_{22} / n_2 = 1 ... 17.4

n_1 = 142.5 ... 2480 r/min

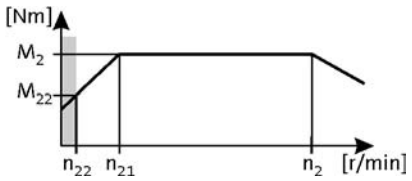
n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
2.3	9.6	-	40	80	104	2.6	62.500	GKR06-2M □□□063C42	E84DVB□5514S□1N2G	420
2.1	8.7	-	36	88	114	2.6	68.906	GKR06-2M □□□063C42	E84DVB□5514S□1N2G	420

5

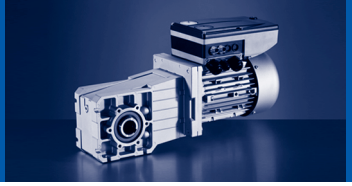
87 Hz: P_N = 0.66 kW

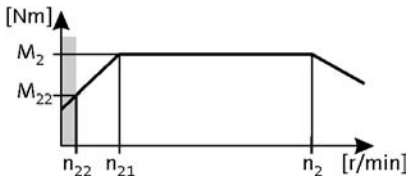
n_{22} / n_2 = 1 ... 17.4

n_1 = 144.8 ... 2520 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
28	116	-	486	9.5	12	3.3	5.185	GKR04-2M □□□071C32	E84DVB□7514S□1N2G	420
27	111	-	466	9.9	13	2.6	5.411	GKR03-2M □□□071C32	E84DVB□7514S□1N2G	420
24	101	-	423	11	14	3.3	5.963	GKR04-2M □□□071C32	E84DVB□7514S□1N2G	420
23	96	-	405	11	15	2.3	6.222	GKR03-2M □□□071C32	E84DVB□7514S□1N2G	420
20	84	-	354	13	17	2.1	7.111	GKR03-2M □□□071C32	E84DVB□7514S□1N2G	420
20	84	-	354	13	17	3.3	7.111	GKR04-2M □□□071C32	E84DVB□7514S□1N2G	420
18	73	-	308	15	20	1.9	8.178	GKR03-2M □□□071C32	E84DVB□7514S□1N2G	420
18	73	-	308	15	20	3.3	8.178	GKR04-2M □□□071C32	E84DVB□7514S□1N2G	420
16	66	-	277	17	22	1.8	9.101	GKR03-2M □□□071C32	E84DVB□7514S□1N2G	420
16	66	-	277	17	22	3.3	9.101	GKR04-2M □□□071C32	E84DVB□7514S□1N2G	420
14	57	-	241	19	25	1.5	10.466	GKR03-2M □□□071C32	E84DVB□7514S□1N2G	420
14	57	-	241	19	25	3.0	10.466	GKR04-2M □□□071C32	E84DVB□7514S□1N2G	420
13	52	-	220	21	27	2.8	11.449	GKR04-2M □□□071C32	E84DVB□7514S□1N2G	420
12	52	-	217	21	28	1.4	11.640	GKR03-2M □□□071C32	E84DVB□7514S□1N2G	420
11	47	-	198	23	30	2.5	12.698	GKR04-2M □□□071C32	E84DVB□7514S□1N2G	420
11	45	-	191	24	32	3.3	13.216	GKR05-2M □□□071C32	E84DVB□7514S□1N2G	420
11	45	-	188	25	32	1.2	13.386	GKR03-2M □□□071C32	E84DVB□7514S□1N2G	420
9.9	41	-	173	27	35	2.2	14.603	GKR04-2M □□□071C32	E84DVB□7514S□1N2G	420
9.7	40	-	168	28	36	3.3	15.008	GKR05-2M □□□071C32	E84DVB□7514S□1N2G	420
9.6	40	-	167	28	36	1.1	15.111	GKR03-2M □□□071C32	E84DVB□7514S□1N2G	420
9.3	39	-	162	29	37	2.0	15.556	GKR04-2M □□□071C32	E84DVB□7514S□1N2G	420
8.3	35	-	145	32	41	0.9	17.378	GKR03-2M □□□071C32	E84DVB□7514S□1N2G	420
8.1	34	-	141	33	43	1.8	17.889	GKR04-2M □□□071C32	E84DVB□7514S□1N2G	420
7.5	31	-	130	36	46	0.8	19.365	GKR03-2M □□□071C32	E84DVB□7514S□1N2G	420
7.4	31	-	129	36	47	1.6	19.556	GKR04-2M □□□071C32	E84DVB□7514S□1N2G	420
6.4	27	-	112	41	54	1.4	22.489	GKR04-2M □□□071C32	E84DVB□7514S□1N2G	420
5.8	24	-	100	46	60	1.4	25.185	GKR04-2M □□□071C32	E84DVB□7514S□1N2G	420
5.0	21	-	87	53	69	1.3	28.963	GKR04-2M □□□071C32	E84DVB□7514S□1N2G	420
4.7	20	-	83	56	73	3.2	30.522	GKR05-2M □□□071C32	E84DVB□7514S□1N2G	420
4.5	19	-	79	59	76	1.1	31.919	GKR04-2M □□□071C32	E84DVB□7514S□1N2G	420
4.3	18	-	75	61	80	2.9	33.433	GKR05-2M □□□071C32	E84DVB□7514S□1N2G	420
4.0	16	-	69	67	87	1.0	36.707	GKR04-2M □□□071C32	E84DVB□7514S□1N2G	420
3.8	16	-	66	70	90	2.5	37.967	GKR05-2M □□□071C32	E84DVB□7514S□1N2G	420
3.6	15	-	63	73	95	0.9	40.000	GKR04-2M □□□071C32	E84DVB□7514S□1N2G	420
3.6	15	-	62	75	97	3.2	40.741	GKR06-2M □□□071C32	E84DVB□7514S□1N2G	420
3.4	14	-	58	79	103	2.3	43.267	GKR05-2M □□□071C32	E84DVB□7514S□1N2G	420
3.2	13	-	56	82	107	3.2	44.917	GKR06-2M □□□071C32	E84DVB□7514S□1N2G	420
3.2	13	-	55	84	110	0.8	46.000	GKR04-2M □□□071C32	E84DVB□7514S□1N2G	420
3.0	12	-	51	90	117	2.1	49.133	GKR05-2M □□□071C32	E84DVB□7514S□1N2G	420
2.9	12	-	51	91	118	2.8	49.444	GKR06-2M □□□071C32	E84DVB□7514S□1N2G	420
2.8	11	-	48	96	125	1.9	52.510	GKR05-2M □□□071C32	E84DVB□7514S□1N2G	420





87 Hz: P_N = 0.66 kW

n_{22} / n_2 = 1 ... 17.4

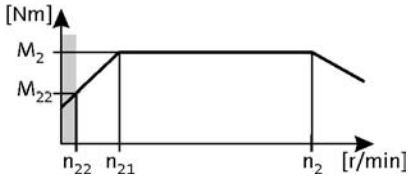
n_1 = 144.8 ... 2520 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
2.4	10	-	42	109	142	1.7	59.630	GKR05-2M □□□071C32	E84DVB□7514S□1N2G	420
2.3	9.6	-	40	115	149	2.2	62.500	GKR06-2M □□□071C32	E84DVB□7514S□1N2G	420
2.1	8.7	-	37	126	164	2.2	68.906	GKR06-2M □□□071C32	E84DVB□7514S□1N2G	420

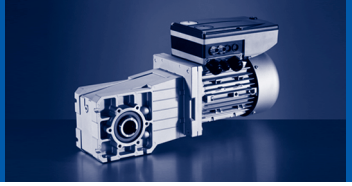
87 Hz: P_N = 1.00 kW

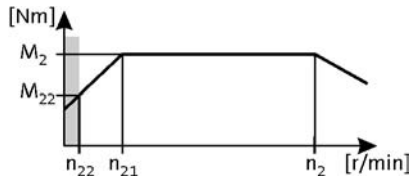
n_{22} / n_2 = 1 ... 17.4

n_1 = 144.5 ... 2515 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
28	116	-	485	14	18	3.2	5.185	GKR04-2M □□□071C42	E84DVB□1124S□1N2G	420
27	111	-	465	15	19	1.7	5.411	GKR03-2M □□□071C42	E84DVB□1124S□1N2G	420
24	101	-	422	16	21	2.9	5.963	GKR04-2M □□□071C42	E84DVB□1124S□1N2G	420
23	96	-	404	17	22	1.5	6.222	GKR03-2M □□□071C42	E84DVB□1124S□1N2G	420
23	96	-	402	17	22	3.8	6.257	GKR05-2M □□□071C42	E84DVB□1124S□1N2G	420
20	84	-	354	19	25	1.4	7.111	GKR03-2M □□□071C42	E84DVB□1124S□1N2G	420
20	84	-	354	19	25	2.6	7.111	GKR04-2M □□□071C42	E84DVB□1124S□1N2G	420
18	73	-	308	22	29	1.3	8.178	GKR03-2M □□□071C42	E84DVB□1124S□1N2G	420
18	73	-	308	22	29	2.4	8.178	GKR04-2M □□□071C42	E84DVB□1124S□1N2G	420
16	66	-	276	25	32	1.2	9.101	GKR03-2M □□□071C42	E84DVB□1124S□1N2G	420
16	66	-	276	25	32	2.2	9.101	GKR04-2M □□□071C42	E84DVB□1124S□1N2G	420
14	57	-	240	29	37	1.0	10.466	GKR03-2M □□□071C42	E84DVB□1124S□1N2G	420
14	57	-	240	29	37	2.0	10.466	GKR04-2M □□□071C42	E84DVB□1124S□1N2G	420
13	52	-	220	31	41	1.9	11.449	GKR04-2M □□□071C42	E84DVB□1124S□1N2G	420
12	52	-	216	32	41	0.9	11.640	GKR03-2M □□□071C42	E84DVB□1124S□1N2G	420
11	47	-	198	35	45	1.7	12.698	GKR04-2M □□□071C42	E84DVB□1124S□1N2G	420
11	45	-	190	36	47	3.8	13.216	GKR05-2M □□□071C42	E84DVB□1124S□1N2G	420
9.9	41	-	172	40	52	1.5	14.603	GKR04-2M □□□071C42	E84DVB□1124S□1N2G	420
9.6	40	-	168	41	53	3.5	15.008	GKR05-2M □□□071C42	E84DVB□1124S□1N2G	420
9.3	39	-	162	43	55	1.4	15.556	GKR04-2M □□□071C42	E84DVB□1124S□1N2G	420
8.1	34	-	141	49	64	1.2	17.889	GKR04-2M □□□071C42	E84DVB□1124S□1N2G	420
7.4	31	-	129	54	69	1.1	19.556	GKR04-2M □□□071C42	E84DVB□1124S□1N2G	420
6.4	27	-	112	62	80	1.0	22.489	GKR04-2M □□□071C42	E84DVB□1124S□1N2G	420
6.2	26	-	107	64	83	2.4	23.450	GKR05-2M □□□071C42	E84DVB□1124S□1N2G	420
5.7	24	-	100	69	89	1.0	25.185	GKR04-2M □□□071C42	E84DVB□1124S□1N2G	420
5.4	22	-	94	74	96	2.4	26.878	GKR05-2M □□□071C42	E84DVB□1124S□1N2G	420
5.0	21	-	87	79	103	0.8	28.963	GKR04-2M □□□071C42	E84DVB□1124S□1N2G	420
4.7	20	-	82	84	108	2.1	30.522	GKR05-2M □□□071C42	E84DVB□1124S□1N2G	420
4.6	19	-	80	86	112	3.0	31.481	GKR06-2M □□□071C42	E84DVB□1124S□1N2G	420
4.3	18	-	75	91	119	1.9	33.433	GKR05-2M □□□071C42	E84DVB□1124S□1N2G	420
4.2	17	-	73	95	123	3.0	34.708	GKR06-2M □□□071C42	E84DVB□1124S□1N2G	420
3.8	16	-	66	104	135	1.7	37.967	GKR05-2M □□□071C42	E84DVB□1124S□1N2G	420
3.6	15	-	62	111	145	2.9	40.741	GKR06-2M □□□071C42	E84DVB□1124S□1N2G	420
3.3	14	-	58	118	154	1.6	43.267	GKR05-2M □□□071C42	E84DVB□1124S□1N2G	420
3.2	13	-	56	123	160	2.8	44.917	GKR06-2M □□□071C42	E84DVB□1124S□1N2G	420
2.9	12	-	51	134	175	1.4	49.133	GKR05-2M □□□071C42	E84DVB□1124S□1N2G	420
2.9	12	-	51	135	176	2.4	49.444	GKR06-2M □□□071C42	E84DVB□1124S□1N2G	420
2.8	11	-	48	144	187	1.3	52.510	GKR05-2M □□□071C42	E84DVB□1124S□1N2G	420
2.4	10	-	42	163	212	1.1	59.630	GKR05-2M □□□071C42	E84DVB□1124S□1N2G	420
2.3	9.6	-	40	171	222	1.4	62.500	GKR06-2M □□□071C42	E84DVB□1124S□1N2G	420
2.1	8.7	-	37	188	245	1.4	68.906	GKR06-2M □□□071C42	E84DVB□1124S□1N2G	420





87 Hz: P_N = 1.35 kW

n_{22} / n_2 = 1 ... 17.4

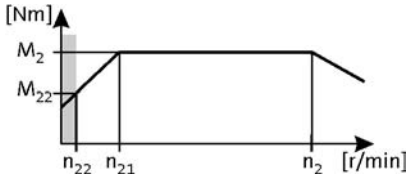
n_1 = 144.8 ... 2520 r/min

n_{22}	n_{21}		n_2	M_{22}	M_2	c	i			
[r/min]	[r/min]		[r/min]	[Nm]	[Nm]					
28	116	-	486	19	25	2.3	5.185	GKR04-2M □□□080C32	E84DVB□1524S□1N2G	420
24	101	-	423	22	29	2.1	5.963	GKR04-2M □□□080C32	E84DVB□1524S□1N2G	420
23	96	-	403	23	30	3.5	6.257	GKR05-2M □□□080C32	E84DVB□1524S□1N2G	420
20	84	-	354	27	34	1.9	7.111	GKR04-2M □□□080C32	E84DVB□1524S□1N2G	420
18	73	-	308	31	40	1.7	8.178	GKR04-2M □□□080C32	E84DVB□1524S□1N2G	420
16	66	-	277	34	44	1.6	9.101	GKR04-2M □□□080C32	E84DVB□1524S□1N2G	420
14	57	-	241	39	51	1.5	10.466	GKR04-2M □□□080C32	E84DVB□1524S□1N2G	420
13	52	-	220	43	55	1.4	11.449	GKR04-2M □□□080C32	E84DVB□1524S□1N2G	420
11	47	-	198	47	61	1.2	12.698	GKR04-2M □□□080C32	E84DVB□1524S□1N2G	420
11	45	-	191	49	64	2.8	13.216	GKR05-2M □□□080C32	E84DVB□1524S□1N2G	420
9.9	41	-	173	55	71	1.1	14.603	GKR04-2M □□□080C32	E84DVB□1524S□1N2G	420
9.7	40	-	168	56	72	2.6	15.008	GKR05-2M □□□080C32	E84DVB□1524S□1N2G	420
9.3	39	-	162	58	75	1.0	15.556	GKR04-2M □□□080C32	E84DVB□1524S□1N2G	420
8.6	36	-	150	63	81	2.5	16.857	GKR05-2M □□□080C32	E84DVB□1524S□1N2G	420
8.1	34	-	141	67	86	0.9	17.889	GKR04-2M □□□080C32	E84DVB□1524S□1N2G	420
7.6	31	-	132	71	92	2.2	19.143	GKR05-2M □□□080C32	E84DVB□1524S□1N2G	420
7.4	31	-	129	73	94	0.8	19.556	GKR04-2M □□□080C32	E84DVB□1524S□1N2G	420
7.0	29	-	122	77	100	2.0	20.650	GKR05-2M □□□080C32	E84DVB□1524S□1N2G	420
6.2	26	-	108	88	113	1.8	23.450	GKR05-2M □□□080C32	E84DVB□1524S□1N2G	420
5.4	22	-	94	100	130	1.8	26.878	GKR05-2M □□□080C32	E84DVB□1524S□1N2G	420
5.2	22	-	90	104	135	3.2	27.903	GKR06-2M □□□080C32	E84DVB□1524S□1N2G	420
4.7	20	-	83	114	147	1.6	30.522	GKR05-2M □□□080C32	E84DVB□1524S□1N2G	420
4.6	19	-	80	118	152	2.8	31.481	GKR06-2M □□□080C32	E84DVB□1524S□1N2G	420
4.3	18	-	75	125	161	1.4	33.433	GKR05-2M □□□080C32	E84DVB□1524S□1N2G	420
4.2	17	-	73	130	168	2.6	34.708	GKR06-2M □□□080C32	E84DVB□1524S□1N2G	420
3.8	16	-	66	142	183	1.3	37.967	GKR05-2M □□□080C32	E84DVB□1524S□1N2G	420
3.6	15	-	62	152	197	2.3	40.741	GKR06-2M □□□080C32	E84DVB□1524S□1N2G	420
3.4	14	-	58	161	209	1.2	43.267	GKR05-2M □□□080C32	E84DVB□1524S□1N2G	420
3.2	13	-	56	168	217	2.1	44.917	GKR06-2M □□□080C32	E84DVB□1524S□1N2G	420
3.0	12	-	51	183	237	1.0	49.133	GKR05-2M □□□080C32	E84DVB□1524S□1N2G	420
2.9	12	-	51	185	239	1.9	49.444	GKR06-2M □□□080C32	E84DVB□1524S□1N2G	420
2.8	11	-	48	196	253	1.0	52.510	GKR05-2M □□□080C32	E84DVB□1524S□1N2G	420
2.4	10	-	42	223	288	0.8	59.630	GKR05-2M □□□080C32	E84DVB□1524S□1N2G	420
2.3	9.6	-	40	233	302	1.3	62.500	GKR06-2M □□□080C32	E84DVB□1524S□1N2G	420
2.1	8.7	-	37	257	333	1.3	68.906	GKR06-2M □□□080C32	E84DVB□1524S□1N2G	420

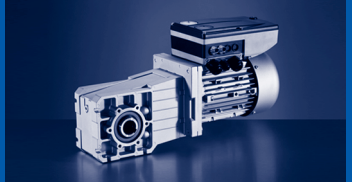
87 Hz: P_N = 2.00 kW

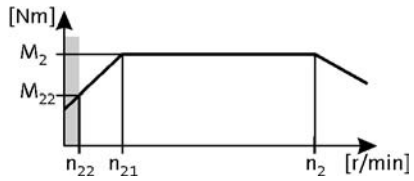
n_{22} / n_2 = 1 ... 17.4

n_1 = 143.7 ... 2500 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
40	253	-	701	15	26	3.8	3.565	GKR05-2M □□□080C42	E84DVB□2224S□1N2G	420
28	174	-	482	22	37	1.6	5.185	GKR04-2M □□□080C42	E84DVB□2224S□1N2G	420
24	151	-	419	25	43	1.4	5.963	GKR04-2M □□□080C42	E84DVB□2224S□1N2G	420
23	144	-	400	26	45	2.9	6.257	GKR05-2M □□□080C42	E84DVB□2224S□1N2G	420
20	127	-	352	30	51	1.3	7.111	GKR04-2M □□□080C42	E84DVB□2224S□1N2G	420
18	110	-	306	34	59	1.2	8.178	GKR04-2M □□□080C42	E84DVB□2224S□1N2G	420
16	99	-	275	38	65	1.1	9.101	GKR04-2M □□□080C42	E84DVB□2224S□1N2G	420
15	95	-	265	39	68	2.4	9.440	GKR05-2M □□□080C42	E84DVB□2224S□1N2G	420
14	86	-	239	44	75	1.0	10.466	GKR04-2M □□□080C42	E84DVB□2224S□1N2G	420
13	84	-	233	45	77	2.2	10.720	GKR05-2M □□□080C42	E84DVB□2224S□1N2G	420
13	79	-	218	48	82	0.9	11.449	GKR04-2M □□□080C42	E84DVB□2224S□1N2G	420
12	75	-	207	50	87	2.0	12.081	GKR05-2M □□□080C42	E84DVB□2224S□1N2G	420
11	71	-	197	53	91	0.8	12.698	GKR04-2M □□□080C42	E84DVB□2224S□1N2G	420
11	68	-	189	55	95	1.9	13.216	GKR05-2M □□□080C42	E84DVB□2224S□1N2G	420
11	66	-	182	57	99	1.9	13.719	GKR05-2M □□□080C42	E84DVB□2224S□1N2G	420
9.6	60	-	167	62	108	1.8	15.008	GKR05-2M □□□080C42	E84DVB□2224S□1N2G	420
8.5	53	-	148	70	121	1.7	16.857	GKR05-2M □□□080C42	E84DVB□2224S□1N2G	420
7.5	47	-	131	80	137	1.5	19.143	GKR05-2M □□□080C42	E84DVB□2224S□1N2G	420
7.4	46	-	129	81	140	2.7	19.444	GKR06-2M □□□080C42	E84DVB□2224S□1N2G	420
7.0	44	-	121	86	148	1.4	20.650	GKR05-2M □□□080C42	E84DVB□2224S□1N2G	420
6.7	42	-	117	89	154	2.5	21.438	GKR06-2M □□□080C42	E84DVB□2224S□1N2G	420
6.1	38	-	107	97	168	1.2	23.450	GKR05-2M □□□080C42	E84DVB□2224S□1N2G	420
5.7	36	-	99	105	182	2.4	25.309	GKR06-2M □□□080C42	E84DVB□2224S□1N2G	420
5.4	34	-	93	112	193	1.2	26.878	GKR05-2M □□□080C42	E84DVB□2224S□1N2G	420
5.2	32	-	90	116	200	2.2	27.903	GKR06-2M □□□080C42	E84DVB□2224S□1N2G	420
4.7	30	-	82	127	219	1.1	30.522	GKR05-2M □□□080C42	E84DVB□2224S□1N2G	420
4.6	29	-	79	131	226	1.9	31.481	GKR06-2M □□□080C42	E84DVB□2224S□1N2G	420
4.3	27	-	75	139	240	1.0	33.433	GKR05-2M □□□080C42	E84DVB□2224S□1N2G	420
4.1	26	-	72	144	249	1.7	34.708	GKR06-2M □□□080C42	E84DVB□2224S□1N2G	420
3.8	24	-	66	158	273	0.8	37.967	GKR05-2M □□□080C42	E84DVB□2224S□1N2G	420
3.5	22	-	61	169	293	1.5	40.741	GKR06-2M □□□080C42	E84DVB□2224S□1N2G	420
3.2	20	-	56	187	323	1.4	44.917	GKR06-2M □□□080C42	E84DVB□2224S□1N2G	420
2.9	18	-	51	205	355	1.3	49.444	GKR06-2M □□□080C42	E84DVB□2224S□1N2G	420





87 Hz: P_N = 2.70 kW

n_{22} / n_2 = 1 ... 17.4

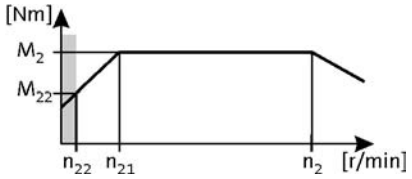
n_1 = 144.8 ... 2520 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
41	168	-	703	24	35	3.3	3.565	GKR05-2M □□□090C32	E84DVB□3024S□1N2G	420
30	123	-	512	34	48	2.6	4.889	GKR05-2M □□□090C32	E84DVB□3024S□1N2G	420
28	116	-	483	36	51	1.2	5.185	GKR04-2M □□□090C32	E84DVB□3024S□1N2G	420
24	101	-	420	41	58	1.1	5.963	GKR04-2M □□□090C32	E84DVB□3024S□1N2G	420
23	96	-	400	43	61	2.2	6.257	GKR05-2M □□□090C32	E84DVB□3024S□1N2G	420
21	87	-	364	47	67	2.3	6.883	GKR05-2M □□□090C32	E84DVB□3024S□1N2G	420
20	84	-	352	49	69	0.9	7.111	GKR04-2M □□□090C32	E84DVB□3024S□1N2G	420
19	77	-	321	54	76	2.1	7.817	GKR05-2M □□□090C32	E84DVB□3024S□1N2G	420
18	73	-	306	56	80	0.9	8.178	GKR04-2M □□□090C32	E84DVB□3024S□1N2G	420
16	66	-	275	62	89	0.8	9.101	GKR04-2M □□□090C32	E84DVB□3024S□1N2G	420
15	64	-	265	65	92	1.8	9.440	GKR05-2M □□□090C32	E84DVB□3024S□1N2G	420
14	56	-	234	73	105	1.6	10.720	GKR05-2M □□□090C32	E84DVB□3024S□1N2G	420
12	50	-	207	83	118	1.5	12.081	GKR05-2M □□□090C32	E84DVB□3024S□1N2G	420
11	45	-	190	91	129	1.4	13.216	GKR05-2M □□□090C32	E84DVB□3024S□1N2G	420
11	44	-	183	94	134	1.4	13.719	GKR05-2M □□□090C32	E84DVB□3024S□1N2G	420
11	44	-	183	94	134	2.7	13.720	GKR06-2M □□□090C32	E84DVB□3024S□1N2G	420
9.7	40	-	167	103	146	1.3	15.008	GKR05-2M □□□090C32	E84DVB□3024S□1N2G	420
9.1	38	-	158	109	155	2.5	15.873	GKR06-2M □□□090C32	E84DVB□3024S□1N2G	420
8.6	36	-	149	116	164	1.2	16.857	GKR05-2M □□□090C32	E84DVB□3024S□1N2G	420
8.3	34	-	143	120	171	2.2	17.500	GKR06-2M □□□090C32	E84DVB□3024S□1N2G	420
7.6	31	-	131	131	187	1.1	19.143	GKR05-2M □□□090C32	E84DVB□3024S□1N2G	420
7.5	31	-	129	133	190	2.0	19.444	GKR06-2M □□□090C32	E84DVB□3024S□1N2G	420
7.0	29	-	121	141	201	1.0	20.650	GKR05-2M □□□090C32	E84DVB□3024S□1N2G	420
6.8	28	-	117	147	209	1.8	21.438	GKR06-2M □□□090C32	E84DVB□3024S□1N2G	420
6.2	26	-	107	161	229	0.9	23.450	GKR05-2M □□□090C32	E84DVB□3024S□1N2G	420
5.7	24	-	99	173	247	1.8	25.309	GKR06-2M □□□090C32	E84DVB□3024S□1N2G	420
5.4	22	-	93	184	262	0.9	26.878	GKR05-2M □□□090C32	E84DVB□3024S□1N2G	420
5.2	22	-	90	191	272	1.6	27.903	GKR06-2M □□□090C32	E84DVB□3024S□1N2G	420
4.6	19	-	80	216	307	1.4	31.481	GKR06-2M □□□090C32	E84DVB□3024S□1N2G	420
4.2	17	-	72	238	339	1.3	34.708	GKR06-2M □□□090C32	E84DVB□3024S□1N2G	420
3.6	15	-	62	279	397	1.1	40.741	GKR06-2M □□□090C32	E84DVB□3024S□1N2G	420
3.2	13	-	56	308	438	1.0	44.917	GKR06-2M □□□090C32	E84DVB□3024S□1N2G	420
2.9	12	-	51	339	482	0.9	49.444	GKR06-2M □□□090C32	E84DVB□3024S□1N2G	420

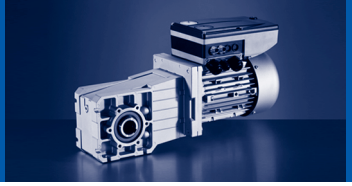
120 Hz: P_N = 0.55 kW

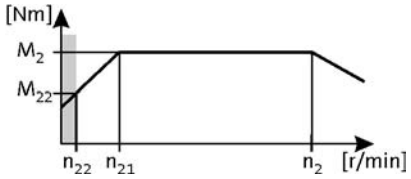
n_{22} / n_2 = 1 ... 24.0

n_1 = 143.3 ... 3440 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
16	66	-	378	10.0	13	2.6	9.101	GKR03-2M□□□063C32	E84DVB□5514S□1N2G	428
16	66	-	378	10.0	13	4.5	9.101	GKR04-2M□□□063C32	E84DVB□5514S□1N2G	428
14	57	-	329	12	15	2.2	10.466	GKR03-2M□□□063C32	E84DVB□5514S□1N2G	428
14	57	-	329	12	15	4.4	10.466	GKR04-2M□□□063C32	E84DVB□5514S□1N2G	428
13	52	-	301	13	17	4.1	11.449	GKR04-2M□□□063C32	E84DVB□5514S□1N2G	428
12	52	-	296	13	17	2.0	11.640	GKR03-2M□□□063C32	E84DVB□5514S□1N2G	428
11	47	-	271	14	18	3.7	12.698	GKR04-2M□□□063C32	E84DVB□5514S□1N2G	428
11	45	-	260	15	19	3.9	13.216	GKR05-2M□□□063C32	E84DVB□5514S□1N2G	428
11	45	-	257	15	19	1.8	13.386	GKR03-2M□□□063C32	E84DVB□5514S□1N2G	428
9.8	41	-	236	16	21	3.2	14.603	GKR04-2M□□□063C32	E84DVB□5514S□1N2G	428
9.6	40	-	229	17	22	3.9	15.008	GKR05-2M□□□063C32	E84DVB□5514S□1N2G	428
9.5	40	-	228	17	22	1.6	15.111	GKR03-2M□□□063C32	E84DVB□5514S□1N2G	428
9.2	39	-	221	17	23	3.0	15.556	GKR04-2M□□□063C32	E84DVB□5514S□1N2G	428
8.3	35	-	198	19	25	1.4	17.378	GKR03-2M□□□063C32	E84DVB□5514S□1N2G	428
8.0	34	-	192	20	26	2.6	17.889	GKR04-2M□□□063C32	E84DVB□5514S□1N2G	428
7.4	31	-	178	21	28	1.2	19.365	GKR03-2M□□□063C32	E84DVB□5514S□1N2G	428
7.3	31	-	176	22	28	2.4	19.556	GKR04-2M□□□063C32	E84DVB□5514S□1N2G	428
6.4	27	-	155	24	32	1.1	22.270	GKR03-2M□□□063C32	E84DVB□5514S□1N2G	428
6.4	27	-	153	25	33	2.1	22.489	GKR04-2M□□□063C32	E84DVB□5514S□1N2G	428
5.7	24	-	137	28	36	1.1	25.051	GKR03-2M□□□063C32	E84DVB□5514S□1N2G	428
5.7	24	-	137	28	37	2.1	25.185	GKR04-2M□□□063C32	E84DVB□5514S□1N2G	428
5.0	21	-	119	32	42	0.9	28.808	GKR03-2M□□□063C32	E84DVB□5514S□1N2G	428
5.0	21	-	119	32	42	1.8	28.963	GKR04-2M□□□063C32	E84DVB□5514S□1N2G	428
4.7	20	-	113	34	44	4.2	30.522	GKR05-2M□□□063C32	E84DVB□5514S□1N2G	428
4.5	19	-	108	35	46	1.7	31.919	GKR04-2M□□□063C32	E84DVB□5514S□1N2G	428
3.9	16	-	94	40	53	1.5	36.707	GKR04-2M□□□063C32	E84DVB□5514S□1N2G	428
3.6	15	-	86	44	58	1.2	40.000	GKR04-2M□□□063C32	E84DVB□5514S□1N2G	428
3.1	13	-	75	51	67	1.3	46.000	GKR04-2M□□□063C32	E84DVB□5514S□1N2G	428
2.9	12	-	70	54	71	3.2	49.133	GKR05-2M□□□063C32	E84DVB□5514S□1N2G	428
2.7	11	-	66	58	76	3.0	52.510	GKR05-2M□□□063C32	E84DVB□5514S□1N2G	428
2.4	10	-	58	66	87	2.7	59.630	GKR05-2M□□□063C32	E84DVB□5514S□1N2G	428
2.1	8.9	-	51	74	97	1.5	67.113	GKR05-2M□□□063C32	E84DVB□5514S□1N2G	428
1.9	7.9	-	45	84	111	1.5	76.213	GKR05-2M□□□063C32	E84DVB□5514S□1N2G	428





120 Hz: P_N = 0.75 kW

n_{22} / n_2 = 1 ... 24.0

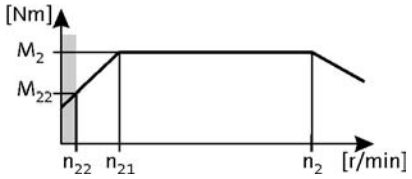
n_1 = 141.7 ... 3400 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
16	66	-	374	14	18	1.9	9.101	GKR03-2M□□□063C42	E84DVB□7514S□1N2G	428
16	66	-	374	14	18	3.3	9.101	GKR04-2M□□□063C42	E84DVB□7514S□1N2G	428
14	57	-	325	16	21	1.6	10.466	GKR03-2M□□□063C42	E84DVB□7514S□1N2G	428
14	57	-	325	16	21	3.2	10.466	GKR04-2M□□□063C42	E84DVB□7514S□1N2G	428
12	52	-	297	17	23	3.0	11.449	GKR04-2M□□□063C42	E84DVB□7514S□1N2G	428
12	52	-	292	17	23	1.5	11.640	GKR03-2M□□□063C42	E84DVB□7514S□1N2G	428
11	47	-	268	19	25	2.7	12.698	GKR04-2M□□□063C42	E84DVB□7514S□1N2G	428
11	45	-	257	20	26	2.9	13.216	GKR05-2M□□□063C42	E84DVB□7514S□1N2G	428
11	45	-	254	20	27	1.3	13.386	GKR03-2M□□□063C42	E84DVB□7514S□1N2G	428
9.7	41	-	233	22	29	2.3	14.603	GKR04-2M□□□063C42	E84DVB□7514S□1N2G	428
9.4	40	-	227	23	30	2.9	15.008	GKR05-2M□□□063C42	E84DVB□7514S□1N2G	428
9.4	40	-	225	23	30	1.1	15.111	GKR03-2M□□□063C42	E84DVB□7514S□1N2G	428
9.1	39	-	219	23	31	2.2	15.556	GKR04-2M□□□063C42	E84DVB□7514S□1N2G	428
8.2	35	-	196	26	35	1.0	17.378	GKR03-2M□□□063C42	E84DVB□7514S□1N2G	428
7.9	34	-	190	27	36	1.9	17.889	GKR04-2M□□□063C42	E84DVB□7514S□1N2G	428
7.2	31	-	174	29	39	1.8	19.556	GKR04-2M□□□063C42	E84DVB□7514S□1N2G	428
6.3	27	-	151	34	45	1.5	22.489	GKR04-2M□□□063C42	E84DVB□7514S□1N2G	428
5.6	24	-	135	38	50	1.5	25.185	GKR04-2M□□□063C42	E84DVB□7514S□1N2G	428
5.3	22	-	127	40	54	3.1	26.878	GKR05-2M□□□063C42	E84DVB□7514S□1N2G	428
4.9	21	-	117	43	58	1.3	28.963	GKR04-2M□□□063C42	E84DVB□7514S□1N2G	428
4.6	20	-	111	46	61	3.1	30.522	GKR05-2M□□□063C42	E84DVB□7514S□1N2G	428
4.4	19	-	107	48	64	1.2	31.919	GKR04-2M□□□063C42	E84DVB□7514S□1N2G	428
4.2	18	-	102	50	67	2.6	33.433	GKR05-2M□□□063C42	E84DVB□7514S□1N2G	428
3.9	16	-	93	55	74	1.1	36.707	GKR04-2M□□□063C42	E84DVB□7514S□1N2G	428
3.7	16	-	90	57	76	2.6	37.967	GKR05-2M□□□063C42	E84DVB□7514S□1N2G	428
3.5	15	-	84	61	82	2.9	40.741	GKR06-2M□□□063C42	E84DVB□7514S□1N2G	428
3.3	14	-	79	65	87	2.6	43.267	GKR05-2M□□□063C42	E84DVB□7514S□1N2G	428
3.2	13	-	76	67	90	2.9	44.917	GKR06-2M□□□063C42	E84DVB□7514S□1N2G	428
3.1	13	-	74	69	92	0.9	46.000	GKR04-2M□□□063C42	E84DVB□7514S□1N2G	428
2.9	12	-	69	74	98	2.3	49.133	GKR05-2M□□□063C42	E84DVB□7514S□1N2G	428
2.9	12	-	69	74	99	2.5	49.444	GKR06-2M□□□063C42	E84DVB□7514S□1N2G	428
2.7	11	-	65	79	105	2.2	52.510	GKR05-2M□□□063C42	E84DVB□7514S□1N2G	428
2.6	11	-	62	82	109	2.5	54.513	GKR06-2M□□□063C42	E84DVB□7514S□1N2G	428
2.4	10	-	57	89	119	1.9	59.630	GKR05-2M□□□063C42	E84DVB□7514S□1N2G	428
2.3	9.6	-	54	94	125	2.0	62.500	GKR06-2M□□□063C42	E84DVB□7514S□1N2G	428
2.1	8.9	-	51	101	134	1.1	67.113	GKR05-2M□□□063C42	E84DVB□7514S□1N2G	428
2.1	8.7	-	49	103	138	2.0	68.906	GKR06-2M□□□063C42	E84DVB□7514S□1N2G	428
1.9	7.9	-	45	114	153	1.1	76.213	GKR05-2M□□□063C42	E84DVB□7514S□1N2G	428

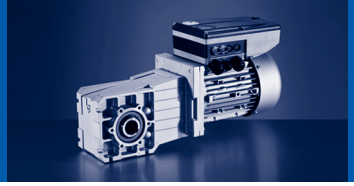
120 Hz: P_N = 1.10 kW

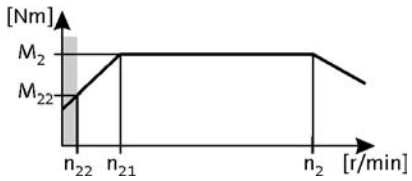
n_{22} / n_2 = 1 ... 24.0

n_1 = 145.4 ... 3490 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
23	96	-	558	14	18	4.2	6.257	GKR05-2M□□□071C32	E84DVB□1124S□1N2G	428
16	66	-	384	20	26	2.4	9.101	GKR04-2M□□□071C32	E84DVB□1124S□1N2G	428
14	57	-	334	23	30	2.2	10.466	GKR04-2M□□□071C32	E84DVB□1124S□1N2G	428
13	52	-	305	25	33	2.1	11.449	GKR04-2M□□□071C32	E84DVB□1124S□1N2G	428
12	47	-	275	28	36	1.9	12.698	GKR04-2M□□□071C32	E84DVB□1124S□1N2G	428
11	45	-	264	29	38	4.2	13.216	GKR05-2M□□□071C32	E84DVB□1124S□1N2G	428
10	41	-	239	32	42	1.6	14.603	GKR04-2M□□□071C32	E84DVB□1124S□1N2G	428
9.7	40	-	233	33	43	3.9	15.008	GKR05-2M□□□071C32	E84DVB□1124S□1N2G	428
9.4	39	-	224	34	45	1.5	15.556	GKR04-2M□□□071C32	E84DVB□1124S□1N2G	428
8.1	34	-	195	39	51	1.3	17.889	GKR04-2M□□□071C32	E84DVB□1124S□1N2G	428
7.4	31	-	179	43	56	1.2	19.556	GKR04-2M□□□071C32	E84DVB□1124S□1N2G	428
7.0	29	-	169	45	59	3.1	20.650	GKR05-2M□□□071C32	E84DVB□1124S□1N2G	428
6.5	27	-	155	49	64	1.1	22.489	GKR04-2M□□□071C32	E84DVB□1124S□1N2G	428
6.2	26	-	149	52	67	2.7	23.450	GKR05-2M□□□071C32	E84DVB□1124S□1N2G	428
5.8	24	-	139	55	72	1.1	25.185	GKR04-2M□□□071C32	E84DVB□1124S□1N2G	428
5.4	22	-	130	59	77	2.7	26.878	GKR05-2M□□□071C32	E84DVB□1124S□1N2G	428
5.0	21	-	121	64	83	0.9	28.963	GKR04-2M□□□071C32	E84DVB□1124S□1N2G	428
4.8	20	-	114	67	87	2.4	30.522	GKR05-2M□□□071C32	E84DVB□1124S□1N2G	428
4.6	19	-	111	69	90	3.4	31.481	GKR06-2M□□□071C32	E84DVB□1124S□1N2G	428
4.4	18	-	104	73	96	2.2	33.433	GKR05-2M□□□071C32	E84DVB□1124S□1N2G	428
3.8	16	-	92	83	109	1.9	37.967	GKR05-2M□□□071C32	E84DVB□1124S□1N2G	428
3.4	14	-	81	95	124	1.8	43.267	GKR05-2M□□□071C32	E84DVB□1124S□1N2G	428
3.0	12	-	71	108	141	1.6	49.133	GKR05-2M□□□071C32	E84DVB□1124S□1N2G	428
2.9	12	-	71	109	141	2.8	49.444	GKR06-2M□□□071C32	E84DVB□1124S□1N2G	428
2.8	11	-	67	115	150	1.5	52.510	GKR05-2M□□□071C32	E84DVB□1124S□1N2G	428
2.7	11	-	64	120	156	2.7	54.513	GKR06-2M□□□071C32	E84DVB□1124S□1N2G	428
2.4	10	-	59	131	171	1.3	59.630	GKR05-2M□□□071C32	E84DVB□1124S□1N2G	428
2.3	9.6	-	56	137	179	1.6	62.500	GKR06-2M□□□071C32	E84DVB□1124S□1N2G	428
2.1	8.7	-	51	151	197	1.6	68.906	GKR06-2M□□□071C32	E84DVB□1124S□1N2G	428





120 Hz: P_N = 1.50 kW

n_{22} / n_2 = 1 ... 24.0

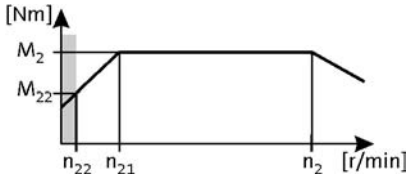
n_1 = 143.8 ... 3450 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
23	96	-	551	19	25	3.1	6.257	GKR05-2M□□□071C42	E84DVB□1524S□1N2G	428
16	66	-	379	27	36	1.8	9.101	GKR04-2M□□□071C42	E84DVB□1524S□1N2G	428
14	57	-	330	31	41	1.6	10.466	GKR04-2M□□□071C42	E84DVB□1524S□1N2G	428
13	52	-	301	34	45	1.5	11.449	GKR04-2M□□□071C42	E84DVB□1524S□1N2G	428
12	50	-	286	36	48	3.1	12.081	GKR05-2M□□□071C42	E84DVB□1524S□1N2G	428
11	47	-	272	38	50	1.4	12.698	GKR04-2M□□□071C42	E84DVB□1524S□1N2G	428
11	45	-	261	40	52	3.1	13.216	GKR05-2M□□□071C42	E84DVB□1524S□1N2G	428
11	44	-	252	41	54	3.0	13.719	GKR05-2M□□□071C42	E84DVB□1524S□1N2G	428
9.8	41	-	236	44	58	1.2	14.603	GKR04-2M□□□071C42	E84DVB□1524S□1N2G	428
9.6	40	-	230	45	59	2.9	15.008	GKR05-2M□□□071C42	E84DVB□1524S□1N2G	428
9.2	39	-	222	47	61	1.1	15.556	GKR04-2M□□□071C42	E84DVB□1524S□1N2G	428
9.1	38	-	217	48	63	3.1	15.873	GKR06-2M□□□071C42	E84DVB□1524S□1N2G	428
8.5	36	-	205	51	67	2.7	16.857	GKR05-2M□□□071C42	E84DVB□1524S□1N2G	428
8.2	34	-	197	52	69	3.1	17.500	GKR06-2M□□□071C42	E84DVB□1524S□1N2G	428
8.0	34	-	193	54	71	1.0	17.889	GKR04-2M□□□071C42	E84DVB□1524S□1N2G	428
7.5	31	-	180	57	76	2.4	19.143	GKR05-2M□□□071C42	E84DVB□1524S□1N2G	428
7.0	29	-	167	62	82	2.2	20.650	GKR05-2M□□□071C42	E84DVB□1524S□1N2G	428
6.1	26	-	147	70	93	2.0	23.450	GKR05-2M□□□071C42	E84DVB□1524S□1N2G	428
5.7	24	-	136	76	100	2.9	25.309	GKR06-2M□□□071C42	E84DVB□1524S□1N2G	428
5.4	22	-	128	81	106	1.9	26.878	GKR05-2M□□□071C42	E84DVB□1524S□1N2G	428
5.2	22	-	124	84	110	2.9	27.903	GKR06-2M□□□071C42	E84DVB□1524S□1N2G	428
4.7	20	-	113	91	120	1.7	30.522	GKR05-2M□□□071C42	E84DVB□1524S□1N2G	428
4.6	19	-	110	94	124	2.4	31.481	GKR06-2M□□□071C42	E84DVB□1524S□1N2G	428
4.3	18	-	103	100	132	1.6	33.433	GKR05-2M□□□071C42	E84DVB□1524S□1N2G	428
4.1	17	-	99	104	137	2.4	34.708	GKR06-2M□□□071C42	E84DVB□1524S□1N2G	428
3.8	16	-	91	114	150	1.4	37.967	GKR05-2M□□□071C42	E84DVB□1524S□1N2G	428
3.5	15	-	85	122	161	2.5	40.741	GKR06-2M□□□071C42	E84DVB□1524S□1N2G	428
3.3	14	-	80	130	171	1.3	43.267	GKR05-2M□□□071C42	E84DVB□1524S□1N2G	428
3.2	13	-	77	135	177	2.4	44.917	GKR06-2M□□□071C42	E84DVB□1524S□1N2G	428
2.9	12	-	70	147	194	1.2	49.133	GKR05-2M□□□071C42	E84DVB□1524S□1N2G	428
2.9	12	-	70	148	195	2.0	49.444	GKR06-2M□□□071C42	E84DVB□1524S□1N2G	428
2.7	11	-	66	157	207	1.1	52.510	GKR05-2M□□□071C42	E84DVB□1524S□1N2G	428
2.6	11	-	63	163	215	2.0	54.513	GKR06-2M□□□071C42	E84DVB□1524S□1N2G	428
2.4	10	-	58	179	235	1.0	59.630	GKR05-2M□□□071C42	E84DVB□1524S□1N2G	428
2.3	9.6	-	55	187	247	1.2	62.500	GKR06-2M□□□071C42	E84DVB□1524S□1N2G	428
2.1	8.7	-	50	206	272	1.2	68.906	GKR06-2M□□□071C42	E84DVB□1524S□1N2G	428

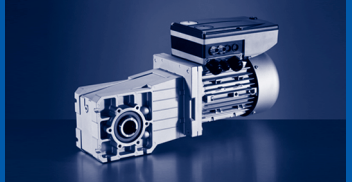
120 Hz: P_N = 2.20 kW

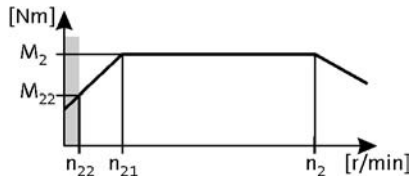
n_{22} / n_2 = 1 ... 24.0

n_1 = 145.8 ... 3500 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
23	96	-	559	27	36	3.3	6.257	GKR05-2M□□□080C32	E84DVB□2224S□1N2G	428
16	66	-	385	39	52	1.2	9.101	GKR04-2M□□□080C32	E84DVB□2224S□1N2G	428
14	57	-	334	45	60	1.1	10.466	GKR04-2M□□□080C32	E84DVB□2224S□1N2G	428
13	52	-	306	49	65	1.0	11.449	GKR04-2M□□□080C32	E84DVB□2224S□1N2G	428
12	50	-	290	52	69	2.3	12.081	GKR05-2M□□□080C32	E84DVB□2224S□1N2G	428
12	47	-	276	54	72	0.9	12.698	GKR04-2M□□□080C32	E84DVB□2224S□1N2G	428
11	45	-	265	57	75	2.1	13.216	GKR05-2M□□□080C32	E84DVB□2224S□1N2G	428
11	44	-	255	59	78	2.1	13.719	GKR05-2M□□□080C32	E84DVB□2224S□1N2G	428
9.7	40	-	233	64	86	2.0	15.008	GKR05-2M□□□080C32	E84DVB□2224S□1N2G	428
8.7	36	-	208	72	96	1.9	16.857	GKR05-2M□□□080C32	E84DVB□2224S□1N2G	428
7.6	31	-	183	82	109	1.7	19.143	GKR05-2M□□□080C32	E84DVB□2224S□1N2G	428
7.5	31	-	180	83	111	3.1	19.444	GKR06-2M□□□080C32	E84DVB□2224S□1N2G	428
7.1	29	-	170	88	118	1.5	20.650	GKR05-2M□□□080C32	E84DVB□2224S□1N2G	428
6.8	28	-	163	92	122	2.8	21.438	GKR06-2M□□□080C32	E84DVB□2224S□1N2G	428
6.2	26	-	149	100	134	1.4	23.450	GKR05-2M□□□080C32	E84DVB□2224S□1N2G	428
5.8	24	-	138	108	144	2.7	25.309	GKR06-2M□□□080C32	E84DVB□2224S□1N2G	428
5.4	22	-	130	115	153	1.3	26.878	GKR05-2M□□□080C32	E84DVB□2224S□1N2G	428
5.2	22	-	125	119	159	2.4	27.903	GKR06-2M□□□080C32	E84DVB□2224S□1N2G	428
4.8	20	-	115	131	174	1.2	30.522	GKR05-2M□□□080C32	E84DVB□2224S□1N2G	428
4.6	19	-	111	135	180	2.1	31.481	GKR06-2M□□□080C32	E84DVB□2224S□1N2G	428
4.4	18	-	105	143	191	1.1	33.433	GKR05-2M□□□080C32	E84DVB□2224S□1N2G	428
4.2	17	-	101	148	198	1.9	34.708	GKR06-2M□□□080C32	E84DVB□2224S□1N2G	428
3.8	16	-	92	162	217	0.9	37.967	GKR05-2M□□□080C32	E84DVB□2224S□1N2G	428
3.6	15	-	86	174	232	1.8	40.741	GKR06-2M□□□080C32	E84DVB□2224S□1N2G	428
3.3	13	-	78	192	256	1.7	44.917	GKR06-2M□□□080C32	E84DVB□2224S□1N2G	428
3.0	12	-	71	211	282	1.5	49.444	GKR06-2M□□□080C32	E84DVB□2224S□1N2G	428
2.7	11	-	64	233	311	1.4	54.513	GKR06-2M□□□080C32	E84DVB□2224S□1N2G	428





120 Hz: P_N = 3.00 kW

n_{22} / n_2 = 1 ... 24.0

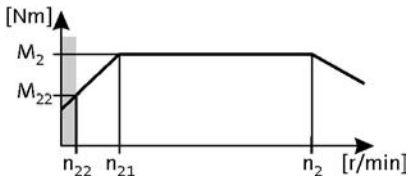
n_1 = 145.0 ... 3480 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
24	149	-	578	35	47	3.1	6.022	GKR06-2M□□□080C42	E84DVB□3024S□1N2G	428
23	144	-	556	37	49	2.4	6.257	GKR05-2M□□□080C42	E84DVB□3024S□1N2G	428
13	79	-	306	67	89	3.1	11.376	GKR06-2M□□□080C42	E84DVB□3024S□1N2G	428
12	75	-	288	71	95	1.7	12.081	GKR05-2M□□□080C42	E84DVB□3024S□1N2G	428
12	72	-	280	73	97	3.1	12.444	GKR06-2M□□□080C42	E84DVB□3024S□1N2G	428
11	68	-	263	78	103	1.6	13.216	GKR05-2M□□□080C42	E84DVB□3024S□1N2G	428
11	66	-	254	81	107	1.5	13.719	GKR05-2M□□□080C42	E84DVB□3024S□1N2G	428
11	66	-	254	81	107	3.0	13.720	GKR06-2M□□□080C42	E84DVB□3024S□1N2G	428
9.7	60	-	232	88	117	1.4	15.008	GKR05-2M□□□080C42	E84DVB□3024S□1N2G	428
9.1	57	-	219	93	124	2.7	15.873	GKR06-2M□□□080C42	E84DVB□3024S□1N2G	428
8.6	53	-	206	99	132	1.4	16.857	GKR05-2M□□□080C42	E84DVB□3024S□1N2G	428
8.3	51	-	199	103	137	2.5	17.500	GKR06-2M□□□080C42	E84DVB□3024S□1N2G	428
7.6	47	-	182	112	150	1.2	19.143	GKR05-2M□□□080C42	E84DVB□3024S□1N2G	428
7.5	46	-	179	114	152	2.2	19.444	GKR06-2M□□□080C42	E84DVB□3024S□1N2G	428
7.0	44	-	169	121	162	1.1	20.650	GKR05-2M□□□080C42	E84DVB□3024S□1N2G	428
6.8	42	-	162	126	168	2.0	21.438	GKR06-2M□□□080C42	E84DVB□3024S□1N2G	428
6.2	38	-	148	138	183	1.0	23.450	GKR05-2M□□□080C42	E84DVB□3024S□1N2G	428
5.7	36	-	138	149	198	2.0	25.309	GKR06-2M□□□080C42	E84DVB□3024S□1N2G	428
5.4	34	-	130	158	210	1.0	26.878	GKR05-2M□□□080C42	E84DVB□3024S□1N2G	428
5.2	32	-	125	164	218	1.8	27.903	GKR06-2M□□□080C42	E84DVB□3024S□1N2G	428
4.6	29	-	111	185	246	1.6	31.481	GKR06-2M□□□080C42	E84DVB□3024S□1N2G	428
4.2	26	-	100	204	272	1.4	34.708	GKR06-2M□□□080C42	E84DVB□3024S□1N2G	428
3.6	22	-	85	239	319	1.3	40.741	GKR06-2M□□□080C42	E84DVB□3024S□1N2G	428
3.2	20	-	78	264	351	1.2	44.917	GKR06-2M□□□080C42	E84DVB□3024S□1N2G	428
2.9	18	-	70	290	387	1.1	49.444	GKR06-2M□□□080C42	E84DVB□3024S□1N2G	428
2.7	17	-	64	320	426	1.0	54.513	GKR06-2M□□□080C42	E84DVB□3024S□1N2G	428

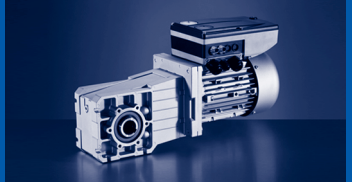
50 Hz: P_N = 0.75 kW

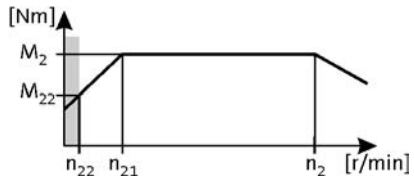
n_{22} / n_2 = 1 ... 10.0

n_1 = 141.0 ... 1410 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
27	116	-	272	19	25	2.8	5.185	GKR04-2M □□□080C32	E84DVB□7514S□1N2G	436
24	101	-	237	22	29	2.5	5.963	GKR04-2M □□□080C32	E84DVB□7514S□1N2G	436
23	96	-	225	23	30	4.1	6.257	GKR05-2M □□□080C32	E84DVB□7514S□1N2G	436
20	84	-	198	26	34	2.3	7.111	GKR04-2M □□□080C32	E84DVB□7514S□1N2G	436
17	73	-	172	30	40	2.1	8.178	GKR04-2M □□□080C32	E84DVB□7514S□1N2G	436
16	66	-	155	34	44	1.9	9.101	GKR04-2M □□□080C32	E84DVB□7514S□1N2G	436
14	57	-	135	39	51	1.8	10.466	GKR04-2M □□□080C32	E84DVB□7514S□1N2G	436
12	52	-	123	43	55	1.6	11.449	GKR04-2M □□□080C32	E84DVB□7514S□1N2G	436
11	47	-	111	47	61	1.5	12.698	GKR04-2M □□□080C32	E84DVB□7514S□1N2G	436
11	45	-	107	49	64	3.4	13.216	GKR05-2M □□□080C32	E84DVB□7514S□1N2G	436
9.7	41	-	97	54	71	1.3	14.603	GKR04-2M □□□080C32	E84DVB□7514S□1N2G	436
9.4	40	-	94	56	72	3.1	15.008	GKR05-2M □□□080C32	E84DVB□7514S□1N2G	436
9.1	39	-	91	58	75	1.2	15.556	GKR04-2M □□□080C32	E84DVB□7514S□1N2G	436
8.4	36	-	84	63	81	3.0	16.857	GKR05-2M □□□080C32	E84DVB□7514S□1N2G	436
7.9	34	-	79	67	86	1.0	17.889	GKR04-2M □□□080C32	E84DVB□7514S□1N2G	436
7.4	31	-	74	71	92	2.6	19.143	GKR05-2M □□□080C32	E84DVB□7514S□1N2G	436
7.2	31	-	72	73	94	1.0	19.556	GKR04-2M □□□080C32	E84DVB□7514S□1N2G	436
6.8	29	-	68	77	100	2.4	20.650	GKR05-2M □□□080C32	E84DVB□7514S□1N2G	436
6.3	27	-	63	84	109	0.8	22.489	GKR04-2M □□□080C32	E84DVB□7514S□1N2G	436
6.0	26	-	60	87	113	2.1	23.450	GKR05-2M □□□080C32	E84DVB□7514S□1N2G	436
5.3	22	-	53	101	130	1.9	26.878	GKR05-2M □□□080C32	E84DVB□7514S□1N2G	436
5.1	22	-	51	104	135	3.3	27.903	GKR06-2M □□□080C32	E84DVB□7514S□1N2G	436
4.6	20	-	46	113	147	1.6	30.522	GKR05-2M □□□080C32	E84DVB□7514S□1N2G	436
4.5	19	-	45	117	152	2.9	31.481	GKR06-2M □□□080C32	E84DVB□7514S□1N2G	436
4.2	18	-	42	124	161	1.5	33.433	GKR05-2M □□□080C32	E84DVB□7514S□1N2G	436
4.1	17	-	41	129	168	2.7	34.708	GKR06-2M □□□080C32	E84DVB□7514S□1N2G	436
3.7	16	-	37	141	183	1.3	37.967	GKR05-2M □□□080C32	E84DVB□7514S□1N2G	436
3.5	15	-	35	151	197	2.3	40.741	GKR06-2M □□□080C32	E84DVB□7514S□1N2G	436
3.3	14	-	33	161	209	1.2	43.267	GKR05-2M □□□080C32	E84DVB□7514S□1N2G	436
3.1	13	-	31	167	217	2.1	44.917	GKR06-2M □□□080C32	E84DVB□7514S□1N2G	436
2.9	12	-	29	183	237	1.0	49.133	GKR05-2M □□□080C32	E84DVB□7514S□1N2G	436
2.9	12	-	29	184	239	1.9	49.444	GKR06-2M □□□080C32	E84DVB□7514S□1N2G	436
2.7	11	-	27	195	253	1.0	52.510	GKR05-2M □□□080C32	E84DVB□7514S□1N2G	436
2.4	10	-	24	222	288	0.8	59.630	GKR05-2M □□□080C32	E84DVB□7514S□1N2G	436
2.3	9.6	-	23	232	302	1.3	62.500	GKR06-2M □□□080C32	E84DVB□7514S□1N2G	436
2.1	8.7	-	21	256	333	1.3	68.906	GKR06-2M □□□080C32	E84DVB□7514S□1N2G	436





50 Hz: P_N = 1.10 kW

n_{22} / n_2 = 1 ... 10.0

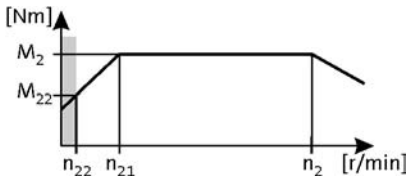
n_1 = 143.0 ... 1430 r/min

n_{22}	n_{21}		n_2	M_{22}	M_2	c	i			
[r/min]	[r/min]		[r/min]	[Nm]	[Nm]					
40	168	-	401	17	25	5.5	3.565	GKR05-2M □□□090C12	E84DVB□1124S□1N2G	436
28	116	-	276	25	36	1.9	5.185	GKR04-2M □□□090C12	E84DVB□1124S□1N2G	436
24	101	-	240	29	42	1.7	5.963	GKR04-2M □□□090C12	E84DVB□1124S□1N2G	436
23	96	-	229	31	44	3.6	6.257	GKR05-2M □□□090C12	E84DVB□1124S□1N2G	436
20	84	-	201	35	50	1.6	7.111	GKR04-2M □□□090C12	E84DVB□1124S□1N2G	436
18	73	-	175	40	57	1.4	8.178	GKR04-2M □□□090C12	E84DVB□1124S□1N2G	436
16	66	-	157	45	64	1.3	9.101	GKR04-2M □□□090C12	E84DVB□1124S□1N2G	436
15	64	-	152	46	66	2.9	9.440	GKR05-2M □□□090C12	E84DVB□1124S□1N2G	436
14	57	-	137	51	73	1.2	10.466	GKR04-2M □□□090C12	E84DVB□1124S□1N2G	436
13	56	-	133	52	75	2.7	10.720	GKR05-2M □□□090C12	E84DVB□1124S□1N2G	436
13	52	-	125	56	80	1.1	11.449	GKR04-2M □□□090C12	E84DVB□1124S□1N2G	436
12	50	-	118	59	84	2.5	12.081	GKR05-2M □□□090C12	E84DVB□1124S□1N2G	436
11	47	-	113	62	89	1.0	12.698	GKR04-2M □□□090C12	E84DVB□1124S□1N2G	436
11	45	-	108	65	92	2.3	13.216	GKR05-2M □□□090C12	E84DVB□1124S□1N2G	436
10	44	-	104	67	96	2.3	13.719	GKR05-2M □□□090C12	E84DVB□1124S□1N2G	436
9.8	41	-	98	71	102	0.9	14.603	GKR04-2M □□□090C12	E84DVB□1124S□1N2G	436
9.5	40	-	95	73	105	2.1	15.008	GKR05-2M □□□090C12	E84DVB□1124S□1N2G	436
9.2	39	-	92	76	109	0.8	15.556	GKR04-2M □□□090C12	E84DVB□1124S□1N2G	436
8.5	36	-	85	82	118	2.0	16.857	GKR05-2M □□□090C12	E84DVB□1124S□1N2G	436
7.5	31	-	75	94	134	1.8	19.143	GKR05-2M □□□090C12	E84DVB□1124S□1N2G	436
6.9	29	-	69	101	144	1.7	20.650	GKR05-2M □□□090C12	E84DVB□1124S□1N2G	436
6.7	28	-	67	105	150	3.0	21.438	GKR06-2M □□□090C12	E84DVB□1124S□1N2G	436
6.1	26	-	61	115	164	1.5	23.450	GKR05-2M □□□090C12	E84DVB□1124S□1N2G	436
5.7	24	-	57	124	177	2.6	25.309	GKR06-2M □□□090C12	E84DVB□1124S□1N2G	436
5.3	22	-	53	131	188	1.3	26.878	GKR05-2M □□□090C12	E84DVB□1124S□1N2G	436
5.1	22	-	51	136	195	2.3	27.903	GKR06-2M □□□090C12	E84DVB□1124S□1N2G	436
4.7	20	-	47	149	213	1.1	30.522	GKR05-2M □□□090C12	E84DVB□1124S□1N2G	436
4.5	19	-	45	154	220	2.1	31.481	GKR06-2M □□□090C12	E84DVB□1124S□1N2G	436
4.3	18	-	43	163	233	1.0	33.433	GKR05-2M □□□090C12	E84DVB□1124S□1N2G	436
4.1	17	-	41	170	242	1.9	34.708	GKR06-2M □□□090C12	E84DVB□1124S□1N2G	436
3.8	16	-	38	186	265	0.9	37.967	GKR05-2M □□□090C12	E84DVB□1124S□1N2G	436
3.5	15	-	35	199	284	1.6	40.741	GKR06-2M □□□090C12	E84DVB□1124S□1N2G	436
3.2	13	-	32	219	314	1.4	44.917	GKR06-2M □□□090C12	E84DVB□1124S□1N2G	436
2.9	12	-	29	242	345	1.3	49.444	GKR06-2M □□□090C12	E84DVB□1124S□1N2G	436

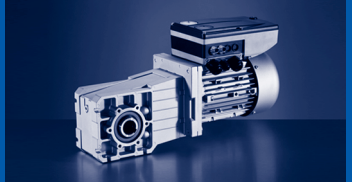
50 Hz: P_N = 1.50 kW

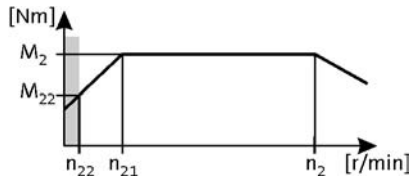
n_{22} / n_2 = 1 ... 10.0

n_1 = 143.5 ... 1435 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
40	168	-	403	24	34	4.1	3.565	GKR05-2M □□□090C32	E84DVB□1524S□1N2G	436
29	123	-	294	33	46	3.2	4.889	GKR05-2M □□□090C32	E84DVB□1524S□1N2G	436
28	116	-	277	34	49	1.4	5.185	GKR04-2M □□□090C32	E84DVB□1524S□1N2G	436
24	101	-	241	40	57	1.3	5.963	GKR04-2M □□□090C32	E84DVB□1524S□1N2G	436
23	96	-	229	42	59	2.6	6.257	GKR05-2M □□□090C32	E84DVB□1524S□1N2G	436
21	87	-	209	46	65	2.8	6.883	GKR05-2M □□□090C32	E84DVB□1524S□1N2G	436
20	84	-	202	47	67	1.2	7.111	GKR04-2M □□□090C32	E84DVB□1524S□1N2G	436
18	77	-	184	52	74	2.5	7.817	GKR05-2M □□□090C32	E84DVB□1524S□1N2G	436
18	73	-	176	54	78	1.1	8.178	GKR04-2M □□□090C32	E84DVB□1524S□1N2G	436
16	66	-	158	60	86	1.0	9.101	GKR04-2M □□□090C32	E84DVB□1524S□1N2G	436
15	64	-	152	63	90	2.1	9.440	GKR05-2M □□□090C32	E84DVB□1524S□1N2G	436
14	57	-	137	70	99	0.9	10.466	GKR04-2M □□□090C32	E84DVB□1524S□1N2G	436
13	56	-	134	71	102	2.0	10.720	GKR05-2M □□□090C32	E84DVB□1524S□1N2G	436
13	52	-	125	76	109	0.8	11.449	GKR04-2M □□□090C32	E84DVB□1524S□1N2G	436
12	50	-	119	80	115	1.8	12.081	GKR05-2M □□□090C32	E84DVB□1524S□1N2G	436
11	45	-	109	88	125	1.7	13.216	GKR05-2M □□□090C32	E84DVB□1524S□1N2G	436
11	44	-	105	91	130	1.7	13.719	GKR05-2M □□□090C32	E84DVB□1524S□1N2G	436
9.6	40	-	96	100	142	1.6	15.008	GKR05-2M □□□090C32	E84DVB□1524S□1N2G	436
9.0	38	-	90	105	151	3.0	15.873	GKR06-2M □□□090C32	E84DVB□1524S□1N2G	436
8.5	36	-	85	112	160	1.5	16.857	GKR05-2M □□□090C32	E84DVB□1524S□1N2G	436
8.2	34	-	82	116	166	2.7	17.500	GKR06-2M □□□090C32	E84DVB□1524S□1N2G	436
7.5	31	-	75	127	182	1.3	19.143	GKR05-2M □□□090C32	E84DVB□1524S□1N2G	436
7.4	31	-	74	129	184	2.4	19.444	GKR06-2M □□□090C32	E84DVB□1524S□1N2G	436
7.0	29	-	70	137	196	1.2	20.650	GKR05-2M □□□090C32	E84DVB□1524S□1N2G	436
6.7	28	-	67	142	203	2.2	21.438	GKR06-2M □□□090C32	E84DVB□1524S□1N2G	436
6.1	26	-	61	156	222	1.1	23.450	GKR05-2M □□□090C32	E84DVB□1524S□1N2G	436
5.7	24	-	57	168	240	1.9	25.309	GKR06-2M □□□090C32	E84DVB□1524S□1N2G	436
5.3	22	-	53	178	255	0.9	26.878	GKR05-2M □□□090C32	E84DVB□1524S□1N2G	436
5.1	22	-	51	185	265	1.7	27.903	GKR06-2M □□□090C32	E84DVB□1524S□1N2G	436
4.7	20	-	47	203	289	0.8	30.522	GKR05-2M □□□090C32	E84DVB□1524S□1N2G	436
4.6	19	-	46	209	299	1.5	31.481	GKR06-2M □□□090C32	E84DVB□1524S□1N2G	436
4.1	17	-	41	230	329	1.4	34.708	GKR06-2M □□□090C32	E84DVB□1524S□1N2G	436
3.5	15	-	35	271	386	1.2	40.741	GKR06-2M □□□090C32	E84DVB□1524S□1N2G	436
3.2	13	-	32	298	426	1.1	44.917	GKR06-2M □□□090C32	E84DVB□1524S□1N2G	436
2.9	12	-	29	328	469	1.0	49.444	GKR06-2M □□□090C32	E84DVB□1524S□1N2G	436





50 Hz: P_N = 2.20 kW

n_{22} / n_2 = 1 ... 10.0

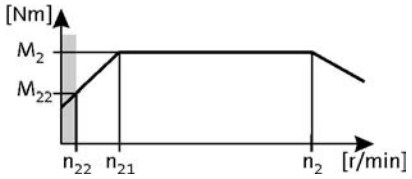
n_1 = 144.5 ... 1445 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
41	168	-	405	34	49	2.8	3.565	GKR05-2M □□□100C12	E84DVB□2224S□1N2G	436
30	123	-	296	47	68	2.2	4.889	GKR05-2M □□□100C12	E84DVB□2224S□1N2G	436
23	96	-	231	60	86	1.8	6.257	GKR05-2M □□□100C12	E84DVB□2224S□1N2G	436
21	87	-	210	66	95	1.9	6.883	GKR05-2M □□□100C12	E84DVB□2224S□1N2G	436
19	77	-	185	75	108	1.7	7.817	GKR05-2M □□□100C12	E84DVB□2224S□1N2G	436
15	64	-	153	91	130	1.5	9.440	GKR05-2M □□□100C12	E84DVB□2224S□1N2G	436
15	61	-	147	95	135	2.8	9.800	GKR06-2M □□□100C12	E84DVB□2224S□1N2G	436
14	56	-	135	103	148	1.4	10.720	GKR05-2M □□□100C12	E84DVB□2224S□1N2G	436
13	53	-	127	110	157	2.8	11.376	GKR06-2M □□□100C12	E84DVB□2224S□1N2G	436
12	50	-	120	117	167	1.3	12.081	GKR05-2M □□□100C12	E84DVB□2224S□1N2G	436
12	48	-	116	120	172	2.6	12.444	GKR06-2M □□□100C12	E84DVB□2224S□1N2G	436
11	45	-	109	127	183	1.2	13.216	GKR05-2M □□□100C12	E84DVB□2224S□1N2G	436
11	44	-	105	132	190	1.1	13.719	GKR05-2M □□□100C12	E84DVB□2224S□1N2G	436
11	44	-	105	132	190	2.3	13.720	GKR06-2M □□□100C12	E84DVB□2224S□1N2G	436
9.6	40	-	96	145	207	1.1	15.008	GKR05-2M □□□100C12	E84DVB□2224S□1N2G	436
9.1	38	-	91	153	219	2.1	15.873	GKR06-2M □□□100C12	E84DVB□2224S□1N2G	436
8.6	36	-	86	163	233	1.0	16.857	GKR05-2M □□□100C12	E84DVB□2224S□1N2G	436
8.3	34	-	83	169	242	1.9	17.500	GKR06-2M □□□100C12	E84DVB□2224S□1N2G	436
7.6	31	-	76	185	264	0.9	19.143	GKR05-2M □□□100C12	E84DVB□2224S□1N2G	436
7.4	31	-	74	188	269	1.7	19.444	GKR06-2M □□□100C12	E84DVB□2224S□1N2G	436
7.0	29	-	70	199	285	0.8	20.650	GKR05-2M □□□100C12	E84DVB□2224S□1N2G	436
6.7	28	-	67	207	296	1.5	21.438	GKR06-2M □□□100C12	E84DVB□2224S□1N2G	436
5.7	24	-	57	244	350	1.3	25.309	GKR06-2M □□□100C12	E84DVB□2224S□1N2G	436
5.2	22	-	52	269	385	1.2	27.903	GKR06-2M □□□100C12	E84DVB□2224S□1N2G	436
4.6	19	-	46	304	435	1.0	31.481	GKR06-2M □□□100C12	E84DVB□2224S□1N2G	436
4.2	17	-	42	335	479	0.9	34.708	GKR06-2M □□□100C12	E84DVB□2224S□1N2G	436

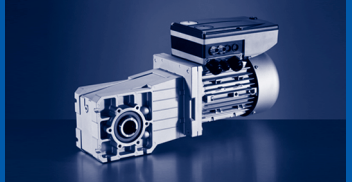
50 Hz: P_N = 3.00 kW

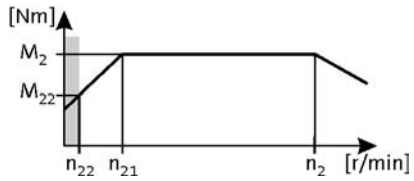
n_{22} / n_2 = 1 ... 10.0

n_1 = 144.5 ... 1445 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
42	175	-	421	45	65	3.1	3.431	GKR06-2M □□□100C32	E84DVB□3024S□1N2G	436
41	168	-	405	47	67	2.1	3.565	GKR05-2M □□□100C32	E84DVB□3024S□1N2G	436
31	128	-	307	62	89	2.8	4.706	GKR06-2M □□□100C32	E84DVB□3024S□1N2G	436
30	123	-	296	64	92	1.6	4.889	GKR05-2M □□□100C32	E84DVB□3024S□1N2G	436
24	100	-	240	79	113	2.5	6.022	GKR06-2M □□□100C32	E84DVB□3024S□1N2G	436
23	96	-	231	82	118	1.3	6.257	GKR05-2M □□□100C32	E84DVB□3024S□1N2G	436
22	93	-	223	85	122	2.9	6.481	GKR06-2M □□□100C32	E84DVB□3024S□1N2G	436
21	87	-	210	91	130	1.4	6.883	GKR05-2M □□□100C32	E84DVB□3024S□1N2G	436
20	84	-	202	94	135	2.6	7.146	GKR06-2M □□□100C32	E84DVB□3024S□1N2G	436
19	77	-	185	103	147	1.3	7.817	GKR05-2M □□□100C32	E84DVB□3024S□1N2G	436
16	68	-	163	117	167	2.4	8.889	GKR06-2M □□□100C32	E84DVB□3024S□1N2G	436
15	64	-	153	124	178	1.1	9.440	GKR05-2M □□□100C32	E84DVB□3024S□1N2G	436
15	61	-	147	129	185	2.1	9.800	GKR06-2M □□□100C32	E84DVB□3024S□1N2G	436
14	56	-	135	141	202	1.0	10.720	GKR05-2M □□□100C32	E84DVB□3024S□1N2G	436
13	53	-	127	150	214	2.0	11.376	GKR06-2M □□□100C32	E84DVB□3024S□1N2G	436
12	50	-	120	159	228	0.9	12.081	GKR05-2M □□□100C32	E84DVB□3024S□1N2G	436
12	48	-	116	164	234	1.9	12.444	GKR06-2M □□□100C32	E84DVB□3024S□1N2G	436
11	45	-	109	174	249	0.9	13.216	GKR05-2M □□□100C32	E84DVB□3024S□1N2G	436
11	44	-	105	181	258	0.8	13.719	GKR05-2M □□□100C32	E84DVB□3024S□1N2G	436
11	44	-	105	181	258	1.7	13.720	GKR06-2M □□□100C32	E84DVB□3024S□1N2G	436
9.1	38	-	91	209	299	1.5	15.873	GKR06-2M □□□100C32	E84DVB□3024S□1N2G	436
8.3	34	-	83	230	330	1.4	17.500	GKR06-2M □□□100C32	E84DVB□3024S□1N2G	436
7.4	31	-	74	256	366	1.2	19.444	GKR06-2M □□□100C32	E84DVB□3024S□1N2G	436
6.7	28	-	67	282	404	1.1	21.438	GKR06-2M □□□100C32	E84DVB□3024S□1N2G	436
5.7	24	-	57	333	477	0.9	25.309	GKR06-2M □□□100C32	E84DVB□3024S□1N2G	436
5.2	22	-	52	367	526	0.9	27.903	GKR06-2M □□□100C32	E84DVB□3024S□1N2G	436





87 Hz: P_N = 1.35 kW

n_{22} / n_2 = 1 ... 17.4

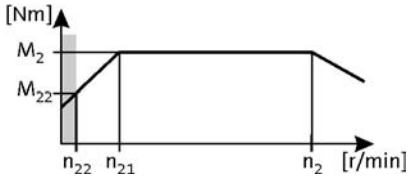
n_1 = 144.8 ... 2520 r/min

n_{22}	n_{21}		n_2	M_{22}	M_2	c	i			
[r/min]	[r/min]		[r/min]	[Nm]	[Nm]					
28	116	-	486	19	25	2.3	5.185	GKR04-2M □□□080C32	E84DVB□1524S□1N2G	436
24	101	-	423	22	29	2.1	5.963	GKR04-2M □□□080C32	E84DVB□1524S□1N2G	436
23	96	-	403	23	30	3.5	6.257	GKR05-2M □□□080C32	E84DVB□1524S□1N2G	436
20	84	-	354	26	34	1.9	7.111	GKR04-2M □□□080C32	E84DVB□1524S□1N2G	436
18	73	-	308	30	40	1.7	8.178	GKR04-2M □□□080C32	E84DVB□1524S□1N2G	436
16	66	-	277	34	44	1.6	9.101	GKR04-2M □□□080C32	E84DVB□1524S□1N2G	436
14	57	-	241	39	51	1.5	10.466	GKR04-2M □□□080C32	E84DVB□1524S□1N2G	436
13	52	-	220	43	55	1.4	11.449	GKR04-2M □□□080C32	E84DVB□1524S□1N2G	436
11	47	-	198	47	61	1.2	12.698	GKR04-2M □□□080C32	E84DVB□1524S□1N2G	436
11	45	-	191	49	64	2.8	13.216	GKR05-2M □□□080C32	E84DVB□1524S□1N2G	436
9.9	41	-	173	54	71	1.1	14.603	GKR04-2M □□□080C32	E84DVB□1524S□1N2G	436
9.7	40	-	168	56	72	2.6	15.008	GKR05-2M □□□080C32	E84DVB□1524S□1N2G	436
9.3	39	-	162	58	75	1.0	15.556	GKR04-2M □□□080C32	E84DVB□1524S□1N2G	436
8.6	36	-	150	63	81	2.5	16.857	GKR05-2M □□□080C32	E84DVB□1524S□1N2G	436
8.1	34	-	141	67	86	0.9	17.889	GKR04-2M □□□080C32	E84DVB□1524S□1N2G	436
7.6	31	-	132	71	92	2.2	19.143	GKR05-2M □□□080C32	E84DVB□1524S□1N2G	436
		-	129	73	94	0.8	19.556	GKR04-2M □□□080C32	E84DVB□1524S□1N2G	436
7.0	29	-	122	77	100	2.0	20.650	GKR05-2M □□□080C32	E84DVB□1524S□1N2G	436
6.2	26	-	108	87	113	1.8	23.450	GKR05-2M □□□080C32	E84DVB□1524S□1N2G	436
5.4	22	-	94	101	130	1.8	26.878	GKR05-2M □□□080C32	E84DVB□1524S□1N2G	436
5.2	22	-	90	104	135	3.2	27.903	GKR06-2M □□□080C32	E84DVB□1524S□1N2G	436
4.7	20	-	83	113	147	1.6	30.522	GKR05-2M □□□080C32	E84DVB□1524S□1N2G	436
4.6	19	-	80	117	152	2.8	31.481	GKR06-2M □□□080C32	E84DVB□1524S□1N2G	436
4.3	18	-	75	124	161	1.4	33.433	GKR05-2M □□□080C32	E84DVB□1524S□1N2G	436
4.2	17	-	73	129	168	2.6	34.708	GKR06-2M □□□080C32	E84DVB□1524S□1N2G	436
3.8	16	-	66	141	183	1.3	37.967	GKR05-2M □□□080C32	E84DVB□1524S□1N2G	436
3.6	15	-	62	151	197	2.3	40.741	GKR06-2M □□□080C32	E84DVB□1524S□1N2G	436
3.4	14	-	58	161	209	1.2	43.267	GKR05-2M □□□080C32	E84DVB□1524S□1N2G	436
3.2	13	-	56	167	217	2.1	44.917	GKR06-2M □□□080C32	E84DVB□1524S□1N2G	436
3.0	12	-	51	183	237	1.0	49.133	GKR05-2M □□□080C32	E84DVB□1524S□1N2G	436
2.9	12	-	51	184	239	1.9	49.444	GKR06-2M □□□080C32	E84DVB□1524S□1N2G	436
2.8	11	-	48	195	253	1.0	52.510	GKR05-2M □□□080C32	E84DVB□1524S□1N2G	436
2.4	10	-	42	222	288	0.8	59.630	GKR05-2M □□□080C32	E84DVB□1524S□1N2G	436
2.3	9.6	-	40	232	302	1.3	62.500	GKR06-2M □□□080C32	E84DVB□1524S□1N2G	436
2.1	8.7	-	37	256	333	1.3	68.906	GKR06-2M □□□080C32	E84DVB□1524S□1N2G	436

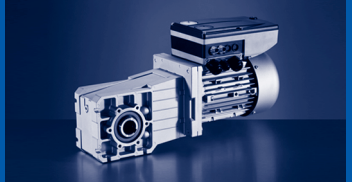
87 Hz: P_N = 2.00 kW

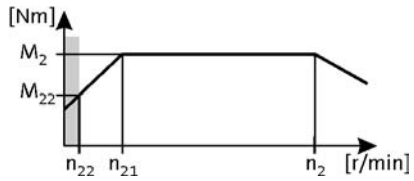
n_{22} / n_2 = 1 ... 17.4

n_1 = 146.0 ... 2540 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
41	168	-	713	17	25	4.7	3.565	GKR05-2M □□□090C12	E84DVB□2224S□1N2G	436
28	116	-	490	25	36	1.6	5.185	GKR04-2M □□□090C12	E84DVB□2224S□1N2G	436
25	101	-	426	29	42	1.5	5.963	GKR04-2M □□□090C12	E84DVB□2224S□1N2G	436
23	96	-	406	31	44	3.0	6.257	GKR05-2M □□□090C12	E84DVB□2224S□1N2G	436
21	84	-	357	35	50	1.3	7.111	GKR04-2M □□□090C12	E84DVB□2224S□1N2G	436
18	73	-	311	40	57	1.2	8.178	GKR04-2M □□□090C12	E84DVB□2224S□1N2G	436
16	66	-	279	45	64	1.1	9.101	GKR04-2M □□□090C12	E84DVB□2224S□1N2G	436
16	64	-	269	46	66	2.4	9.440	GKR05-2M □□□090C12	E84DVB□2224S□1N2G	436
14	57	-	243	51	73	1.0	10.466	GKR04-2M □□□090C12	E84DVB□2224S□1N2G	436
14	56	-	237	52	75	2.3	10.720	GKR05-2M □□□090C12	E84DVB□2224S□1N2G	436
13	52	-	222	56	80	1.0	11.449	GKR04-2M □□□090C12	E84DVB□2224S□1N2G	436
12	50	-	210	59	84	2.1	12.081	GKR05-2M □□□090C12	E84DVB□2224S□1N2G	436
12	47	-	200	62	89	0.9	12.698	GKR04-2M □□□090C12	E84DVB□2224S□1N2G	436
11	45	-	192	65	92	2.0	13.216	GKR05-2M □□□090C12	E84DVB□2224S□1N2G	436
11	44	-	185	67	96	1.9	13.719	GKR05-2M □□□090C12	E84DVB□2224S□1N2G	436
9.7	40	-	169	73	105	1.8	15.008	GKR05-2M □□□090C12	E84DVB□2224S□1N2G	436
8.7	36	-	151	82	118	1.7	16.857	GKR05-2M □□□090C12	E84DVB□2224S□1N2G	436
7.6	31	-	133	94	134	1.5	19.143	GKR05-2M □□□090C12	E84DVB□2224S□1N2G	436
7.1	29	-	123	101	144	1.4	20.650	GKR05-2M □□□090C12	E84DVB□2224S□1N2G	436
6.8	28	-	119	105	150	2.5	21.438	GKR06-2M □□□090C12	E84DVB□2224S□1N2G	436
6.2	26	-	108	115	164	1.2	23.450	GKR05-2M □□□090C12	E84DVB□2224S□1N2G	436
5.8	24	-	100	124	177	2.4	25.309	GKR06-2M □□□090C12	E84DVB□2224S□1N2G	436
5.4	22	-	95	131	188	1.2	26.878	GKR05-2M □□□090C12	E84DVB□2224S□1N2G	436
5.2	22	-	91	136	195	2.2	27.903	GKR06-2M □□□090C12	E84DVB□2224S□1N2G	436
4.8	20	-	83	149	213	1.1	30.522	GKR05-2M □□□090C12	E84DVB□2224S□1N2G	436
4.6	19	-	81	154	220	2.0	31.481	GKR06-2M □□□090C12	E84DVB□2224S□1N2G	436
4.4	18	-	76	163	233	1.0	33.433	GKR05-2M □□□090C12	E84DVB□2224S□1N2G	436
4.2	17	-	73	170	242	1.8	34.708	GKR06-2M □□□090C12	E84DVB□2224S□1N2G	436
3.8	16	-	67	186	265	0.9	37.967	GKR05-2M □□□090C12	E84DVB□2224S□1N2G	436
3.6	15	-	62	199	284	1.6	40.741	GKR06-2M □□□090C12	E84DVB□2224S□1N2G	436
3.3	13	-	57	219	314	1.4	44.917	GKR06-2M □□□090C12	E84DVB□2224S□1N2G	436
3.0	12	-	51	242	345	1.3	49.444	GKR06-2M □□□090C12	E84DVB□2224S□1N2G	436





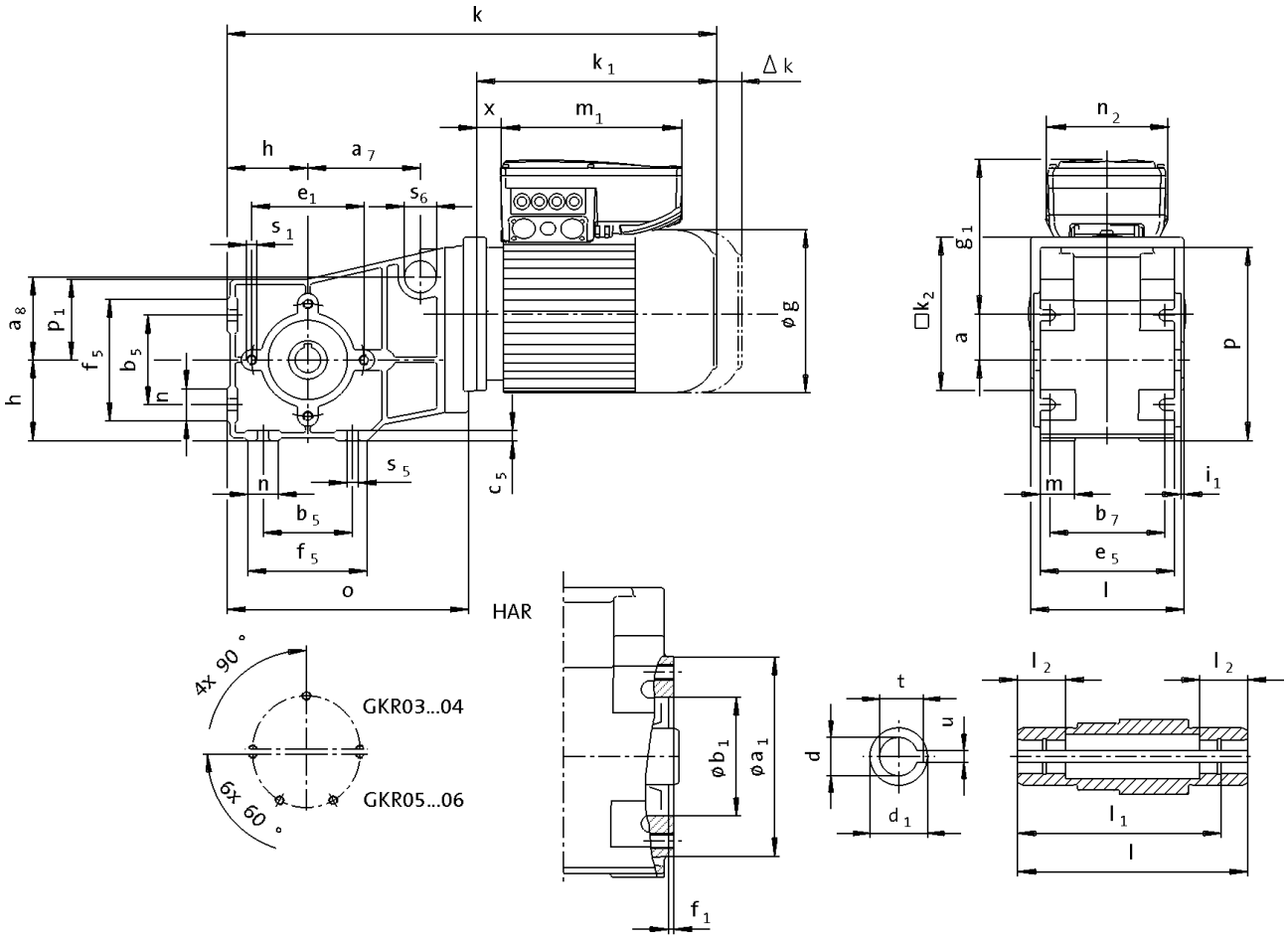
87 Hz: P_N = 2.70 kW

n_{22} / n_2 = 1 ... 17.4

n_1 = 146.3 ... 2545 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
41	168	-	714	24	34	3.4	3.565	GKR05-2M □□□090C32	E84DVB□3024S□1N2G	436
30	123	-	521	33	46	2.7	4.889	GKR05-2M □□□090C32	E84DVB□3024S□1N2G	436
28	116	-	491	34	49	1.2	5.185	GKR04-2M □□□090C32	E84DVB□3024S□1N2G	436
25	101	-	427	40	57	1.1	5.963	GKR04-2M □□□090C32	E84DVB□3024S□1N2G	436
23	96	-	407	42	59	2.2	6.257	GKR05-2M □□□090C32	E84DVB□3024S□1N2G	436
21	87	-	370	46	65	2.3	6.883	GKR05-2M □□□090C32	E84DVB□3024S□1N2G	436
21	84	-	358	47	67	1.0	7.111	GKR04-2M □□□090C32	E84DVB□3024S□1N2G	436
19	77	-	326	52	74	2.1	7.817	GKR05-2M □□□090C32	E84DVB□3024S□1N2G	436
18	73	-	311	54	78	0.9	8.178	GKR04-2M □□□090C32	E84DVB□3024S□1N2G	436
16	66	-	280	60	86	0.8	9.101	GKR04-2M □□□090C32	E84DVB□3024S□1N2G	436
16	64	-	270	63	90	1.8	9.440	GKR05-2M □□□090C32	E84DVB□3024S□1N2G	436
14	56	-	237	71	102	1.7	10.720	GKR05-2M □□□090C32	E84DVB□3024S□1N2G	436
12	50	-	211	80	115	1.5	12.081	GKR05-2M □□□090C32	E84DVB□3024S□1N2G	436
11	45	-	193	88	125	1.4	13.216	GKR05-2M □□□090C32	E84DVB□3024S□1N2G	436
11	44	-	186	91	130	1.4	13.719	GKR05-2M □□□090C32	E84DVB□3024S□1N2G	436
9.8	40	-	170	100	142	1.3	15.008	GKR05-2M □□□090C32	E84DVB□3024S□1N2G	436
9.2	38	-	160	105	151	2.5	15.873	GKR06-2M □□□090C32	E84DVB□3024S□1N2G	436
8.7	36	-	151	112	160	1.3	16.857	GKR05-2M □□□090C32	E84DVB□3024S□1N2G	436
8.4	34	-	145	116	166	2.3	17.500	GKR06-2M □□□090C32	E84DVB□3024S□1N2G	436
7.6	31	-	133	127	182	1.1	19.143	GKR05-2M □□□090C32	E84DVB□3024S□1N2G	436
7.5	31	-	131	129	184	2.1	19.444	GKR06-2M □□□090C32	E84DVB□3024S□1N2G	436
7.1	29	-	123	137	196	1.0	20.650	GKR05-2M □□□090C32	E84DVB□3024S□1N2G	436
6.8	28	-	119	142	203	1.9	21.438	GKR06-2M □□□090C32	E84DVB□3024S□1N2G	436
6.2	26	-	109	156	222	0.9	23.450	GKR05-2M □□□090C32	E84DVB□3024S□1N2G	436
5.8	24	-	101	168	240	1.8	25.309	GKR06-2M □□□090C32	E84DVB□3024S□1N2G	436
5.4	22	-	95	178	255	0.9	26.878	GKR05-2M □□□090C32	E84DVB□3024S□1N2G	436
5.2	22	-	91	185	265	1.6	27.903	GKR06-2M □□□090C32	E84DVB□3024S□1N2G	436
4.7	19	-	81	209	299	1.4	31.481	GKR06-2M □□□090C32	E84DVB□3024S□1N2G	436
4.2	17	-	73	230	329	1.3	34.708	GKR06-2M □□□090C32	E84DVB□3024S□1N2G	436
3.6	15	-	63	271	386	1.2	40.741	GKR06-2M □□□090C32	E84DVB□3024S□1N2G	436
3.3	13	-	57	298	426	1.1	44.917	GKR06-2M □□□090C32	E84DVB□3024S□1N2G	436
3.0	12	-	52	328	469	1.0	49.444	GKR06-2M □□□090C32	E84DVB□3024S□1N2G	436

GKR□□-2M H□R


k
k 1
Δ k
x
m 1
h
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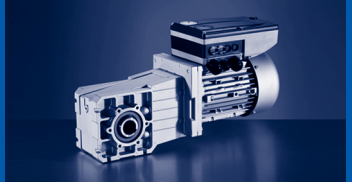
e 1
s 6
s 1
a 8
p 1
f 5
b 5
n
h
s 5
c 5
n
b 5
f 5
o
ø g
n 2
g 1
□k 2
a
p
m
i 1
b 7
e 5
l
HAR
4x 90 °
GKR03...04
6x 60 °
GKR05...06
ø b 1
ø a 1
f 1
t
u
d
d 1
l 2
l 2
l 1
l

5



		063C32	063C42	071C32 071C42	080C32	080C42	090C32	100C12 100C32
g		123		139	156		176	194
$g_{1, 50Hz}$				163	172		177	217
$g_{1, 87Hz}$		154		163	172	201	205.5	
k_1	MDEMAXX	187		207	224.5		248	309
k_2		120			145		180	
x_{50Hz}				21	25.5		28.8	29.6
x_{87Hz}		18.8		21	25.5	24.5	27.8	
$m_{1, 50Hz}$				241				260
$m_{1, 87Hz}$		241				260		
$n_{2, 50Hz}$				161				176
$n_{2, 87Hz}$		161				176		
Δ k	MDEMABR	40		52	73		68	76
	MDFMAXX	128						109
	MDFMABR	170		165	183		181	170
		k						
GKR03		332		352				
GKR04		383		403	425		459	
GKR05			436	456	479		512	573
GKR06			488	508	530		564	625

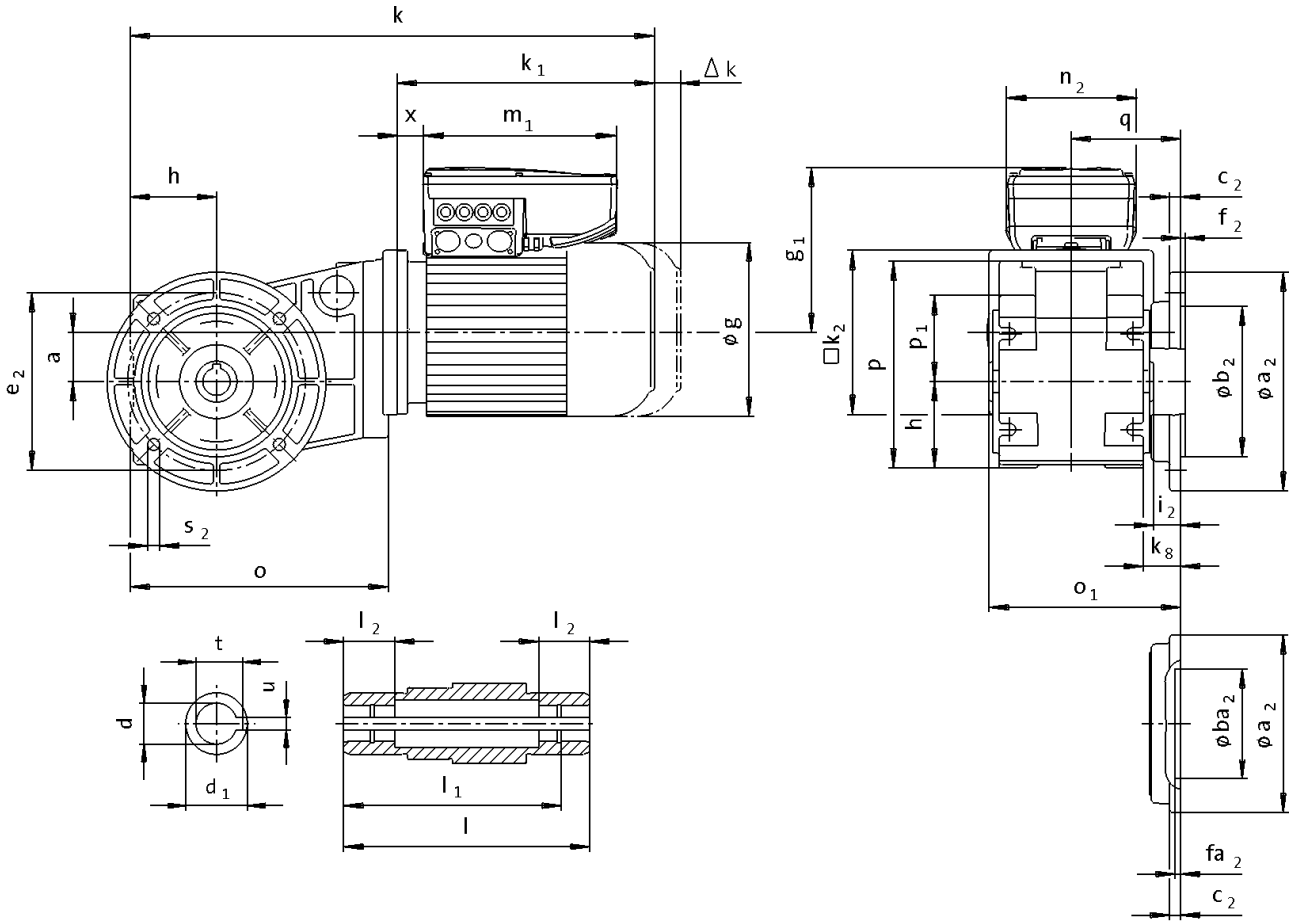
	a	a_7	a_8	h	o	$p^{1)}$	p_1	s_6
GKR03	29	66	39	50	142	117	48	25
GKR04	36	88	65	63	189	151	63	25
GKR05	40			80	250.5	181	82	
GKR06	51			100	307	226	100	

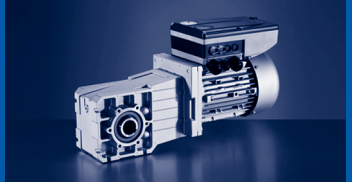
	$d^{2)}$	d_1	$l^{1)}$	l_1	l_2	u	$t^{3)}$	i_1	a_1	b_1	e_1	f_1	s_1
	H7					JS9	+0,2			J7			
GKR03	18 20	30 30	100 100	85 85	22 22	6 6	20.8 22.8	2.5 2.5	85	55	70	2.5	M6x12
GKR04	20 25	30 35	120 120	105 105	25 25	6 8	22.8 27	2.5 2.5	104	62	88	3	M8x16
GKR05	30 35	50 50	143 143	127 127	25 25	8 10	33.3 38.3	4 4	116	80	100	4	M8x15
GKR06	40 45	65 65	170 170	150 150	30 30	12 14	43.3 48.8	5 5	140	100	120	4	M10x22

	b_5	b_7	c_5	e_5	f_5	m	n	s_5
GKR03	60	75	7	90	20	22	20	6.6
GKR04	70	90	8	105	20	28	25	9
GKR05	100	100	11	127	28	27	48	9
GKR06	120	125	12	145	30	32	53	11

1) k_2 !
2) l_2 !
3) d = 25 mm > DIN 6885/3

GKR□□-2M HAK


k
k 1
Δ k
x
m 1
h
e 2
a
s 2
o
ø g
g 1
□k 2
p
p 1
h
n 2
q
c 2
f 2
ø b 2
ø a 2
i 2
k 8
o 1
t
u
d
d 1
l 2
l 2
l 1
l
ø ba 2
ø a 2
fa 2
c 2



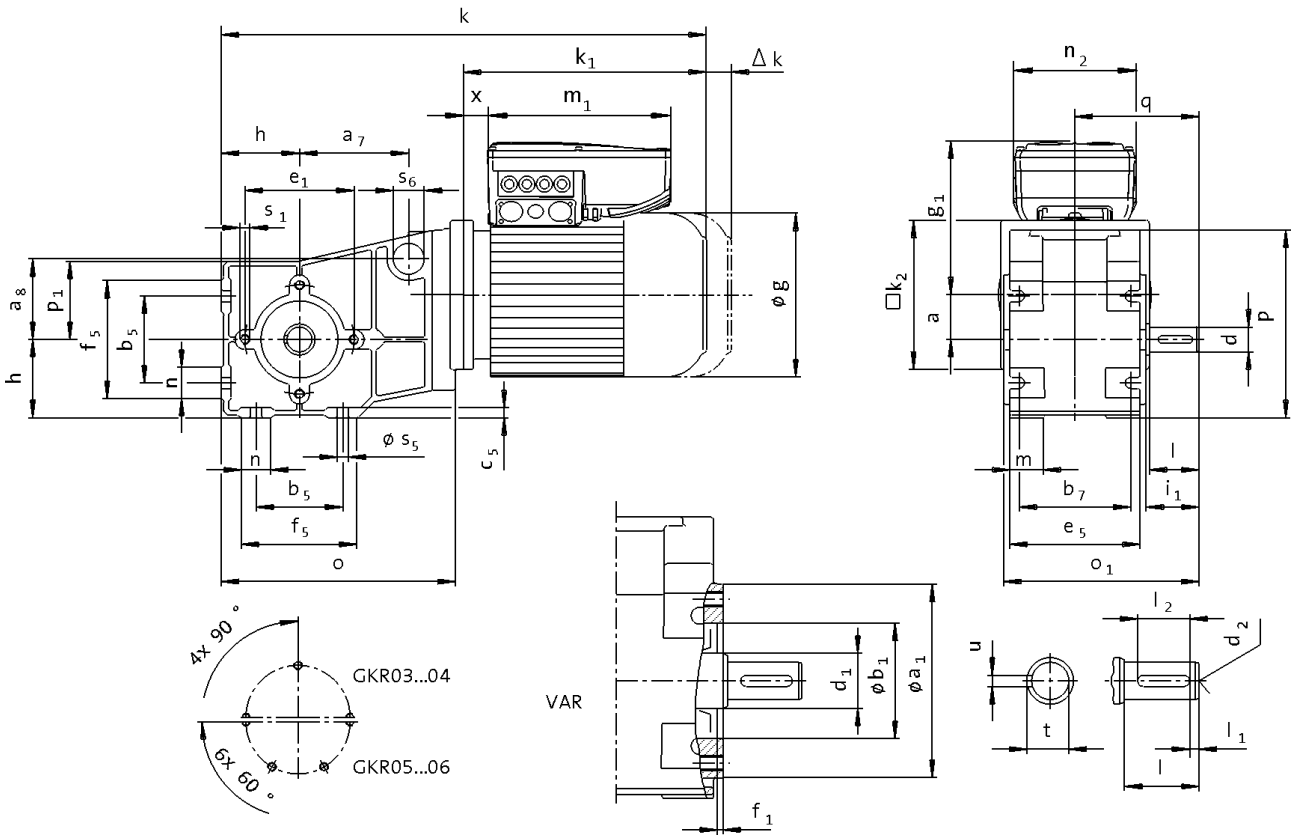
		063C32	063C42	071C32 071C42	080C32	080C42	090C32	100C12 100C32
g		123		139	156		176	194
$g_{1, 50Hz}$				163	172		177	217
$g_{1, 87Hz}$		154		163	172	201	205.5	
k_1	MDEMAXX	187		207	224.5		248	309
k_2		120			145		180	
x_{50Hz}				21	25.5		28.8	29.6
x_{87Hz}		18.8		21	25.5	24.5	27.8	
$m_{1, 50Hz}$				241				260
$m_{1, 87Hz}$		241				260		
$n_{2, 50Hz}$				161				176
$n_{2, 87Hz}$		161				176		
Δ k	MDEMABR	40		52	73		68	76
	MDFMAXX	128						109
	MDFMABR	170		165	183		181	170
		k						
GKR03		332		352				
GKR04		383		403	425		459	
GKR05			436	456	479		512	573
GKR06			488	508	530		564	625

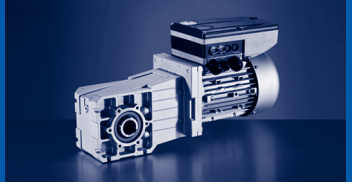
	a	h	k_8	o	p[1]	p_1	q
GKR03	29	50	35	142	117	48	80
GKR04	36	63	28	189	151	63	80
GKR05	40	80	47.5	250.5	181	82	105
GKR06	51	100	54	307	226	100	126.5

	d[2]	d_1	l	l_1	l_2	u	t[3]	i_2	o_1[1]	a_2	b_2	ba_2	c_2	e_2	f_2	fa_2	s_2
	H7					JS9	+0,2				j7	H7					
GKR03	18 20	30 30	100 100	85 85	22 22	6 6	20.8 22.8	30 30	130 130	120 110	80 -	- 60	8 8	100 87	3 -	- 4	7 9
GKR04	20 25	30 35	120 120	105 105	25 25	6 8	22.8 27	20 20	140 140	120 160	80 110		8 8	100 130	3 3.5		7 9
GKR05	30 35	50 50	143 143	127 127	25 25	8 10	33.3 38.3	33.5 33.5	176.5 176.5	160 200	110 130		12 12	130 165	3.5 3.5		9 11
GKR06	40 45	65 65	170 170	150 150	30 30	12 14	43.3 48.8	41.5 41.5	211.5 211.5	200 250	130 180		12 12	165 215	3.5 4		11 14

[1] k_2 !
[2] l_2 !
[3] d = 25 mm > DIN 6885/3

GKR□□-2M V□R


k
k1
Δ k
x
m1
h
a7
e1
s6
s1
a8
p1
f5
b5
n
h
ø g
ø s5
c5
n
b5
f5
o
4x 90°
6x 60°
GKR03...04
GKR05...06
VAR
d1
øb1
øa1
f1
n2
q
g1
□k2
a
d
p
m
b7
l
i1
e5
o1
l2
d2
u
t
l1
l



		063C32	063C42	071C32 071C42	080C32	080C42	090C32	100C12 100C32
g		123		139	156		176	194
$g_{1, 50Hz}$				163	172		177	217
$g_{1, 87Hz}$		154		163	172	201	205.5	
k_1	MDEMAXX	187		207	224.5		248	309
k_2		120			145		180	
x_{50Hz}				21	25.5		28.8	29.6
x_{87Hz}		18.8		21	25.5	24.5	27.8	
$m_{1, 50Hz}$				241				260
$m_{1, 87Hz}$		241				260		
$n_{2, 50Hz}$				161				176
$n_{2, 87Hz}$		161				176		
Δ k	MDEMABR	40		52	73		68	76
	MDFMAXX	128						109
	MDFMABR	170		165	183		181	170
		k						
GKR03		332		352				
GKR04		383		403	425		459	
GKR05			436	456	479		512	573
GKR06			488	508	530		564	625

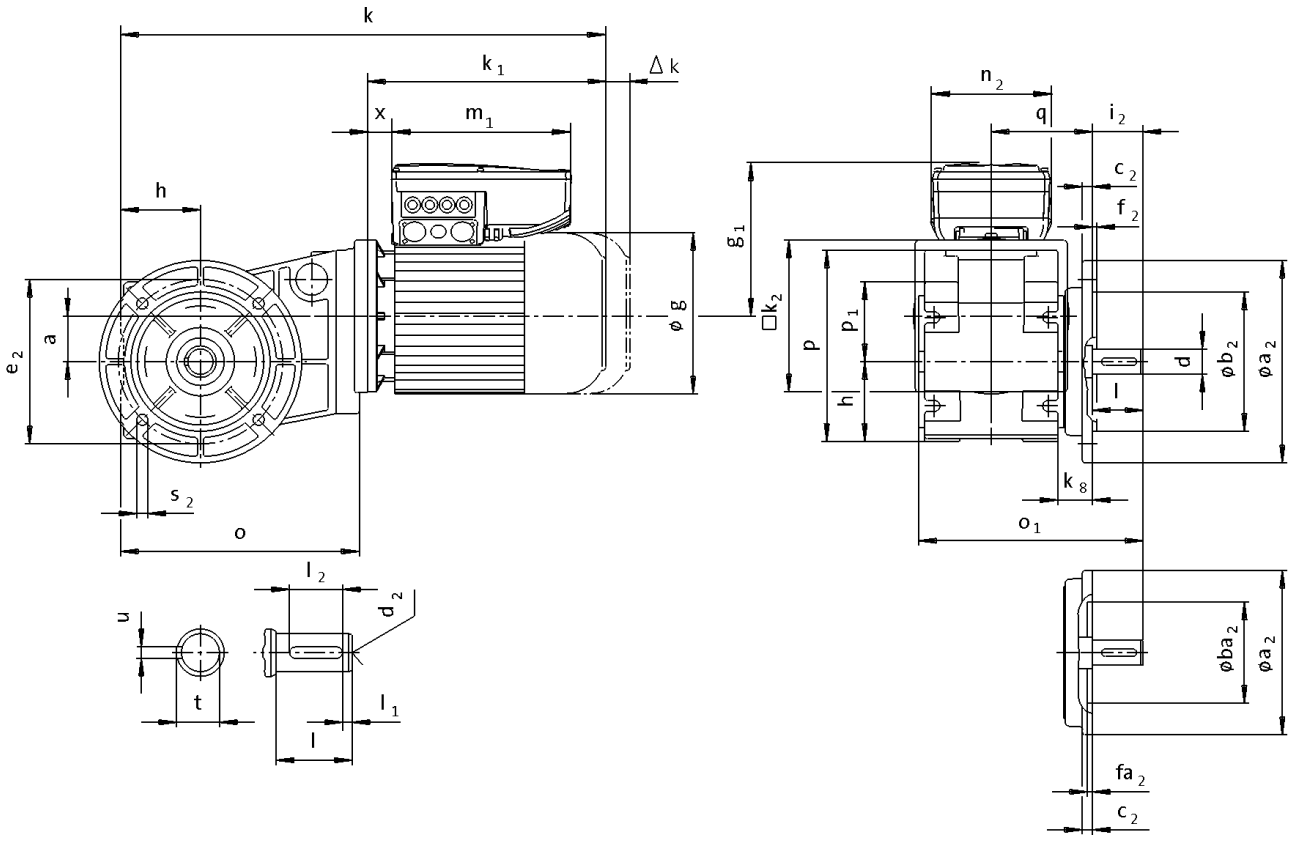
	a	a_7	a_8	h	o	$p^{1)}$	p_1	q	s_6
GKR03	29	66	39	50	142	117	48	90	25
GKR04	36	88	65	63	189	151	63	100	25
GKR05	40			80	250.5	181	82	131.5	
GKR06	51			100	307	226	100	155	

	d	d_1	d_2	l	l_1	l_2	u	t	i_1	$o_1^{1)}$	a_1	b_1	e_1	f_1	s_1
	k6											J7			
GKR03	20	30	M6	40	5	28	6	22.5	42.5	137.5	85	55	70	2.5	M6x12
GKR04	20	30	M6	40	5	28	6	22.5	42.5	158	104	62	88	3	M8x16
GKR05	30	50	M10	60	6	45	8	33	64	199	116	80	100	4	M8x15
GKR06	35	65	M12	70	7	56	10	38	75	235	140	100	120	4	M10x22

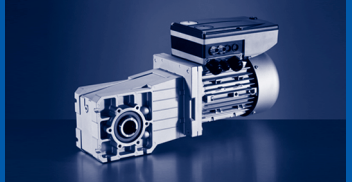
	b_5	b_7	c_5	e_5	f_5	m	n	s_5
GKR03	60	75	7	90	20	22	20	6.6
GKR04	70	90	8	105	20	28	25	9
GKR05	100	100	11	127	28	27	48	9
GKR06	120	125	12	145	30	32	53	11

[1)] k_2 !

GKR□□-2M VAK


k
k 1
Δ k
x
m 1
h
a
e 2
s 2
o
l 2
d 2
u
t
l 1
l
g 1
□k 2
ø g
n 2
q
i 2
c 2
f 2
p
p 1
h
d
ø b 2
ø a 2
l
k 8
o 1
ø ba 2
ø a 2
fa 2
c 2

5



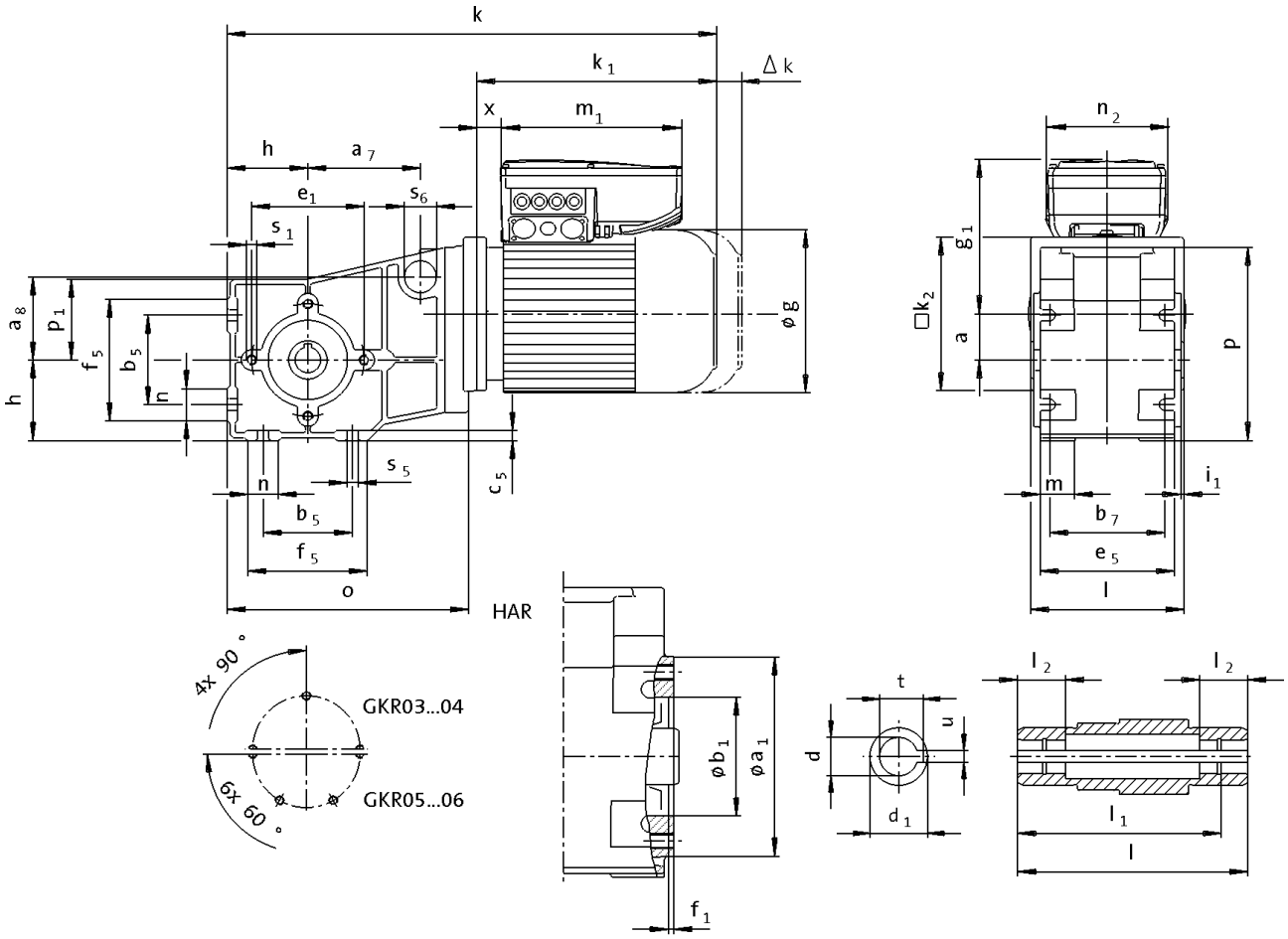
		063C32	063C42	071C32 071C42	080C32	080C42	090C32	100C12 100C32
g		123		139	156		176	194
$g_{1, 50Hz}$				163	172		177	217
$g_{1, 87Hz}$		154		163	172	201	205.5	
k_1	MDEMAXX	187		207	224.5		248	309
k_2		120			145		180	
x_{50Hz}				21	25.5		28.8	29.6
x_{87Hz}		18.8		21	25.5	24.5	27.8	
$m_{1, 50Hz}$				241				260
$m_{1, 87Hz}$		241				260		
$n_{2, 50Hz}$				161				176
$n_{2, 87Hz}$		161				176		
Δ k	MDEMABR	40		52	73		68	76
	MDFMAXX	128						109
	MDFMABR	170		165	183		181	170
		k						
GKR03		332		352				
GKR04		383		403	425		459	
GKR05			436	456	479		512	573
GKR06			488	508	530		564	625

	a	h	k_8	o	p[1)]	p_1	q
GKR03	29	50	35	142	117	48	80
GKR04	36	63	28	189	151	63	80.5
GKR05	40	80	47.5	250.5	181	82	105
GKR06	51	100	54	307	226	100	126.5

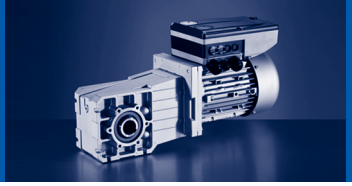
	d	d_2	l	l_1	l_2	u	t	i_2	o_1[1)]	a_2	b_2	ba_2	c_2	e_2	f_2	fa_2	s_2
	k6										j7	H7					
GKR03	20	M6	40	5	28	6	22.5	40	167.5	120 110	80 -	- 60	8 8	100 87	3 -	- 4	7 9
GKR04	20	M6	40	5	28	6	22.5	40	178	120 160	80 110		8 8	100 130	3 3.5		7 9
GKR05	30	M10	60	6	45	8	33	60	232.5	160 200	110 130		12 12	130 165	3.5 3.5		9 11
GKR06	35	M12	70	7	56	10	38	70	276.5	200 250	130 180		12 12	165 215	3.5 4		11 14

[1)] k_2 !

GKR□□-2M H□R


k
k 1
Δ k
x
m 1
h
a 7
e 1
s 6
s 1
a 8
p 1
f 5
b 5
n
h
s 5
c 5
n
b 5
f 5
o
n 2
g 1
□k 2
a
p
m
i 1
b 7
e 5
l
HAR
4x 90°
6x 60°
GKR03...04
GKR05...06
ø g
ø b 1
ø a 1
f 1
t
u
d
d 1
l 2
l 2
l 1
l

5



		063C32	063C42	071C32 071C42	080C32	080C42
g		123		139	156	
$g_{1,\ 120Hz}$		154		163	201	
k_1	MFEMAXX	187		207	224.5	
k_2		120			145	
x_{120Hz}		18.8		21	24.5	
$m_{1,\ 120Hz}$		241			260	
$n_{2,\ 120Hz}$		161			176	
Δ k	MFEMABR	40		52		
	MFFMAXX	128				
	MFFMABR	170		165		
		k				
GKR03		332				
GKR04		383		403	425	
GKR05		436		456	479	
GKR06			488	508	530	

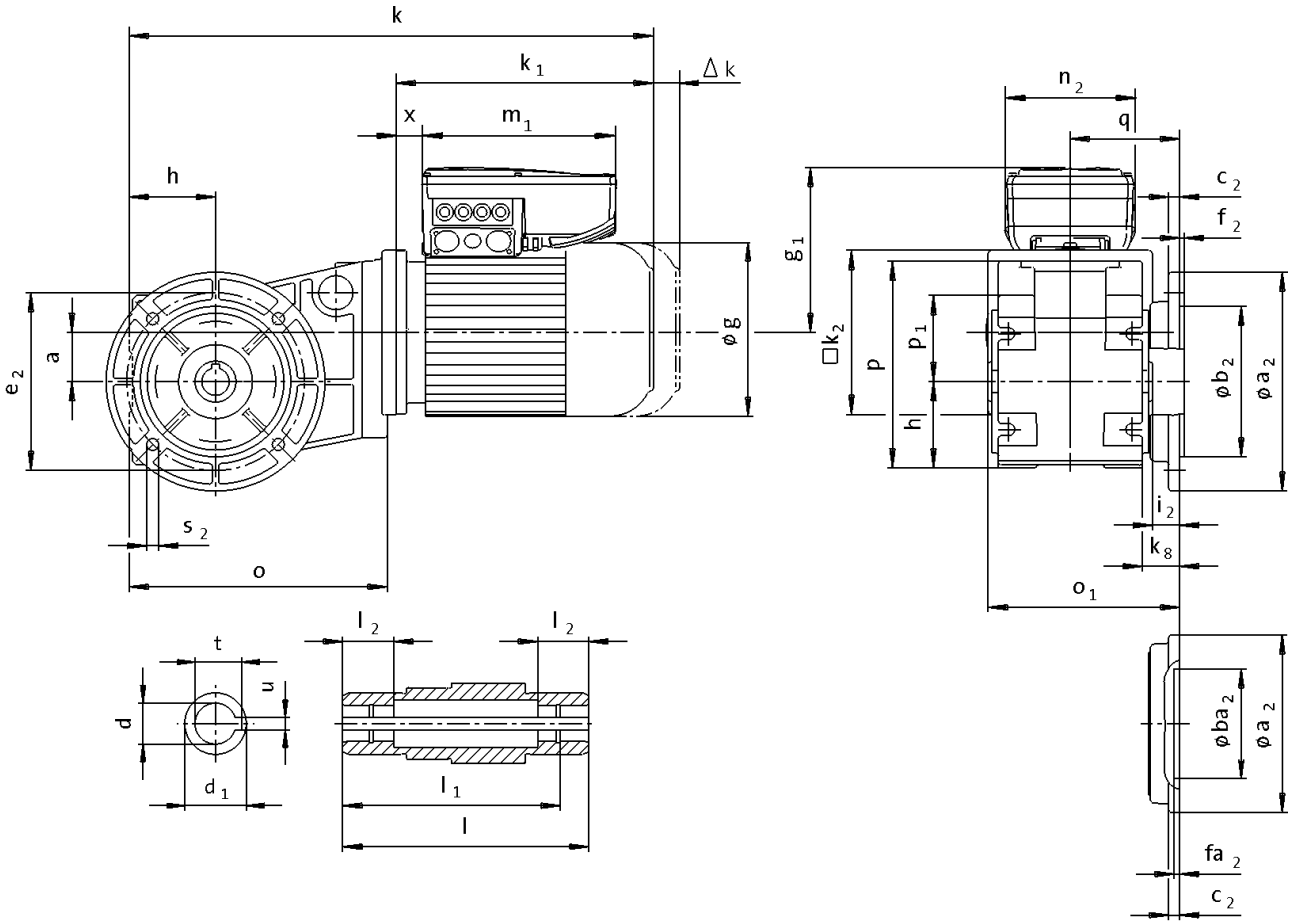
	a	a_7	a_8	h	o	$p^{1)}$	p_1	s_6
GKR03	29	66	39	50	142	117	48	25
GKR04	36	88	65	63	189	151	63	25
GKR05	40			80	250.5	181	82	
GKR06	51			100	307	226	100	

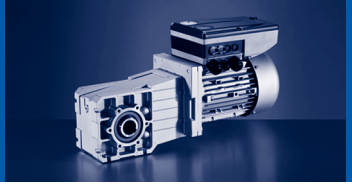
	$d^{2)}$	d_1	$l^{1)}$	l_1	l_2	u	$t^{3)}$	i_1	a_1	b_1	e_1	f_1	s_1
	H7					JS9	+0,2			J7			
GKR03	18 20	30 30	100 100	85 85	22 22	6 6	20.8 22.8	2.5 2.5	85	55	70	2.5	M6x12
GKR04	20 25	30 35	120 120	105 105	25 25	6 8	22.8 27	2.5 2.5	104	62	88	3	M8x16
GKR05	30 35	50 50	143 143	127 127	25 25	8 10	33.3 38.3	4 4	116	80	100	4	M8x15
GKR06	40 45	65 65	170 170	150 150	30 30	12 14	43.3 48.8	5 5	140	100	120	4	M10x22

	b_5	b_7	c_5	e_5	f_5	m	n	s_5
GKR03	60	75	7	90	20	22	20	6.6
GKR04	70	90	8	105	20	28	25	9
GKR05	100	100	11	127	28	27	48	9
GKR06	120	125	12	145	30	32	53	11

1) k_2 !
2) l_2 !
3) d = 25 mm > DIN 6885/3

GKR□□-2M HAK


k
k 1
Δ k
x
m 1
h
e 2
a
s 2
o
ø g
g 1
□k 2
p
p 1
h
n 2
q
c 2
f 2
ø b 2
ø a 2
i 2
k 8
o 1
t
u
d
d 1
l 2
l 2
l 1
l
ø ba 2
ø a 2
fa 2
c 2



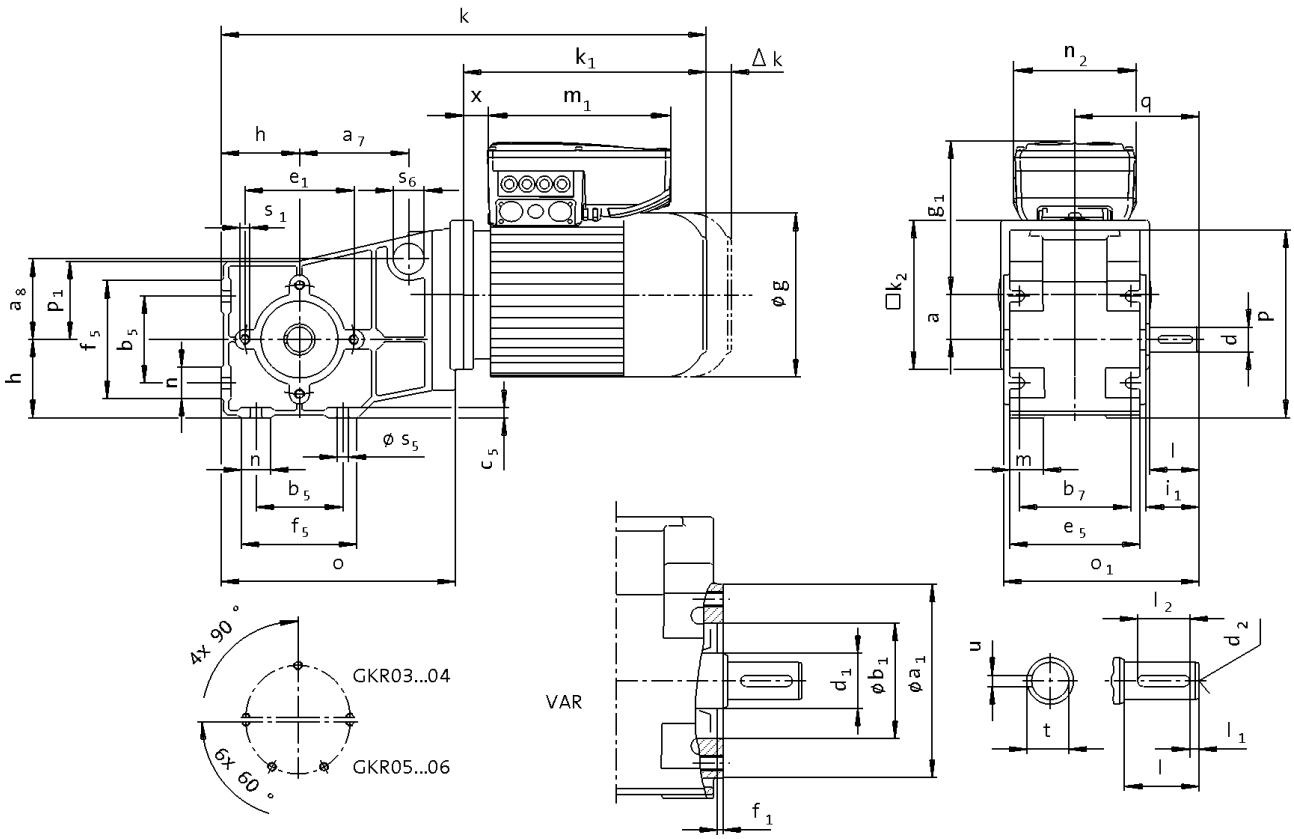
		063C32	063C42	071C32 071C42	080C32	080C42
g		123		139	156	
$g_{1, 120Hz}$		154		163	201	
k_1	MFEMAXX	187		207	224.5	
k_2		120			145	
x_{120Hz}		18.8		21	24.5	
$m_{1, 120Hz}$		241			260	
$n_{2, 120Hz}$		161			176	
Δ k	MFEMABR	40		52		
	MFFMAXX	128				
	MFFMABR	170		165		
		k				
GKR03		332				
GKR04		383		403	425	
GKR05		436		456	479	
GKR06			488	508	530	

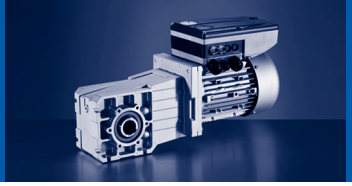
	a	h	k_8	o	p[1]	p_1	q
GKR03	29	50	35	142	117	48	80
GKR04	36	63	28	189	151	63	80
GKR05	40	80	47.5	250.5	181	82	105
GKR06	51	100	54	307	226	100	126.5

	d[2]	d_1	l	l_1	l_2	u	t[3]	i_2	o_1[1]	a_2	b_2	ba_2	c_2	e_2	f_2	fa_2	s_2
	H7					JS9	+0,2				j7	H7					
GKR03	18 20	30 30	100 100	85 85	22 22	6 6	20.8 22.8	30 30	130 130	120 110	80 -	- 60	8 8	100 87	3 -	- 4	7 9
GKR04	20 25	30 35	120 120	105 105	25 25	6 8	22.8 27	20 20	140 140	120 160	80 110		8 8	100 130	3 3.5		7 9
GKR05	30 35	50 50	143 143	127 127	25 25	8 10	33.3 38.3	33.5 33.5	176.5 176.5	160 200	110 130		12 12	130 165	3.5 3.5		9 11
GKR06	40 45	65 65	170 170	150 150	30 30	12 14	43.3 48.8	41.5 41.5	211.5 211.5	200 250	130 180		12 12	165 215	3.5 4		11 14

[1] k_2 !
[2] l_2 !
[3] d = 25 mm > DIN 6885/3

GKR□□-2M V□R


k
k1
Δ k
x
m1
h
a7
e1
s6
s1
a8
p1
f5
b5
h
n
ø g
ø s5
c5
n
b5
f5
o
4x 90°
GKR03...04
6x 60°
GKR05...06
VAR
d1
øb1
øa1
f1
n2
q
g1
□k2
a
d
p
m
b7
l
i1
e5
o1
l2
d2
u
t
l1
l



		063C32	063C42	071C32 071C42	080C32	080C42
g		123		139	156	
$g_{1,\ 120Hz}$		154		163	201	
k_1	MFEMAXX	187		207	224.5	
k_2		120			145	
x_{120Hz}		18.8		21	24.5	
$m_{1,\ 120Hz}$		241			260	
$n_{2,\ 120Hz}$		161			176	
Δ k	MFEMABR	40		52		
	MFFMAXX	128				
	MFFMABR	170		165		
		k				
GKR03		332				
GKR04		383		403	425	
GKR05		436		456	479	
GKR06			488	508	530	

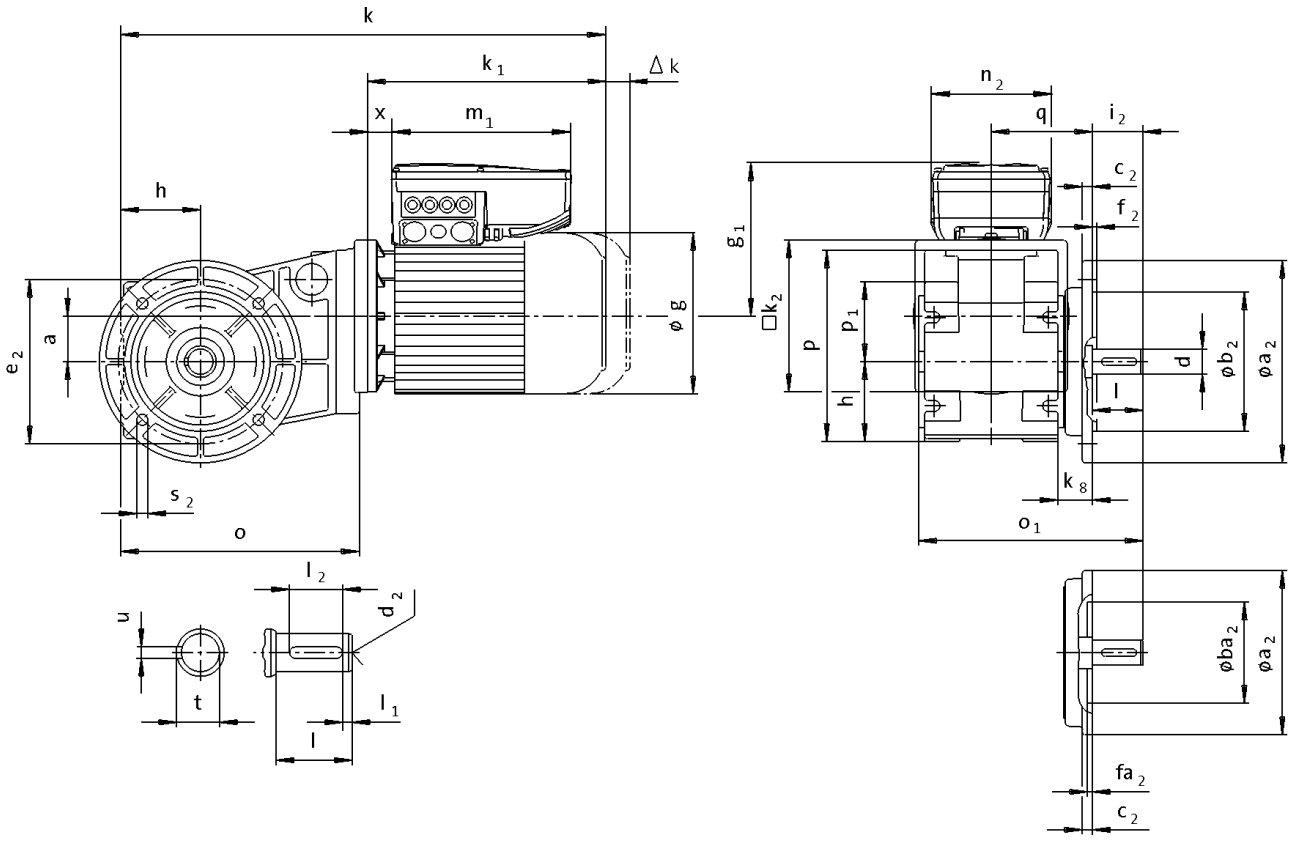
	a	a_7	a_8	h	o	p[1)]	p_1	q	s_6
GKR03	29	66	39	50	142	117	48	90	25
GKR04	36	88	65	63	189	151	63	100	25
GKR05	40			80	250.5	181	82	131.5	
GKR06	51			100	307	226	100	155	

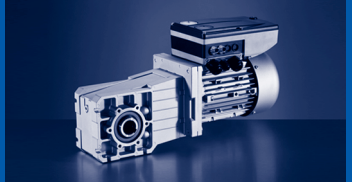
	d	d_1	d_2	l	l_1	l_2	u	t	i_1	o_1[1)]	a_1	b_1	e_1	f_1	s_1
	k6											J7			
GKR03	20	30	M6	40	5	28	6	22.5	42.5	137.5	85	55	70	2.5	M6x12
GKR04	20	30	M6	40	5	28	6	22.5	42.5	158	104	62	88	3	M8x16
GKR05	30	50	M10	60	6	45	8	33	64	199	116	80	100	4	M8x15
GKR06	35	65	M12	70	7	56	10	38	75	235	140	100	120	4	M10x22

	b_5	b_7	c_5	e_5	f_5	m	n	s_5
GKR03	60	75	7	90	20	22	20	6.6
GKR04	70	90	8	105	20	28	25	9
GKR05	100	100	11	127	28	27	48	9
GKR06	120	125	12	145	30	32	53	11

[1)] k_2 !

GKR□□-2M VAK


k
k 1
Δ k
x
m 1
h
a
e 2
s 2
o
l 2
d 2
u
t
l 1
l
g 1
□k 2
p
p 1
h
ø g
n 2
q
i 2
c 2
f 2
d
ø b 2
ø a 2
l
k 8
o 1
ø ba 2
ø a 2
fa 2
c 2



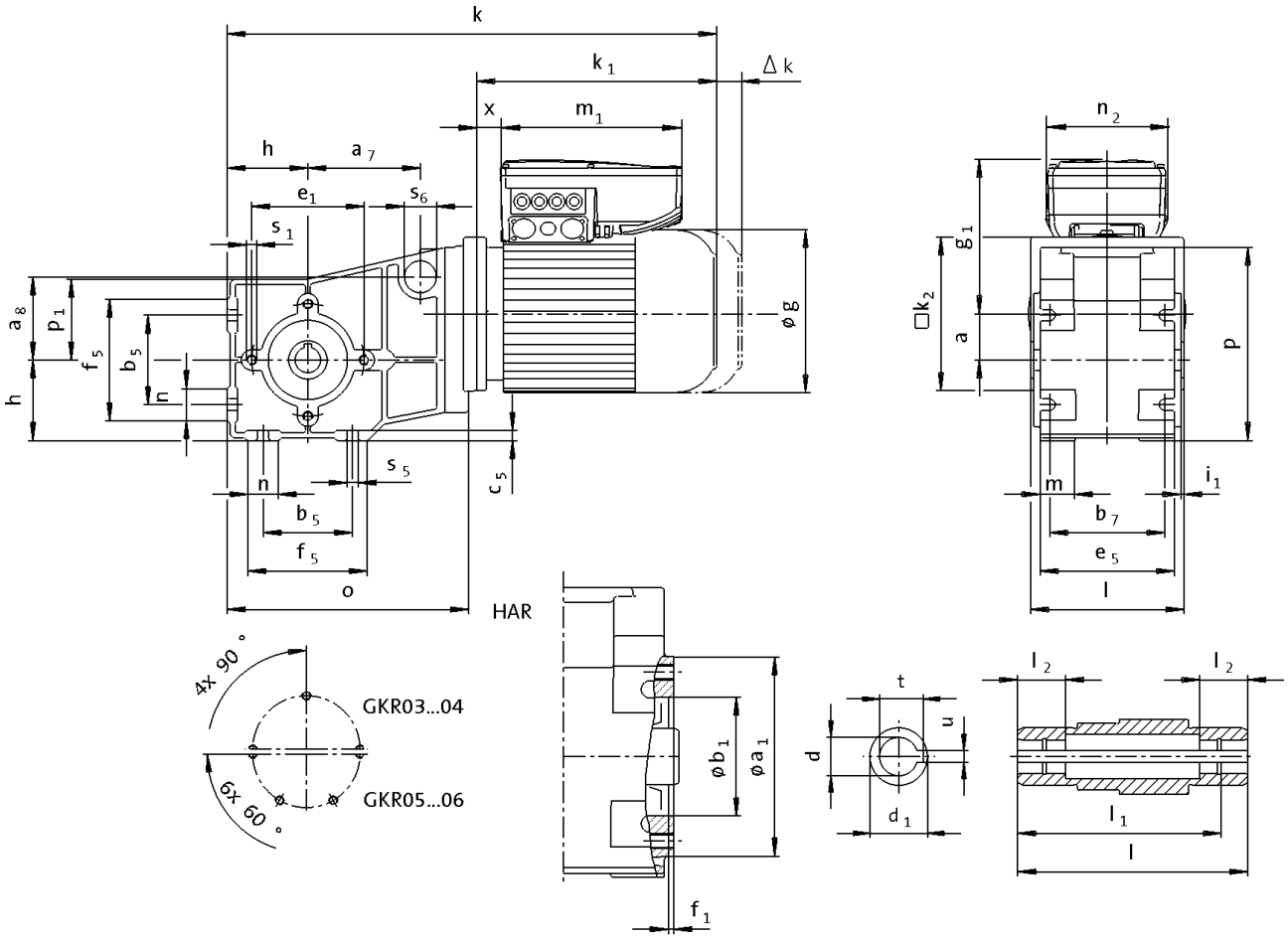
		063C32	063C42	071C32 071C42	080C32	080C42
g		123		139	156	
$g_{1,\ 120Hz}$		154		163	201	
k_1	MFEMAXX	187		207	224.5	
k_2		120			145	
x_{120Hz}		18.8		21	24.5	
$m_{1,\ 120Hz}$		241			260	
$n_{2,\ 120Hz}$		161			176	
Δ k	MFEMABR	40		52		
	MFFMAXX	128				
	MFFMABR	170		165		
		k				
GKR03		332				
GKR04		383		403	425	
GKR05		436		456	479	
GKR06			488	508	530	

	a	h	k_8	o	p[1)]	p_1	q
GKR03	29	50	35	142	117	48	80
GKR04	36	63	28	189	151	63	80.5
GKR05	40	80	47.5	250.5	181	82	105
GKR06	51	100	54	307	226	100	126.5

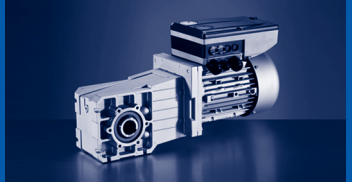
	d	d_2	l	l_1	l_2	u	t	i_2	o_1[1)]	a_2	b_2	ba_2	c_2	e_2	f_2	fa_2	s_2
	k6										j7	H7					
GKR03	20	M6	40	5	28	6	22.5	40	167.5	120 110	80 -	- 60	8 8	100 87	3 -	- 4	7 9
GKR04	20	M6	40	5	28	6	22.5	40	178	120 160	80 110		8 8	100 130	3 3.5		7 9
GKR05	30	M10	60	6	45	8	33	60	232.5	160 200	110 130		12 12	130 165	3.5 3.5		9 11
GKR06	35	M12	70	7	56	10	38	70	276.5	200 250	130 180		12 12	165 215	3.5 4		11 14

[1)] k_2 !

GKR□□-2M H□R


k
k 1
Δ k
x
m 1
h
a 7
e 1
s 6
s 1
a 8
p 1
f 5
b 5
n
h
φ g
s 5
c 5
n
b 5
f 5
o
n 2
g 1
□k 2
a
p
m
i 1
b 7
e 5
l
HAR
4x 90°
GKR03...04
6x 60°
GKR05...06
φ b 1
φ a 1
f 1
t
u
d
d 1
l 2
l 2
l 1
l

5



		080C32	090C12 090C32	100C12	100C32
g		156	176	194	
$g_{1, 50Hz}$		172	177	217	
$g_{1, 87Hz}$		172	205.5		
k_1	MHEMAXX	224.5	274	309	324
k_2		145		180	
x_{50Hz}		25.5	28.8	29.6	
x_{87Hz}		25.5	27.8		
$m_{1, 50Hz}$		241		260	
$m_{1, 87Hz}$		241	260		
$n_{2, 50Hz}$		161		176	
$n_{2, 87Hz}$		161	176		
Δ k	MHEMABR	73	68	76	
	MHFMAXX	128		109	
	MHFMABR	183	181	170	
		k			
GKR04		425	485		
GKR05		479	538	573	588
GKR06		530	590	625	640

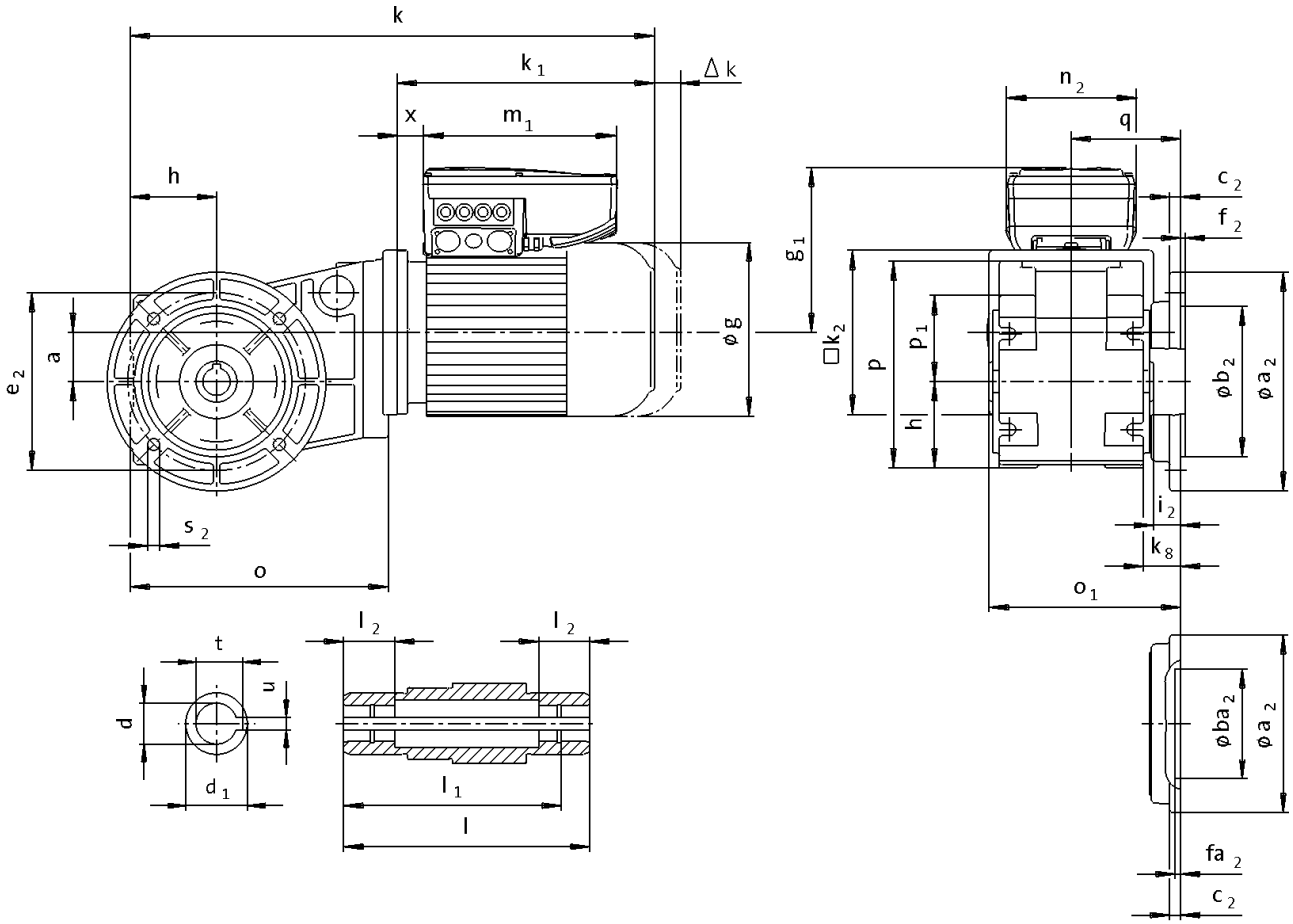
	a	a_7	a_8	h	o	p[1]	p_1	s_6
GKR04	36	88	65	63	189	151	63	25
GKR05	40			80	250.5	181	82	
GKR06	51			100	307	226	100	

	d[2]	d_1	l[1]	l_1	l_2	u	t[3]	i_1	a_1	b_1	e_1	f_1	s_1
	H7					JS9	+0,2			J7			
GKR04	20 25	30 35	120 120	105 105	25 25	6 8	22.8 27	2.5 2.5	104	62	88	3	M8x16
GKR05	30 35	50 50	143 143	127 127	25 25	8 10	33.3 38.3	4 4	116	80	100	4	M8x15
GKR06	40 45	65 65	170 170	150 150	30 30	12 14	43.3 48.8	5 5	140	100	120	4	M10x22

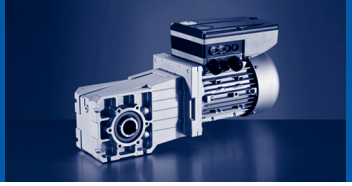
	b_5	b_7	c_5	e_5	f_5	m	n	s_5
GKR04	70	90	8	105	20	28	25	9
GKR05	100	100	11	127	28	27	48	9
GKR06	120	125	12	145	30	32	53	11

[1] k_2 !
[2] l_2 !
[3] d = 25 mm > DIN 6885/3

GKR□□-2M HAK


k
k 1
Δ k
x
m 1
h
e 2
a
s 2
o
ø g
g 1
□k 2
p
p 1
h
n 2
q
c 2
f 2
ø b 2
ø a 2
i 2
k 8
o 1
t
u
d
d 1
l 2
l 2
l 1
l
ø ba 2
ø a 2
fa 2
c 2

5



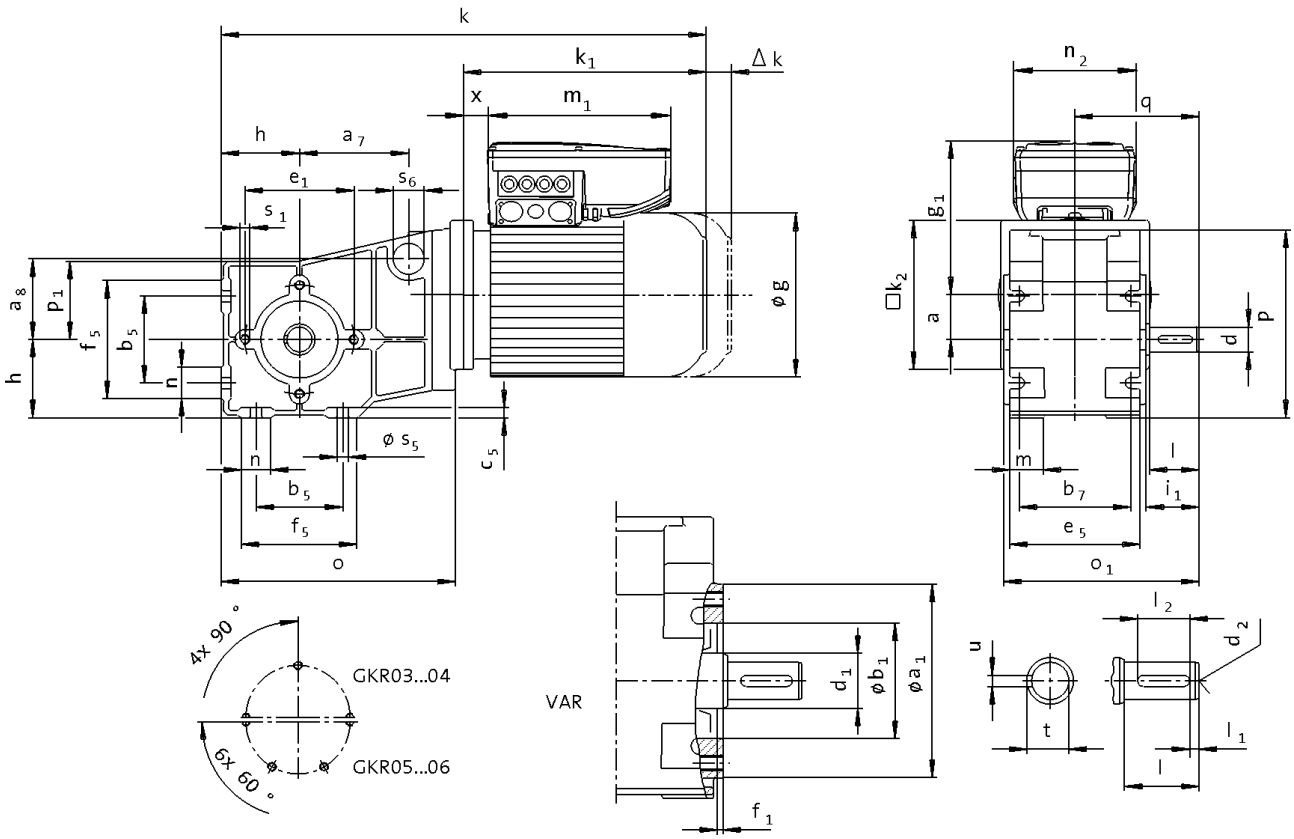
		080C32	090C12 090C32	100C12	100C32
g		156	176	194	
$g_{1, 50Hz}$		172	177	217	
$g_{1, 87Hz}$		172	205.5		
k_1	MHEMAXX	224.5	274	309	324
k_2		145		180	
x_{50Hz}		25.5	28.8	29.6	
x_{87Hz}		25.5	27.8		
$m_{1, 50Hz}$		241		260	
$m_{1, 87Hz}$		241	260		
$n_{2, 50Hz}$		161		176	
$n_{2, 87Hz}$		161	176		
Δ k	MHEMABR	73	68	76	
	MHFMAXX	128		109	
	MHFMABR	183	181	170	
		k			
GKR04		425	485		
GKR05		479	538	573	588
GKR06		530	590	625	640

	a	h	k_8	o	p[1]	p_1	q
GKR04	36	63	28	189	151	63	80
GKR05	40	80	47.5	250.5	181	82	105
GKR06	51	100	54	307	226	100	126.5

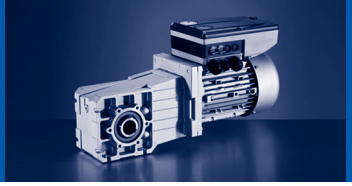
	d[2]	d_1	l	l_1	l_2	u	t[3]	i_2	o_1[1]	a_2	b_2	c_2	e_2	f_2	s_2
	H7					JS9	+0,2				j7				
GKR04	20 25	30 35	120 120	105 105	25 25	6 8	22.8 27	20 20	140 140	120 160	80 110	8 8	100 130	3 3.5	7 9
GKR05	30 35	50 50	143 143	127 127	25 25	8 10	33.3 38.3	33.5 33.5	176.5 176.5	160 200	110 130	12 12	130 165	3.5 3.5	9 11
GKR06	40 45	65 65	170 170	150 150	30 30	12 14	43.3 48.8	41.5 41.5	211.5 211.5	200 250	130 180	12 12	165 215	3.5 4	11 14

[1] k_2 !
[2] l_2 !
[3] d = 25 mm > DIN 6885/3

GKR□□-2M V□R


k
k1
Δ k
x
m1
h
a7
e1
s6
s1
a8
p1
f5
b5
n
h
ø g
ø s5
c5
n
b5
f5
o
4x 90°
GKR03...04
6x 60°
GKR05...06
VAR
d1
øb1
øa1
f1
n2
q
g1
□k2
a
d
p
m
b7
l
i1
e5
o1
l2
d2
u
t
l1
l

5



		080C32	090C12 090C32	100C12	100C32
g		156	176	194	
$g_{1, 50Hz}$		172	177	217	
$g_{1, 87Hz}$		172	205.5		
k_1	MHEMAXX	224.5	274	309	324
k_2		145		180	
x_{50Hz}		25.5	28.8	29.6	
x_{87Hz}		25.5	27.8		
$m_{1, 50Hz}$		241		260	
$m_{1, 87Hz}$		241	260		
$n_{2, 50Hz}$		161		176	
$n_{2, 87Hz}$		161	176		
Δ k	MHEMABR	73	68	76	
	MHFMAXX	128		109	
	MHFMABR	183	181	170	
		k			
GKR04		425	485		
GKR05		479	538	573	588
GKR06		530	590	625	640

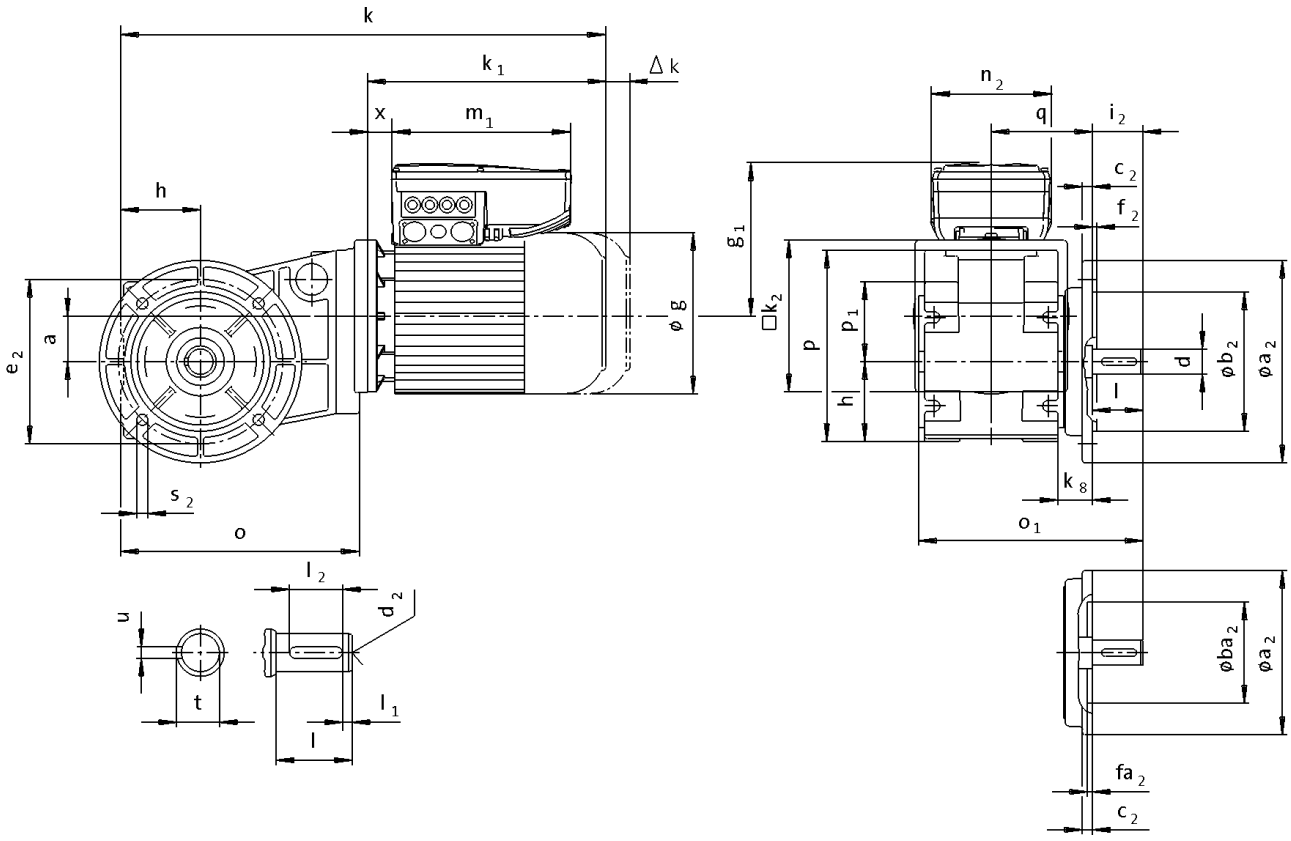
	a	a_7	a_8	h	o	p[1)]	p_1	q	s_6
GKR04	36	88	65	63	189	151	63	100	25
GKR05	40			80	250.5	181	82	131.5	
GKR06	51			100	307	226	100	155	

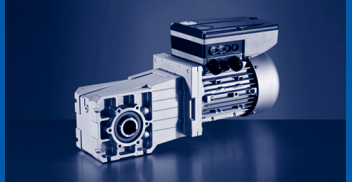
	d	d_1	d_2	l	l_1	l_2	u	t	i_1	o_1[1)]	a_1	b_1	e_1	f_1	s_1
	k6											J7			
GKR04	20	30	M6	40	5	28	6	22.5	42.5	158	104	62	88	3	M8x16
GKR05	30	50	M10	60	6	45	8	33	64	199	116	80	100	4	M8x15
GKR06	35	65	M12	70	7	56	10	38	75	235	140	100	120	4	M10x22

	b_5	b_7	c_5	e_5	f_5	m	n	s_5
GKR04	70	90	8	105	20	28	25	9
GKR05	100	100	11	127	28	27	48	9
GKR06	120	125	12	145	30	32	53	11

[1)] k_2 !

GKR□□-2M VAK


k
k 1
Δ k
x
m 1
h
a
e 2
s 2
o
l 2
d 2
u
t
l 1
l
g 1
□k 2
ø g
n 2
q
i 2
c 2
f 2
p
p 1
h
d
ø b 2
ø a 2
l
k 8
o 1
ø ba 2
ø a 2
fa 2
c 2



		080C32	090C12 090C32	100C12	100C32
g		156	176	194	
$g_{1, 50Hz}$		172	177	217	
$g_{1, 87Hz}$		172	205.5		
k_1	MHEMAXX	224.5	274	309	324
k_2		145		180	
x_{50Hz}		25.5	28.8	29.6	
x_{87Hz}		25.5	27.8		
$m_{1, 50Hz}$		241		260	
$m_{1, 87Hz}$		241	260		
$n_{2, 50Hz}$		161		176	
$n_{2, 87Hz}$		161	176		
Δ k	MHEMABR	73	68	76	
	MHFMAXX	128		109	
	MHFMABR	183	181	170	
		k			
GKR04		425	485		
GKR05		479	538	573	588
GKR06		530	590	625	640

	a	h	k_8	o	p[1)]	p_1	q
GKR04	36	63	28	189	151	63	80.5
GKR05	40	80	47.5	250.5	181	82	105
GKR06	51	100	54	307	226	100	126.5

	d	d_2	l	l_1	l_2	u	t	i_2	o_1[1)]	a_2	b_2	c_2	e_2	f_2	s_2
	k6										j7				
GKR04	20	M6	40	5	28	6	22.5	40	178	120 160	80 110	8 8	100 130	3 3.5	7 9
GKR05	30	M10	60	6	45	8	33	60	232.5	160 200	110 130	12 12	130 165	3.5 3.5	9 11
GKR06	35	M12	70	7	56	10	38	70	276.5	200 250	130 180	12 12	165 215	3.5 4	11 14

[1)] k_2 !

GKR□□-2M HAR / HBR

			063C32	063C42	071C32
GKR03	m	[kg]	7		8
GKR04	m	[kg]	9		11
GKR05	m	[kg]		14	15
GKR06	m	[kg]		22	23

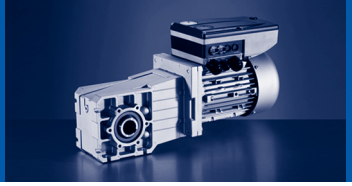
			071C42	080C32 080C42	090C32	100C12 100C32
GKR03	m	[kg]	9			
GKR04	m	[kg]	11	16	21	
GKR05	m	[kg]	16	21	25	34
GKR06	m	[kg]	24	29	34	43

GKR□□-2M HAK

			063C32	063C42	071C32
GKR03	m	[kg]	7		9
GKR04	m	[kg]	9	10	11
GKR05	m	[kg]		15	16
GKR06	m	[kg]		23	24

			071C42	080C32 080C42	090C32	100C12 100C32
GKR03	m	[kg]	9			
GKR04	m	[kg]	12	17	21	
GKR05	m	[kg]	17	22	26	35
GKR06	m	[kg]	25	30	35	44

► Weights with oil filling for mounting position A, all values are approximate.
The weights relate to the basic version without 8400 motec
Note the additional weights (for 8400 motec and motor options).



GKR□□-2M VAR / VBR

			063C32	063C42	071C32
GKR03	m	[kg]	7		9
GKR04	m	[kg]	9	10	11
GKR05	m	[kg]		15	16
GKR06	m	[kg]		24	25

			071C42	080C32 080C42	090C32	100C12 100C32
GKR03	m	[kg]	9			
GKR04	m	[kg]	12	17	21	
GKR05	m	[kg]	17	22	26	35
GKR06	m	[kg]	26	30	36	45

GKR□□-2M VAK

			063C32	063C42	071C32
GKR03	m	[kg]	7	8	9
GKR04	m	[kg]	10		12
GKR05	m	[kg]		16	17
GKR06	m	[kg]		25	26

			071C42	080C32 080C42	090C32	100C12 100C32
GKR03	m	[kg]	10			
GKR04	m	[kg]	12	17	22	
GKR05	m	[kg]	18	23	27	36
GKR06	m	[kg]	27	31	37	46

► Weights with oil filling for mounting position A, all values are approximate.
The weights relate to the basic version without 8400 motec
Note the additional weights (for 8400 motec and motor options).

GKR□□-2M SAR / SBR

			063C32	063C42	071C32
GKR03	m	[kg]	7		9
GKR04	m	[kg]	9	10	11
GKR05	m	[kg]		14	16
GKR06	m	[kg]		23	24

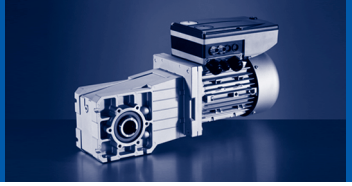
			071C42	080C32 080C42	090C32	100C12 100C32
GKR03	m	[kg]	9			
GKR04	m	[kg]	12	17	21	
GKR05	m	[kg]	17	21	26	35
GKR06	m	[kg]	25	30	35	44

GKR□□-2M SAK

			063C32	063C42	071C32
GKR03	m	[kg]	7	8	9
GKR04	m	[kg]	10		12
GKR05	m	[kg]		15	17
GKR06	m	[kg]		24	25

			071C42	080C32 080C42	090C32	100C12 100C32
GKR03	m	[kg]	10			
GKR04	m	[kg]	12	17	22	
GKR05	m	[kg]	18	22	27	36
GKR06	m	[kg]	26	31	36	45

► Weights with oil filling for mounting position A, all values are approximate.
The weights relate to the basic version without 8400 motec
Note the additional weights (for 8400 motec and motor options).



GKR□□-2M HAR / HBR

	063C32	063C42	071C32 071C42	080C32	080C42
GKR03 m [kg]	7				
GKR04 m [kg]	9		11	16	
GKR05 m [kg]	14		16	21	
GKR06 m [kg]		22	24	29	

GKR□□-2M HAK

	063C32	063C42	071C32 071C42	080C32	080C42
GKR03 m [kg]	7				
GKR04 m [kg]	10		12	17	
GKR05 m [kg]	15		17	22	
GKR06 m [kg]		23	25	30	

GKR□□-2M VAR / VBR

	063C32	063C42	071C32 071C42	080C32	080C42
GKR03 m [kg]	7				
GKR04 m [kg]	10		12	17	
GKR05 m [kg]	15		17	22	
GKR06 m [kg]		24	26	30	

GKR□□-2M VAK

	063C32	063C42	071C32 071C42	080C32	080C42
GKR03 m [kg]	8				
GKR04 m [kg]	10		12	17	
GKR05 m [kg]	16		18	23	
GKR06 m [kg]		25	27	31	

- Weights with oil filling for mounting position A, all values are approximate.
  The weights relate to the basic version without 8400 motec
  Note the additional weights (for 8400 motec and motor options).

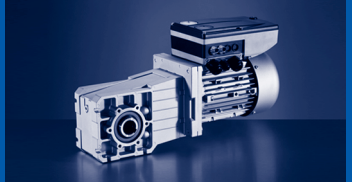
GKR□□-2M SAR / SBR

			063C32	063C42	071C32 071C42	080C32	080C42
GKR03	m	[kg]	7				
GKR04	m	[kg]	10		12	17	
GKR05	m	[kg]	14		17	21	
GKR06	m	[kg]		23	25	30	

GKR□□-2M SAK

			063C32	063C42	071C32 071C42	080C32	080C42
GKR03	m	[kg]	8				
GKR04	m	[kg]	10		12	17	
GKR05	m	[kg]	15		18	22	
GKR06	m	[kg]		24	26	31	

► Weights with oil filling for mounting position A, all values are approximate.
The weights relate to the basic version without 8400 motec
Note the additional weights (for 8400 motec and motor options).



GKR□□-2M HAR / HBR

			080C32	090C12	090C32	100C12	100C32
GKR04	m	[kg]	16	22	24		
GKR05	m	[kg]	21	26	28	34	37
GKR06	m	[kg]	29	35	37	43	45

GKR□□-2M HAK

			080C32	090C12	090C32	100C12	100C32
GKR04	m	[kg]	17	22	24		
GKR05	m	[kg]	22	27	29	35	38
GKR06	m	[kg]	30	36	38	44	46

GKR□□-2M VAR / VBR

			080C32	090C12	090C32	100C12	100C32
GKR04	m	[kg]	17	22	24		
GKR05	m	[kg]	22	27	29	35	38
GKR06	m	[kg]	30	37	39	45	47

GKR□□-2M VAK

			080C32	090C12	090C32	100C12	100C32
GKR04	m	[kg]	17	23	25		
GKR05	m	[kg]	23	28	30	36	39
GKR06	m	[kg]	31	38	40	46	48

- Weights with oil filling for mounting position A, all values are approximate.
  The weights relate to the basic version without 8400 motec
  Note the additional weights (for 8400 motec and motor options).

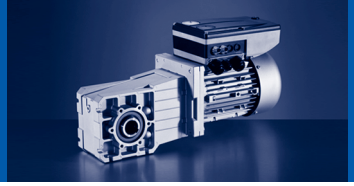
GKR□□-2M SAR / SBR

			080C32	090C12	090C32	100C12	100C32
GKR04	m	[kg]	17	22	24		
GKR05	m	[kg]	21	27	29	35	38
GKR06	m	[kg]	30	36	38	44	46

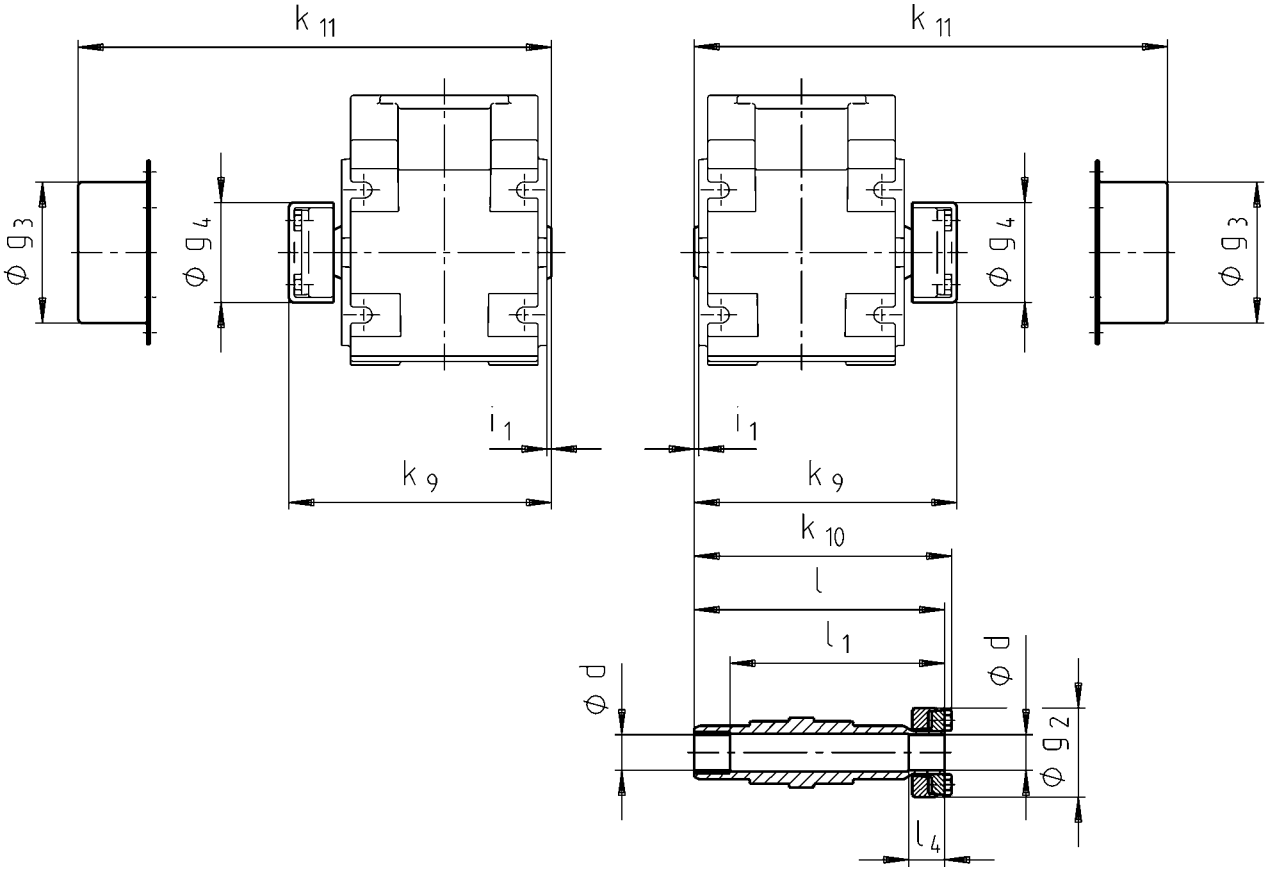
GKR□□-2M SAK

			080C32	090C12	090C32	100C12	100C32
GKR04	m	[kg]	17	23	25		
GKR05	m	[kg]	22	28	30	36	39
GKR06	m	[kg]	31	37	39	45	47

► Weights with oil filling for mounting position A, all values are approximate.
The weights relate to the basic version without 8400 motec
Note the additional weights (for 8400 motec and motor options).



Hollow shaft with shrink disc

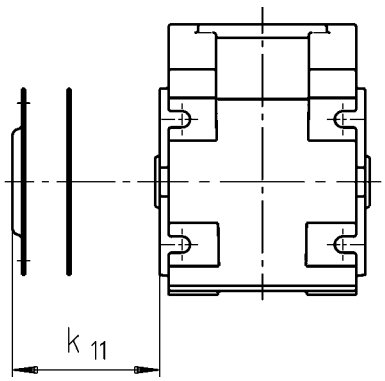


	d [1]	g_2	g_3	g_4	i_1	k_9	k_{10}	k_{11}	l	l_1	l_4
	h6										
GKR03	20	50	65	54	2.5	126	124	138	120	100	20
GKR04						146	144	158	144	120	
GKR05	30 35	80	90	84	4.0	176	177	182	171	151	28
GKR06	40	90	100	94	5.0	202	210	214	204	174	30

[1] Machine shaft design.

- Output flange and hollow shaft with shrink disc (output version SAK) are not possible in the same location. For additional dimensions see output version H□□.
- Ensure that the strength of the machine shaft material is adequate in shrink disc designs.
  When using typical steels (e.g. C45, 42CrMo4), the torques listed in the selection tables can be used without restriction. Please consult us if you wish to use material that is considerably weaker. Medium surface roughness Rz must not exceed 15 µm (turning is sufficient).

Hoseproof hollow shaft cover

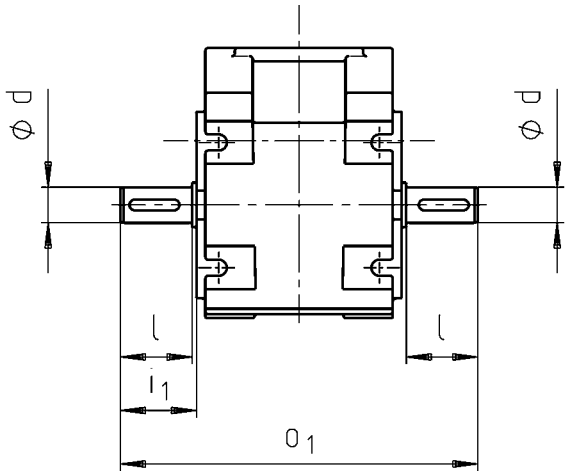


► Cover including gasket

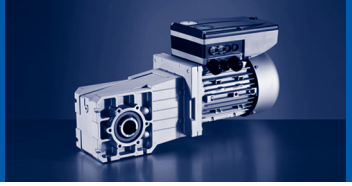
	k_{11}
	[mm]
GKR03	9
GKR04	
GKR05	10
GKR06	11

5

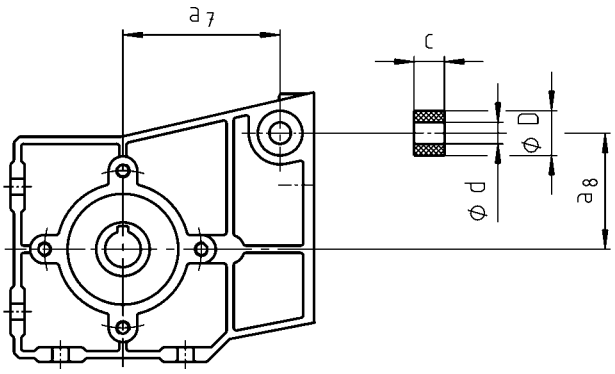
Gearbox with 2nd output shaft end



	d	l	i_1	o_1
	k6			
	[mm]	[mm]	[mm]	[mm]
GKR03	20	40	42.5	180
GKR04				200
GKR05	30	60	64.0	263
GKR06	35	70	75.0	310



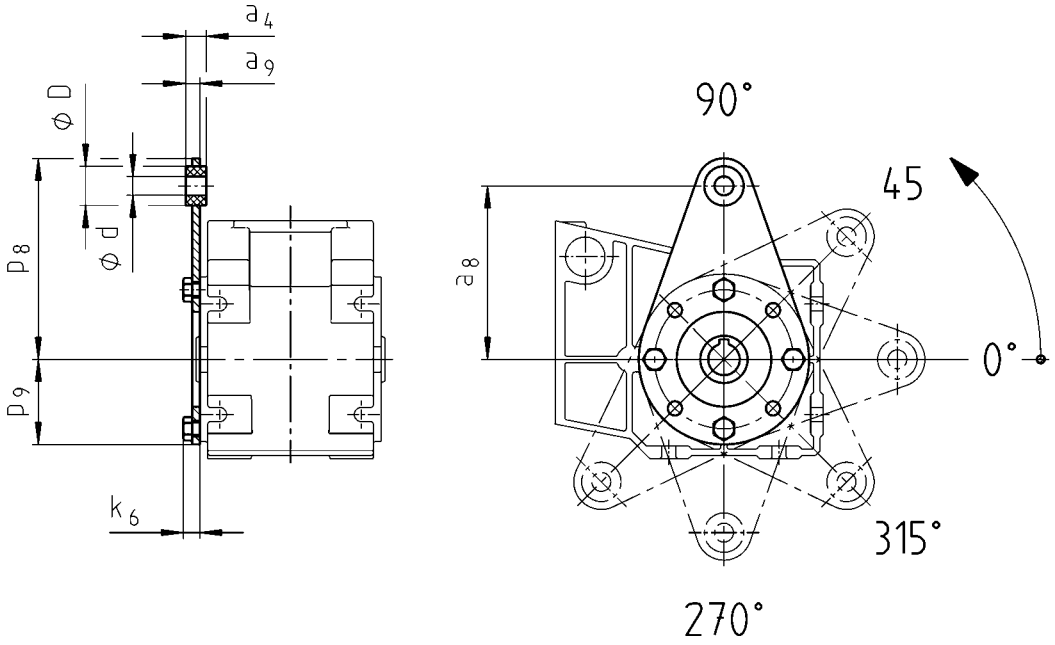
Rubber buffer for torque plate



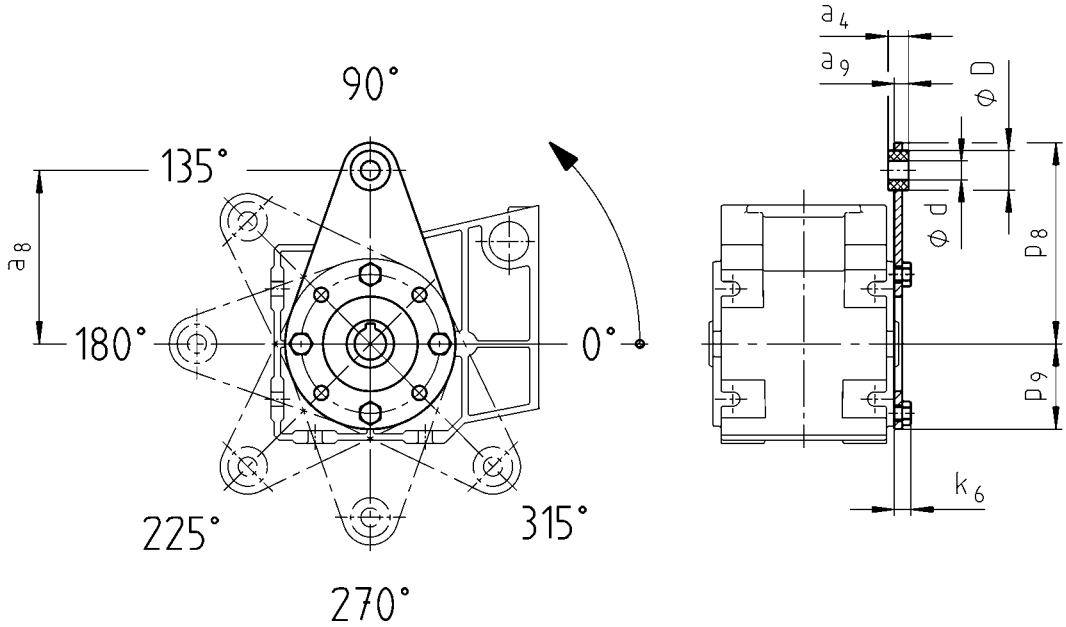
	d	D	c	a_7	a_8
GKR03	10	25	13.0	66.0	39
GKR04				88.0	65

Torque plate on threaded pitch circle

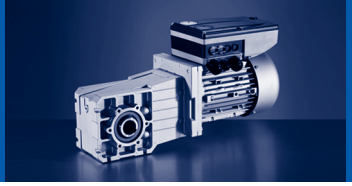
In position 3



In position 5

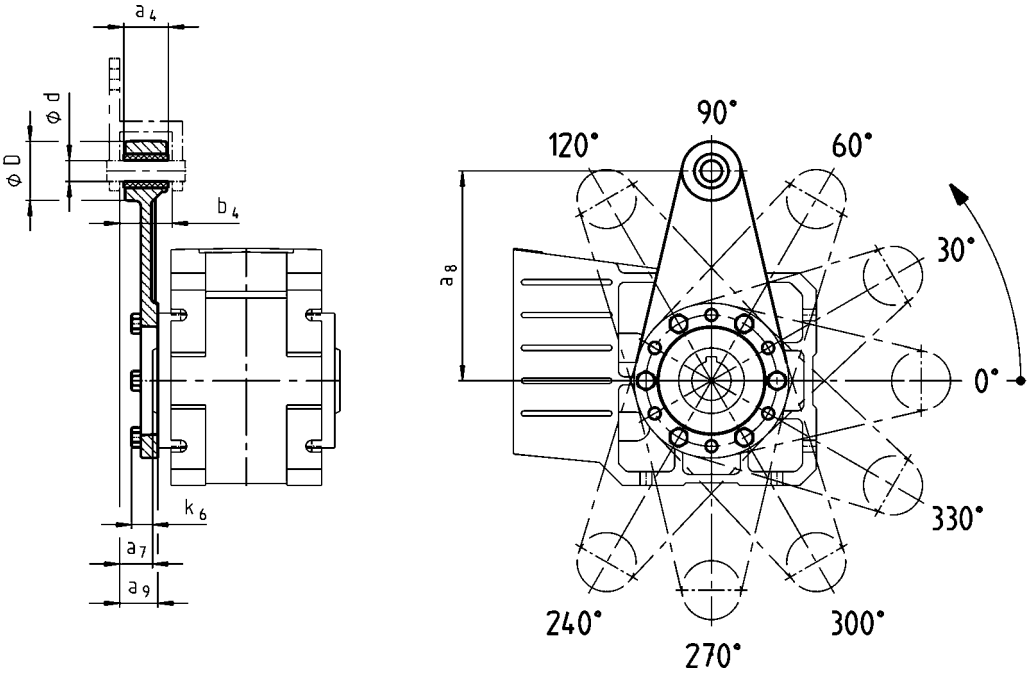


	a_4	a_8	a_9	d	D	k_6	p_8	p_9
GKR03	12	100	8.0	8	20	9	115	42
GKR04	13	110	9.0	10	25	11	128	54

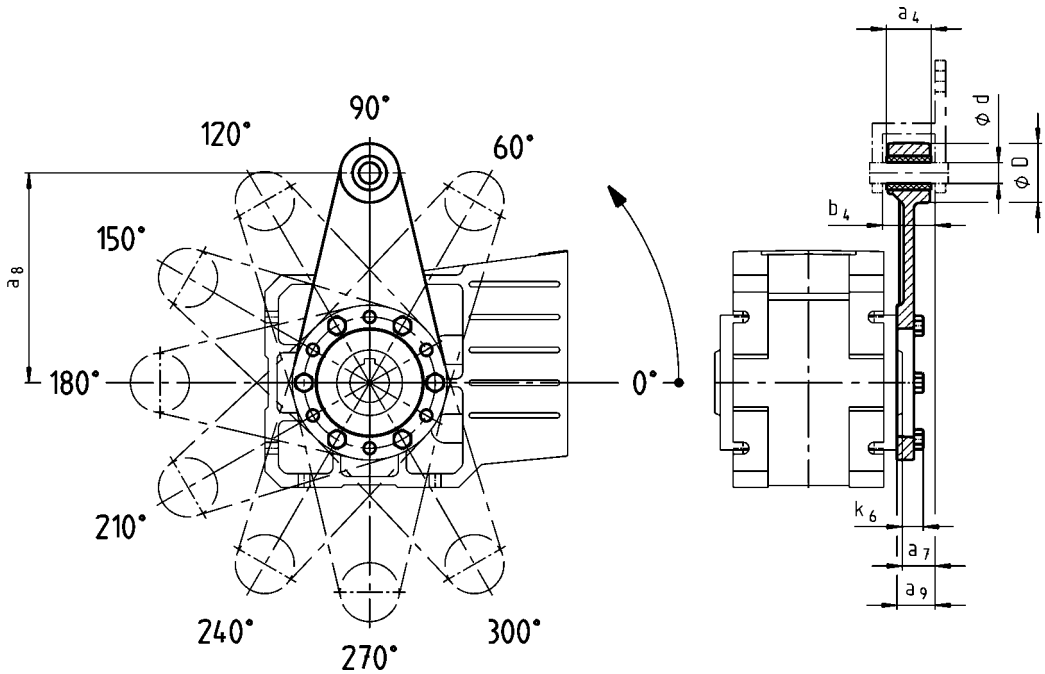


Torque plate on threaded pitch circle

In position 3



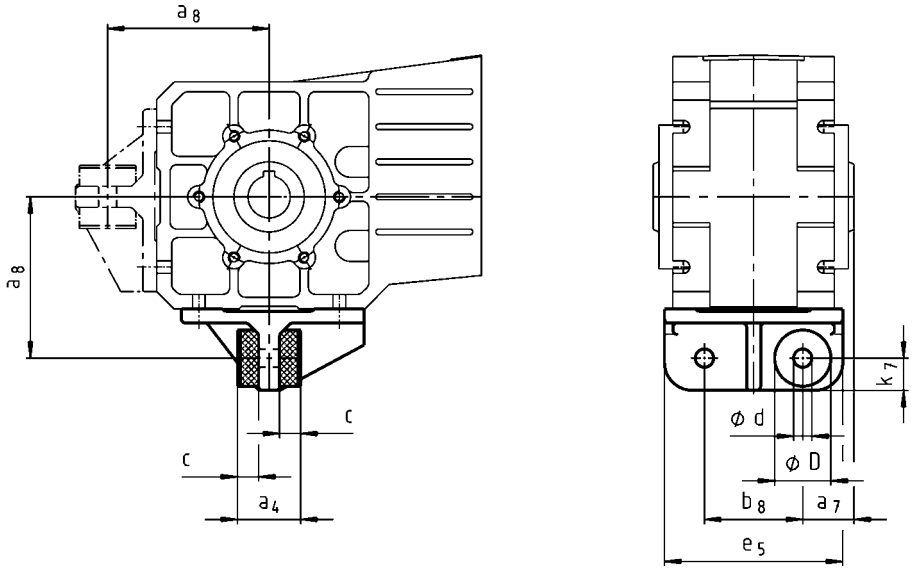
In position 5



	a_4	a_7	a_8	a_9	b_4	d	D	k_6
GKR05	34	23.5	160	27.5	38.5	16	45	15
GKR06	40	28.0	200	33.0	44.5	20	50	18

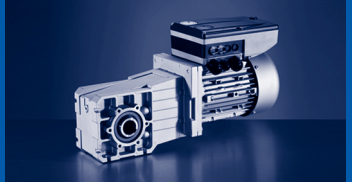
Torque plate at housing foot

In position 4 or 6

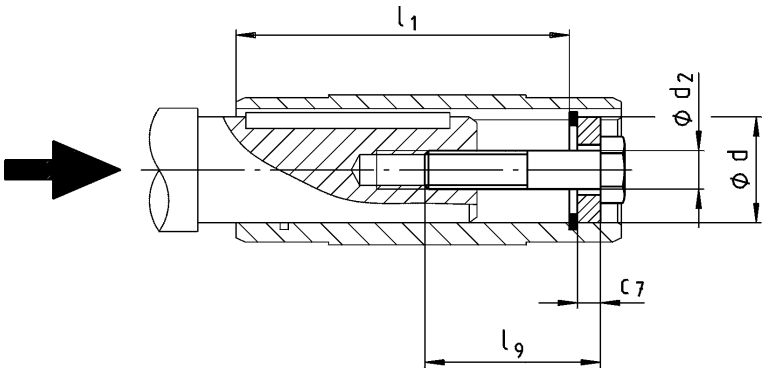


	a_4	a_7	a_8	b_8	c	d	D	e_5	k_7
GKR05	45	36.5	115	70	15.0	13	40	127	25
GKR06	72	45.0	145	80	27.0	17	50	145	30

5



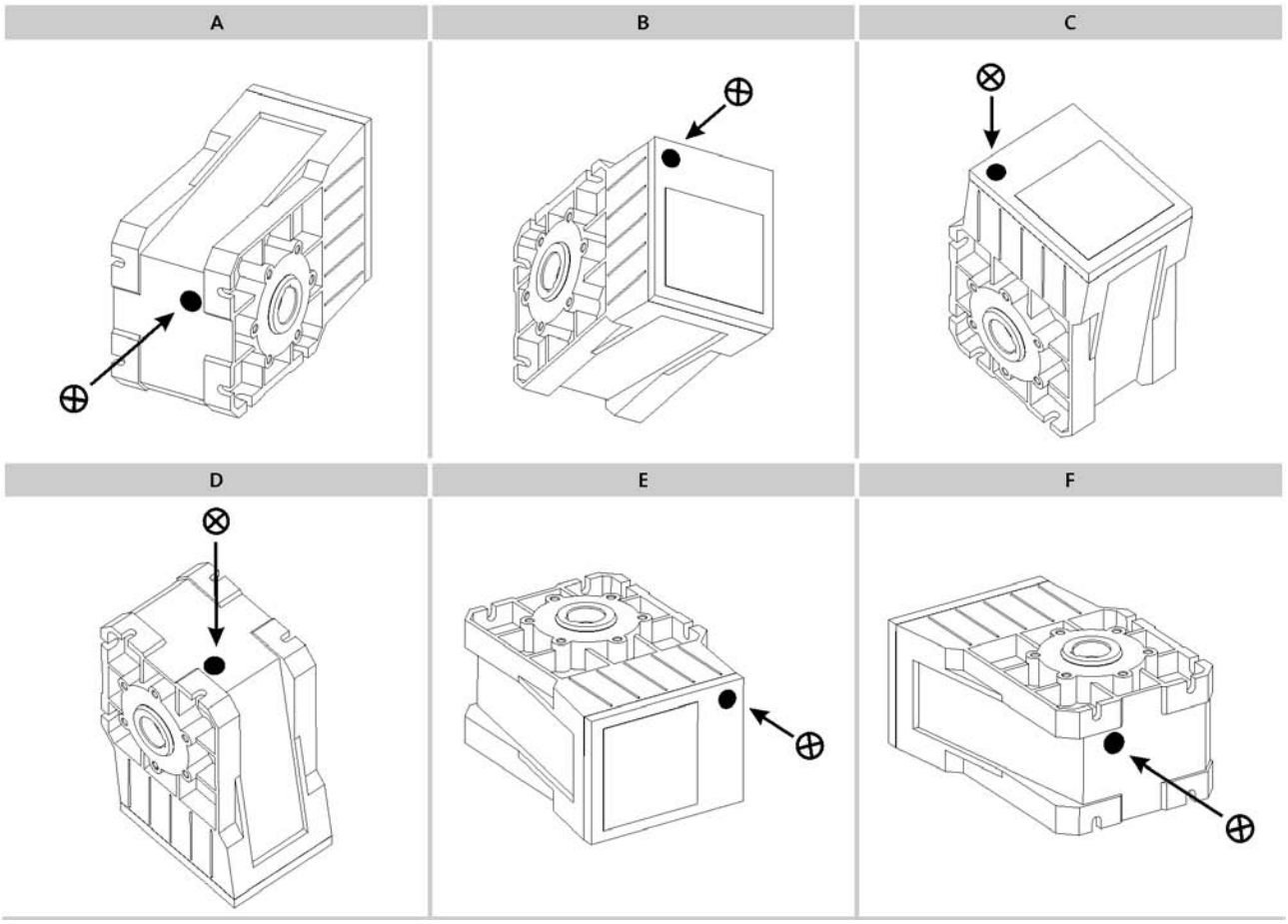
Mounting set for hollow shaft circlip - Proposed design for auxiliary tools



	d	l_1	d_2	l_9	c_7
	H7				
GKR03	18 20	85	M6	40	4
GKR04	20 25	105	M10		5
GKR05	30 35	127			6
			M12	50	7
GKR06	40 45	150	M16	60	8 9

Ventilation position

GKR06



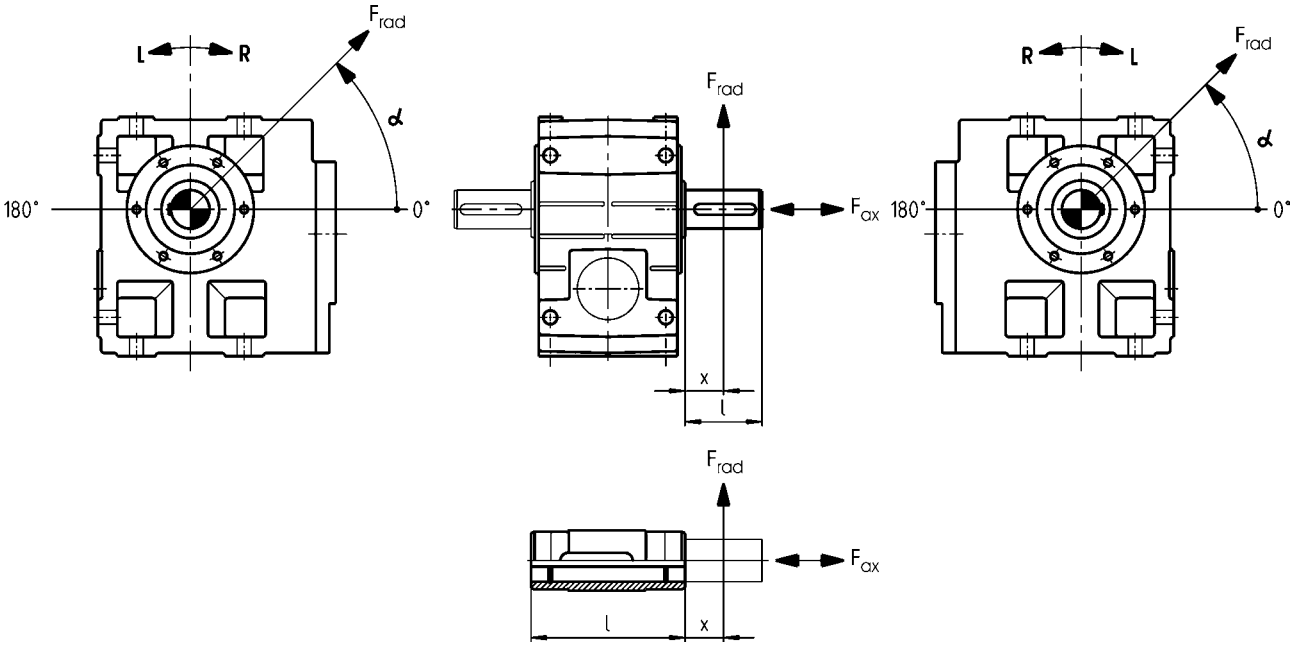
⊗ Ventilation

Permissible radial and axial forces at output

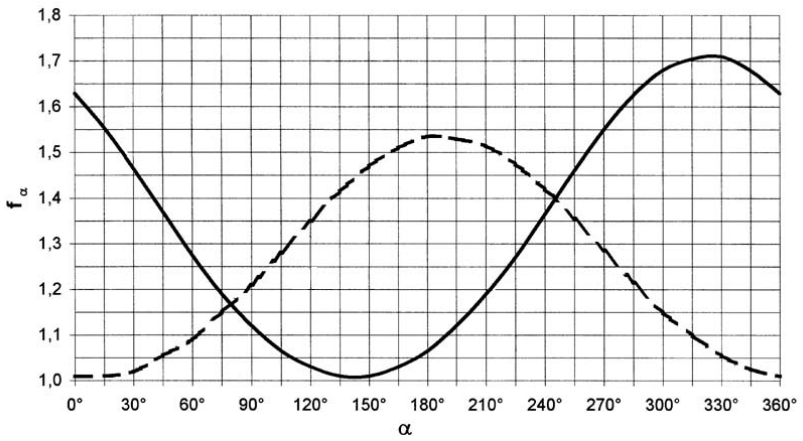
Permissible radial force
$F_{rad,per} = \min(f_w \times f_\alpha \times F_{rad,max}\ ;\ f_w \times F_{rad,max}$ at $n_2 \leq 16$ r/min)

Permissible axial force
$F_{ax,per} = F_{ax,max}$ if $F_{rad} = 0$

If F_{rad} **and** $F_{ax} \neq 0$; please contact Lenze.



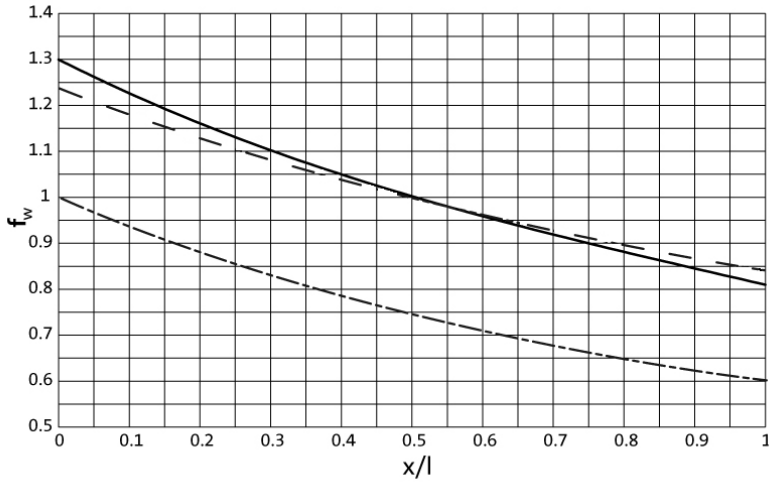
Effective direction factor f_α at output shaft



——— Direction of rotation R
— — — Direction of rotation L

6

Additional load factor f_w at output shaft



——— Solid shaft (V□□)
— — — Solid shaft with flange (V□K)
— · — Hollow shaft (H□□)

GKS□□-3/4□ H□□

Size	n_2 [r/min]								
Gearbox	630	400	250	160	100	63	40	25	≤16
	Max. radial force, Hollow shaft								
	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$
	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]
GKS04	3100	3900	4500	5100	5900	6800	7000	7000	7000
GKS05	2400	3500	4200	4630	5000	6200	7300	7300	7300
GKS06	3000	4600	5600	6400	7000	8200	10400	12000	12000
GKS07		5400	6300	7400	8700	10500	12500	15100	16000
GKS09		7500	8200	9400	10600	12200	15500	21000	24000
GKS11		9000	10000	11000	14000	16000	18500	25000	30000
GKS14		15000	15500	16500	17500	18500	21000	28000	40000
	Max. axial force, Hollow shaft								
	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$
	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]
GKS04	3300	4200	5000	5500	5500	5500	5500	5500	5500
GKS05	2800	3500	4240	5090	6160	6600	6600	6600	6600
GKS06	3500	4440	5580	6930	8710	10000	10000	10000	10000
GKS07		4900	6230	7820	9940	12600	14000	14000	14000
GKS09		6500	7400	8000	10500	13000	17000	21000	21000
GKS11		7000	8000	9200	12000	14500	18500	27000	27000
GKS14		6000	8000	10000	13000	16000	20000	28000	35000

- Application of force F_{rad}: at hollow shaft end face (x = 0)
- $F_{ax,max}$ only valid with F_{rad} = 0
- Neither radial nor axial forces are permissible for the hollow shaft with shrink disc (S□□).

GKS□□-3/4□ V□R

Size	n_2 [r/min]								
Gearbox	630	400	250	160	100	63	40	25	≤16
	Max. radial force, Solid shaft without flange								
	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$
	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]
GKS04	2400	3000	3400	3600	3600	3600	3600	3600	3600
GKS05	2200	2800	3200	3600	4100	4900	5800	5800	5800
GKS06	2700	3700	4300	4900	5300	6200	7900	9000	9000
GKS07		4000	4900	5800	6600	8000	9600	12000	12000
GKS09 [1]		6200	6400	7100	8400	9500	11800	16000	18000
GKS11 [1]		7100	7500	8200	10000	11200	13000	19000	23000
GKS14 [1]		57900	61000	64100	65000	65000	65000	65000	65000
	Max. axial force, Solid shaft without flange								
	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$
	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]
GKS04	3300	4200	5000	5500	5500	5500	5500	5500	5500
GKS05	2800	3500	4240	5090	6160	6600	6600	6600	6600
GKS06	3500	4440	5580	6930	8710	10000	10000	10000	10000
GKS07		4900	6230	7820	9940	12600	14000	14000	14000
GKS09 [1]		6500	7400	8000	10500	13000	17000	21000	21000
GKS11 [1]		7000	8000	9200	12000	14500	18500	27000	27000
GKS14 [1]		35000	35000	35000	35000	35000	35000	35000	35000

[1] Reinforced output shaft bearings are available on request for V□R versions.

- Application of force F_{rad}: centre of shaft journal (x = l/2)
- $F_{ax,max}$ only valid with F_{rad} = 0

GKS□□-3/4□ V□K

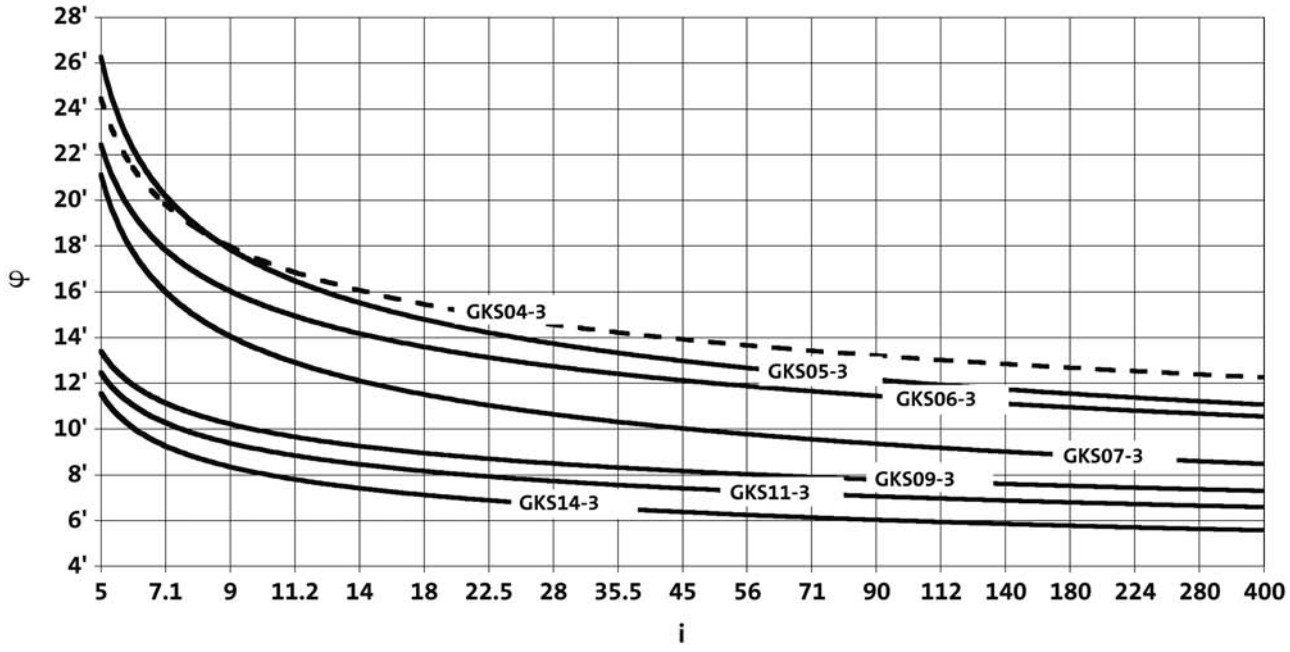
Size	n_2 [r/min]								
Gearbox	630	400	250	160	100	63	40	25	≤16
	Max. radial force, Solid shaft with flange								
	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$
	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]
GKS04	3100	3800	4300	4600	4600	4600	4600	4600	4600
GKS05	3800	4640	5420	6280	7000	7000	7000	7000	7000
GKS06	4700	6400	7500	8800	9800	10000	10000	10000	10000
GKS07		7000	8250	9630	11000	13000	14000	14000	14000
GKS09		9900	10500	12000	14000	15000	15000	15000	15000
GKS11		14500	16000	17600	21000	24500	28000	30000	30000
GKS14		20500	23700	27200	31300	35000	41000	43000	43000
	Max. axial force, Solid shaft with flange								
	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$
	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]
GKS04	3300	4200	4400	4400	4400	4400	4400	4400	4400
GKS05	2900	3630	4440	5420	6600	6600	6600	6600	6600
GKS06	3700	4660	5880	7320	9230	10000	10000	10000	10000
GKS07		5700	7000	8500	10400	11500	11500	11500	11500
GKS09		6000	6600	7600	10000	12000	15000	17000	17000
GKS11		7000	7500	8500	10500	13000	17500	27000	27000
GKS14		8400	10000	11500	13000	15000	19000	28000	35000

- Application of force F_{rad}: centre of shaft journal (x = l/2)
- $F_{ax,max}$ only valid with F_{rad} = 0

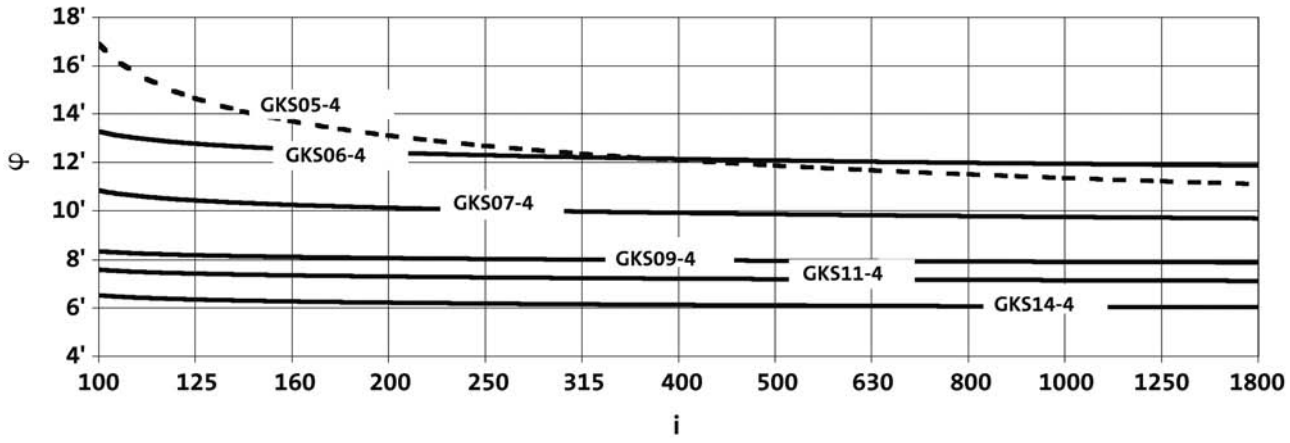
Output backlash in angular minutes

► Backlash φ depending on ratio i

GKS04...14-3



GKS05...14-4



6

GKS□□-3

- Moment of inertia (J) depending on ratio i

Gearbox			GKS04
5.123	J	[kgcm²]	1.170
7.025	J	[kgcm²]	0.676
8.167	J	[kgcm²]	0.863
8.991	J	[kgcm²]	0.444
11.730	J	[kgcm²]	0.729
13.067	J	[kgcm²]	0.701
14.333	J	[kgcm²]	0.346
16.087	J	[kgcm²]	0.443
17.920	J	[kgcm²]	0.428
20.588	J	[kgcm²]	0.302
22.522	J	[kgcm²]	0.262
25.088	J	[kgcm²]	0.254
28.727	J	[kgcm²]	0.182
32.000	J	[kgcm²]	0.177
35.191	J	[kgcm²]	0.136
39.200	J	[kgcm²]	0.132
44.240	J	[kgcm²]	0.090
50.943	J	[kgcm²]	0.181
56.976	J	[kgcm²]	0.061
64.978	J	[kgcm²]	0.132
72.210	J	[kgcm²]	0.040
79.598	J	[kgcm²]	0.103
90.491	J	[kgcm²]	0.027
100.067	J	[kgcm²]	0.069
111.467	J	[kgcm²]	0.069
128.874	J	[kgcm²]	0.048
143.556	J	[kgcm²]	0.048
163.332	J	[kgcm²]	0.032
181.939	J	[kgcm²]	0.032
204.682	J	[kgcm²]	0.022
228.000	J	[kgcm²]	0.022
269.660	J	[kgcm²]	0.014
300.381	J	[kgcm²]	0.014

Gearbox			GKS05
6.863	J	[kgcm²]	1.900
9.412	J	[kgcm²]	1.170
10.569	J	[kgcm²]	1.600
11.667	J	[kgcm²]	1.647
13.176	J	[kgcm²]	0.711
14.494	J	[kgcm²]	1.045
16.000	J	[kgcm²]	1.040
17.054	J	[kgcm²]	1.505
19.216	J	[kgcm²]	1.474
23.388	J	[kgcm²]	0.964
26.353	J	[kgcm²]	0.948
29.931	J	[kgcm²]	0.674
32.744	J	[kgcm²]	0.584
36.894	J	[kgcm²]	0.576
41.765	J	[kgcm²]	0.419
47.059	J	[kgcm²]	0.414
51.162	J	[kgcm²]	0.321
57.647	J	[kgcm²]	0.317
66.592	J	[kgcm²]	0.200
75.033	J	[kgcm²]	0.198
82.833	J	[kgcm²]	0.145
93.333	J	[kgcm²]	0.144
107.196	J	[kgcm²]	0.091
120.784	J	[kgcm²]	0.091
130.097	J	[kgcm²]	0.067
146.588	J	[kgcm²]	0.066
166.276	J	[kgcm²]	0.043
187.353	J	[kgcm²]	0.042
211.200	J	[kgcm²]	0.081
227.484	J	[kgcm²]	0.060
256.320	J	[kgcm²]	0.060
290.745	J	[kgcm²]	0.038
327.600	J	[kgcm²]	0.038

- The moments of inertia relate to the drive shaft of the gearbox.
- The total moment of inertia is calculated by adding the values of gearbox, motor and accessories.

- Moment of inertia (J) depending on ratio i

Gearbox			GKS06
6.485	J	[kgcm²]	5.870
9.196	J	[kgcm²]	5.048
10.147	J	[kgcm²]	4.858
11.382	J	[kgcm²]	2.492
12.612	J	[kgcm²]	3.199
14.824	J	[kgcm²]	4.287
16.699	J	[kgcm²]	4.163
17.809	J	[kgcm²]	2.126
20.329	J	[kgcm²]	2.794
22.902	J	[kgcm²]	2.729
26.017	J	[kgcm²]	1.941
28.461	J	[kgcm²]	1.666
32.063	J	[kgcm²]	1.632
36.303	J	[kgcm²]	1.183
41.472	J	[kgcm²]	2.110
44.471	J	[kgcm²]	0.900
53.074	J	[kgcm²]	1.523
57.882	J	[kgcm²]	0.578
65.207	J	[kgcm²]	0.570
72.000	J	[kgcm²]	0.422
81.111	J	[kgcm²]	0.416
93.176	J	[kgcm²]	0.257
104.967	J	[kgcm²]	0.254
113.082	J	[kgcm²]	0.189
127.392	J	[kgcm²]	0.186
142.941	J	[kgcm²]	0.122
161.029	J	[kgcm²]	0.121
190.080	J	[kgcm²]	0.227
214.133	J	[kgcm²]	0.226
230.688	J	[kgcm²]	0.168
259.880	J	[kgcm²]	0.167
291.600	J	[kgcm²]	0.109
328.500	J	[kgcm²]	0.109

Gearbox			GKS07
5.955	J	[kgcm²]	19.300
8.254	J	[kgcm²]	11.800
9.171	J	[kgcm²]	16.000
10.124	J	[kgcm²]	15.882
11.378	J	[kgcm²]	7.019
12.711	J	[kgcm²]	10.164
14.798	J	[kgcm²]	14.306
16.674	J	[kgcm²]	13.965
17.270	J	[kgcm²]	7.258
20.511	J	[kgcm²]	9.084
23.111	J	[kgcm²]	8.906
25.244	J	[kgcm²]	6.716
28.274	J	[kgcm²]	5.567
31.858	J	[kgcm²]	5.473
36.063	J	[kgcm²]	3.650
40.906	J	[kgcm²]	6.934
44.178	J	[kgcm²]	2.779
50.345	J	[kgcm²]	5.298
57.501	J	[kgcm²]	1.748
64.790	J	[kgcm²]	1.725
70.474	J	[kgcm²]	1.295
79.407	J	[kgcm²]	1.280
92.563	J	[kgcm²]	0.808
104.296	J	[kgcm²]	0.799
112.338	J	[kgcm²]	0.592
126.578	J	[kgcm²]	0.586
140.548	J	[kgcm²]	1.113
158.364	J	[kgcm²]	1.113
184.600	J	[kgcm²]	0.687
208.000	J	[kgcm²]	0.685
224.037	J	[kgcm²]	0.510
252.436	J	[kgcm²]	0.509
283.193	J	[kgcm²]	0.330
319.091	J	[kgcm²]	0.329

- The moments of inertia relate to the drive shaft of the gearbox.
- The total moment of inertia is calculated by adding the values of gearbox, motor and accessories.

► Moment of inertia (J) depending on ratio i

Gearbox			GKS09
12.283	J	[kgcm²]	34.200
13.360	J	[kgcm²]	33.400
16.122	J	[kgcm²]	22.600
17.536	J	[kgcm²]	22.200
19.541	J	[kgcm²]	30.600
22.022	J	[kgcm²]	29.900
25.649	J	[kgcm²]	20.500
29.228	J	[kgcm²]	15.900
32.940	J	[kgcm²]	15.600
35.193	J	[kgcm²]	12.200
39.662	J	[kgcm²]	12.000
43.146	J	[kgcm²]	9.000
48.625	J	[kgcm²]	8.870
58.456	J	[kgcm²]	5.540
65.879	J	[kgcm²]	5.470
70.982	J	[kgcm²]	4.140
79.996	J	[kgcm²]	4.100
91.860	J	[kgcm²]	2.630
103.524	J	[kgcm²]	2.610
111.484	J	[kgcm²]	1.920
125.641	J	[kgcm²]	1.900
140.921	J	[kgcm²]	1.260
158.816	J	[kgcm²]	1.250
182.000	J	[kgcm²]	2.250
205.111	J	[kgcm²]	2.240
220.882	J	[kgcm²]	1.660
248.930	J	[kgcm²]	1.650
279.205	J	[kgcm²]	1.100
314.659	J	[kgcm²]	1.100

► The moments of inertia relate to the drive shaft of the gearbox.
► The total moment of inertia is calculated by adding the values of gearbox, motor and accessories.

GKS□□-4

- Moment of inertia (J) depending on ratio i

Gearbox			GKS05
95.238	J	[kgcm²]	0.143
114.987	J	[kgcm²]	0.196
126.933	J	[kgcm²]	0.196
146.667	J	[kgcm²]	0.142
161.905	J	[kgcm²]	0.141
185.547	J	[kgcm²]	0.195
209.067	J	[kgcm²]	0.195
225.867	J	[kgcm²]	0.073
236.667	J	[kgcm²]	0.141
289.917	J	[kgcm²]	0.108
326.667	J	[kgcm²]	0.108
364.467	J	[kgcm²]	0.073
410.667	J	[kgcm²]	0.073
469.389	J	[kgcm²]	0.050
510.000	J	[kgcm²]	0.023
528.889	J	[kgcm²]	0.050
594.894	J	[kgcm²]	0.033
670.303	J	[kgcm²]	0.033
820.760	J	[kgcm²]	0.050
924.800	J	[kgcm²]	0.050
1040.215	J	[kgcm²]	0.033
1172.073	J	[kgcm²]	0.033
1303.560	J	[kgcm²]	0.023
1468.800	J	[kgcm²]	0.023
1717.389	J	[kgcm²]	0.014
1935.086	J	[kgcm²]	0.014

Gearbox			GKS06
103.721	J	[kgcm²]	0.300
113.205	J	[kgcm²]	0.234
127.059	J	[kgcm²]	0.264
140.816	J	[kgcm²]	0.213
155.647	J	[kgcm²]	0.191
174.336	J	[kgcm²]	0.112
202.588	J	[kgcm²]	0.168
224.524	J	[kgcm²]	0.074
252.000	J	[kgcm²]	0.155
279.286	J	[kgcm²]	0.069
316.800	J	[kgcm²]	0.102
361.429	J	[kgcm²]	0.064
408.000	J	[kgcm²]	0.068
458.067	J	[kgcm²]	0.042
517.091	J	[kgcm²]	0.044
555.927	J	[kgcm²]	0.041
640.800	J	[kgcm²]	0.062
696.668	J	[kgcm²]	0.028
812.137	J	[kgcm²]	0.040
914.907	J	[kgcm²]	0.040
1017.741	J	[kgcm²]	0.028
1146.529	J	[kgcm²]	0.028
1340.834	J	[kgcm²]	0.017
1510.507	J	[kgcm²]	0.017

- The moments of inertia relate to the drive shaft of the gearbox.
- The total moment of inertia is calculated by adding the values of gearbox, motor and accessories.

► Moment of inertia (J) depending on ratio i

Gearbox			GKS07
103.039	J	[kgcm²]	0.837
112.391	J	[kgcm²]	0.632
126.222	J	[kgcm²]	0.729
137.748	J	[kgcm²]	0.571
154.622	J	[kgcm²]	0.527
179.201	J	[kgcm²]	0.283
201.254	J	[kgcm²]	0.454
222.909	J	[kgcm²]	0.199
246.659	J	[kgcm²]	0.417
273.199	J	[kgcm²]	0.184
321.049	J	[kgcm²]	0.256
358.829	J	[kgcm²]	0.169
399.353	J	[kgcm²]	0.182
464.367	J	[kgcm²]	0.106
516.810	J	[kgcm²]	0.113
563.572	J	[kgcm²]	0.101
636.581	J	[kgcm²]	0.161
683.972	J	[kgcm²]	0.074
823.810	J	[kgcm²]	0.101
928.237	J	[kgcm²]	0.101
999.806	J	[kgcm²]	0.073
1126.542	J	[kgcm²]	0.073
1277.842	J	[kgcm²]	0.047
1439.822	J	[kgcm²]	0.047

Gearbox			GKS09
100.551	J	[kgcm²]	2.480
113.320	J	[kgcm²]	2.456
123.275	J	[kgcm²]	2.107
138.929	J	[kgcm²]	2.091
151.012	J	[kgcm²]	1.516
170.188	J	[kgcm²]	1.505
204.596	J	[kgcm²]	1.244
230.577	J	[kgcm²]	1.239
248.439	J	[kgcm²]	1.128
279.986	J	[kgcm²]	1.125
323.365	J	[kgcm²]	0.713
364.427	J	[kgcm²]	0.710
402.234	J	[kgcm²]	0.509
453.311	J	[kgcm²]	0.507
520.538	J	[kgcm²]	0.466
586.638	J	[kgcm²]	0.465
631.744	J	[kgcm²]	0.443
711.965	J	[kgcm²]	0.443
817.551	J	[kgcm²]	0.276
921.367	J	[kgcm²]	0.276
992.209	J	[kgcm²]	0.201
1118.204	J	[kgcm²]	0.201
1254.197	J	[kgcm²]	0.130
1413.461	J	[kgcm²]	0.130

► The moments of inertia relate to the drive shaft of the gearbox.
► The total moment of inertia is calculated by adding the values of gearbox, motor and accessories.

- Moment of inertia (J) depending on ratio i

Gearbox			GKS11
102.119	J	[kgcm²]	7.276
115.063	J	[kgcm²]	7.205
125.095	J	[kgcm²]	6.233
140.952	J	[kgcm²]	6.186
153.242	J	[kgcm²]	4.500
172.667	J	[kgcm²]	4.469
201.890	J	[kgcm²]	3.735
227.481	J	[kgcm²]	3.717
248.106	J	[kgcm²]	3.355
279.556	J	[kgcm²]	3.343
322.931	J	[kgcm²]	2.088
363.866	J	[kgcm²]	2.081
395.787	J	[kgcm²]	1.521
445.958	J	[kgcm²]	1.517
512.196	J	[kgcm²]	1.385
577.122	J	[kgcm²]	1.382
621.619	J	[kgcm²]	1.314
700.416	J	[kgcm²]	1.312
816.455	J	[kgcm²]	0.819
919.949	J	[kgcm²]	0.818
990.879	J	[kgcm²]	0.600
1116.484	J	[kgcm²]	0.599
1252.516	J	[kgcm²]	0.386
1411.286	J	[kgcm²]	0.385

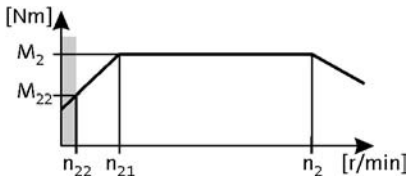
Gearbox			GKS14
97.467	J	[kgcm²]	23.471
109.822	J	[kgcm²]	23.232
119.493	J	[kgcm²]	19.936
134.640	J	[kgcm²]	19.777
158.039	J	[kgcm²]	16.438
178.072	J	[kgcm²]	16.348
193.754	J	[kgcm²]	12.076
218.315	J	[kgcm²]	12.016
237.467	J	[kgcm²]	10.871
267.568	J	[kgcm²]	10.830
321.729	J	[kgcm²]	6.420
362.512	J	[kgcm²]	6.398
390.671	J	[kgcm²]	4.749
440.193	J	[kgcm²]	4.734
513.121	J	[kgcm²]	4.330
578.164	J	[kgcm²]	4.322
622.742	J	[kgcm²]	4.122
701.681	J	[kgcm²]	4.116
805.901	J	[kgcm²]	2.620
908.058	J	[kgcm²]	2.617
978.071	J	[kgcm²]	1.912
1102.052	J	[kgcm²]	1.909
1236.326	J	[kgcm²]	1.259
1393.043	J	[kgcm²]	1.258

- The moments of inertia relate to the drive shaft of the gearbox.
- The total moment of inertia is calculated by adding the values of gearbox, motor and accessories.

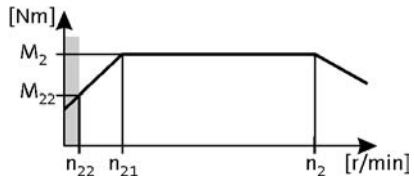
50 Hz: P_N = 0.37 kW

n_{22} / n_2 = 1 ... 10.0

n_1 = 141.0 ... 1410 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
28	117	-	275	9.4	12	4.0	5.123	GKS04-3M □□□071C32	E84DVB□3714S□1N2G	538
20	85	-	201	13	17	4.0	7.025	GKS04-3M □□□071C32	E84DVB□3714S□1N2G	538
17	74	-	173	15	19	4.0	8.167	GKS04-3M □□□071C32	E84DVB□3714S□1N2G	538
16	67	-	157	17	21	4.5	8.991	GKS04-3M □□□071C32	E84DVB□3714S□1N2G	538
14	61	-	143	18	23	4.5	9.836	GKS04-3M □□□071C32	E84DVB□3714S□1N2G	538
12	51	-	120	22	28	4.0	11.730	GKS04-3M □□□071C32	E84DVB□3714S□1N2G	538
11	46	-	108	24	31	4.0	13.067	GKS04-3M □□□071C32	E84DVB□3714S□1N2G	538
9.8	42	-	98	26	34	4.5	14.333	GKS04-3M □□□071C32	E84DVB□3714S□1N2G	538
8.8	37	-	88	30	38	4.0	16.087	GKS04-3M □□□071C32	E84DVB□3714S□1N2G	538
7.9	34	-	79	33	43	3.9	17.920	GKS04-3M □□□071C32	E84DVB□3714S□1N2G	538
6.9	29	-	69	38	49	3.7	20.588	GKS04-3M □□□071C32	E84DVB□3714S□1N2G	538
6.3	27	-	63	41	54	3.4	22.522	GKS04-3M □□□071C32	E84DVB□3714S□1N2G	538
5.6	24	-	56	46	60	2.8	25.088	GKS04-3M □□□071C32	E84DVB□3714S□1N2G	538
4.9	21	-	49	53	68	2.7	28.727	GKS04-3M □□□071C32	E84DVB□3714S□1N2G	538
4.4	19	-	44	59	76	2.2	32.000	GKS04-3M □□□071C32	E84DVB□3714S□1N2G	538
4.0	17	-	40	65	84	2.2	35.191	GKS04-3M □□□071C32	E84DVB□3714S□1N2G	538
3.6	15	-	36	72	93	1.8	39.200	GKS04-3M □□□071C32	E84DVB□3714S□1N2G	538
3.2	14	-	32	81	105	1.8	44.240	GKS04-3M □□□071C32	E84DVB□3714S□1N2G	538
3.0	13	-	30	86	112	2.7	47.059	GKS05-3M □□□071C32	E84DVB□3714S□1N2G	538
2.8	12	-	28	93	121	1.5	50.943	GKS04-3M □□□071C32	E84DVB□3714S□1N2G	538
2.5	11	-	25	104	136	1.4	56.976	GKS04-3M □□□071C32	E84DVB□3714S□1N2G	538
2.2	9.2	-	22	119	155	1.2	64.978	GKS04-3M □□□071C32	E84DVB□3714S□1N2G	538
2.1	9.0	-	21	122	159	2.1	66.592	GKS05-3M □□□071C32	E84DVB□3714S□1N2G	538
2.0	8.3	-	20	132	172	1.1	72.210	GKS04-3M □□□071C32	E84DVB□3714S□1N2G	538
1.9	8.0	-	19	138	179	1.7	75.033	GKS05-3M □□□071C32	E84DVB□3714S□1N2G	538
1.8	7.5	-	18	146	190	1.0	79.598	GKS04-3M □□□071C32	E84DVB□3714S□1N2G	538
1.7	7.2	-	17	152	197	1.7	82.833	GKS05-3M □□□071C32	E84DVB□3714S□1N2G	538
1.6	6.6	-	16	166	215	0.9	90.491	GKS04-3M □□□071C32	E84DVB□3714S□1N2G	538
1.5	6.4	-	15	171	222	1.4	93.333	GKS05-3M □□□071C32	E84DVB□3714S□1N2G	538
1.5	6.4	-	15	171	222	3.2	93.176	GKS06-3M □□□071C32	E84DVB□3714S□1N2G	538
1.4	5.8	-	14	187	243	2.8	103.721	GKS06-4M □□□071C32	E84DVB□3714S□1N2G	546
1.3	5.6	-	13	197	255	1.3	107.196	GKS05-3M □□□071C32	E84DVB□3714S□1N2G	538
1.3	5.3	-	13	204	265	2.0	113.205	GKS06-4M □□□071C32	E84DVB□3714S□1N2G	546
1.3	5.7	-	13	192	250	2.5	104.967	GKS06-3M □□□071C32	E84DVB□3714S□1N2G	538
1.3	5.3	-	13	207	269	2.6	113.082	GKS06-3M □□□071C32	E84DVB□3714S□1N2G	538
1.2	5.2	-	12	207	269	1.0	114.987	GKS05-4M □□□071C32	E84DVB□3714S□1N2G	546
1.2	5.0	-	12	221	288	1.1	120.784	GKS05-3M □□□071C32	E84DVB□3714S□1N2G	538
1.1	4.7	-	11	229	297	1.0	126.933	GKS05-4M □□□071C32	E84DVB□3714S□1N2G	546
1.1	4.6	-	11	238	310	1.1	130.097	GKS05-3M □□□071C32	E84DVB□3714S□1N2G	538
1.1	4.7	-	11	234	303	2.1	127.392	GKS06-3M □□□071C32	E84DVB□3714S□1N2G	538
1.1	4.7	-	11	229	297	2.3	127.059	GKS06-4M □□□071C32	E84DVB□3714S□1N2G	546



50 Hz: P_N = 0.37 kW

n_{22} / n_2 = 1 ... 10.0

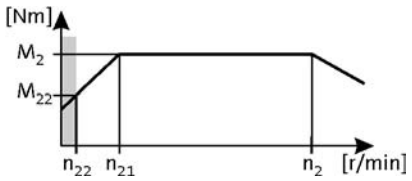
n_1 = 141.0 ... 1410 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
1.0	4.3	-	10	254	330	1.6	140.816	GKS06-4M □□□071C32	E84DVB□3714S□1N2G	546
1.0	4.2	-	9.9	262	340	2.1	142.941	GKS06-3M □□□071C32	E84DVB□3714S□1N2G	538
1.0	4.1	-	9.6	269	349	0.9	146.588	GKS05-3M □□□071C32	E84DVB□3714S□1N2G	538
0.9	3.9	-	9.1	280	364	1.9	155.647	GKS06-4M □□□071C32	E84DVB□3714S□1N2G	546
0.9	3.7	-	8.8	295	383	1.7	161.029	GKS06-3M □□□071C32	E84DVB□3714S□1N2G	538
0.9	3.6	-	8.5	305	396	0.8	166.276	GKS05-3M □□□071C32	E84DVB□3714S□1N2G	538
0.8	3.4	-	8.1	314	408	1.3	174.336	GKS06-4M □□□071C32	E84DVB□3714S□1N2G	546
0.8	3.4	-	7.9	323	419	2.5	179.201	GKS07-4M □□□071C32	E84DVB□3714S□1N2G	546
0.7	3.2	-	7.4	348	452	1.6	190.080	GKS06-3M □□□071C32	E84DVB□3714S□1N2G	538
0.7	3.0	-	7.0	365	474	1.5	202.588	GKS06-4M □□□071C32	E84DVB□3714S□1N2G	546
0.7	2.8	-	6.6	393	510	1.3	214.133	GKS06-3M □□□071C32	E84DVB□3714S□1N2G	538
0.6	2.7	-	6.3	405	525	1.0	224.524	GKS06-4M □□□071C32	E84DVB□3714S□1N2G	546
0.6	2.7	-	6.3	402	522	2.0	222.909	GKS07-4M □□□071C32	E84DVB□3714S□1N2G	546
0.6	2.6	-	6.1	423	549	1.3	230.688	GKS06-3M □□□071C32	E84DVB□3714S□1N2G	538
0.6	2.4	-	5.6	454	590	1.2	252.000	GKS06-4M □□□071C32	E84DVB□3714S□1N2G	546
0.5	2.3	-	5.4	476	619	1.0	259.880	GKS06-3M □□□071C32	E84DVB□3714S□1N2G	538
0.5	2.2	-	5.2	492	639	1.7	273.199	GKS07-4M □□□071C32	E84DVB□3714S□1N2G	546
0.5	2.2	-	5.1	503	654	0.8	279.286	GKS06-4M □□□071C32	E84DVB□3714S□1N2G	546
0.5	2.1	-	4.8	534	694	1.0	291.600	GKS06-3M □□□071C32	E84DVB□3714S□1N2G	538
0.5	1.9	-	4.5	571	741	1.0	316.800	GKS06-4M □□□071C32	E84DVB□3714S□1N2G	546
0.4	1.9	-	4.4	578	751	1.8	321.049	GKS07-4M □□□071C32	E84DVB□3714S□1N2G	546
0.4	1.8	-	4.3	602	782	0.8	328.500	GKS06-3M □□□071C32	E84DVB□3714S□1N2G	538
0.4	1.7	-	3.9	647	840	1.3	358.829	GKS07-4M □□□071C32	E84DVB□3714S□1N2G	546
0.4	1.5	-	3.5	720	934	1.4	399.353	GKS07-4M □□□071C32	E84DVB□3714S□1N2G	546
0.3	1.3	-	3.0	837	1087	1.0	464.367	GKS07-4M □□□071C32	E84DVB□3714S□1N2G	546
0.3	1.2	-	2.7	931	1209	1.1	516.810	GKS07-4M □□□071C32	E84DVB□3714S□1N2G	546
0.2	0.9	-	2.2	1147	1489	0.9	636.581	GKS07-4M □□□071C32	E84DVB□3714S□1N2G	546
0.2	0.7	-	1.7	1473	1913	1.6	817.551	GKS09-4M □□□071C32	E84DVB□3714S□1N2G	546
0.2	0.7	-	1.5	1660	2156	1.4	921.367	GKS09-4M □□□071C32	E84DVB□3714S□1N2G	546
0.1	0.6	-	1.4	1788	2322	1.3	992.209	GKS09-4M □□□071C32	E84DVB□3714S□1N2G	546
0.1	0.5	-	1.3	2015	2616	1.2	1118.204	GKS09-4M □□□071C32	E84DVB□3714S□1N2G	546
0.1	0.5	-	1.1	2260	2935	1.0	1254.197	GKS09-4M □□□071C32	E84DVB□3714S□1N2G	546
0.1	0.4	-	1.0	2547	3307	0.9	1413.461	GKS09-4M □□□071C32	E84DVB□3714S□1N2G	546

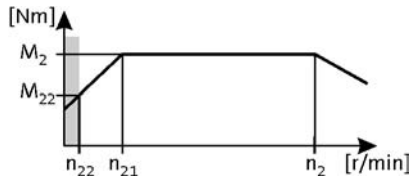
50 Hz: P_N = 0.55 kW

n_{22} / n_2 = 1 ... 10.0

n_1 = 140.5 ... 1405 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
27	117	-	274	14	18	4.4	5.123	GKS04-3M □□□071C42	E84DVB□5514S□1N2G	538
20	85	-	200	19	25	3.7	7.025	GKS04-3M □□□071C42	E84DVB□5514S□1N2G	538
17	74	-	172	22	29	4.4	8.167	GKS04-3M □□□071C42	E84DVB□5514S□1N2G	538
16	67	-	156	25	32	3.2	8.991	GKS04-3M □□□071C42	E84DVB□5514S□1N2G	538
14	61	-	143	27	35	3.0	9.836	GKS04-3M □□□071C42	E84DVB□5514S□1N2G	538
12	51	-	120	32	42	4.3	11.730	GKS04-3M □□□071C42	E84DVB□5514S□1N2G	538
11	46	-	107	36	47	3.5	13.176	GKS05-3M □□□071C42	E84DVB□5514S□1N2G	538
9.8	42	-	98	39	51	3.2	14.333	GKS04-3M □□□071C42	E84DVB□5514S□1N2G	538
8.7	37	-	87	44	57	3.2	16.087	GKS04-3M □□□071C42	E84DVB□5514S□1N2G	538
7.8	34	-	78	49	64	2.6	17.920	GKS04-3M □□□071C42	E84DVB□5514S□1N2G	538
6.8	29	-	68	56	73	2.5	20.588	GKS04-3M □□□071C42	E84DVB□5514S□1N2G	538
6.2	27	-	62	62	80	2.3	22.522	GKS04-3M □□□071C42	E84DVB□5514S□1N2G	538
5.6	24	-	56	69	89	1.9	25.088	GKS04-3M □□□071C42	E84DVB□5514S□1N2G	538
4.9	21	-	49	79	102	1.8	28.727	GKS04-3M □□□071C42	E84DVB□5514S□1N2G	538
4.7	20	-	47	82	106	3.1	29.931	GKS05-3M □□□071C42	E84DVB□5514S□1N2G	538
4.4	19	-	44	88	114	1.5	32.000	GKS04-3M □□□071C42	E84DVB□5514S□1N2G	538
4.3	18	-	43	90	116	2.9	32.744	GKS05-3M □□□071C42	E84DVB□5514S□1N2G	538
4.0	17	-	40	96	125	1.5	35.191	GKS04-3M □□□071C42	E84DVB□5514S□1N2G	538
3.8	16	-	38	101	131	2.3	36.894	GKS05-3M □□□071C42	E84DVB□5514S□1N2G	538
3.6	15	-	36	107	139	1.2	39.200	GKS04-3M □□□071C42	E84DVB□5514S□1N2G	538
3.4	14	-	34	114	148	2.2	41.765	GKS05-3M □□□071C42	E84DVB□5514S□1N2G	538
3.2	14	-	32	121	157	1.2	44.240	GKS04-3M □□□071C42	E84DVB□5514S□1N2G	538
3.0	13	-	30	129	167	1.8	47.059	GKS05-3M □□□071C42	E84DVB□5514S□1N2G	538
2.8	12	-	28	139	181	1.0	50.943	GKS04-3M □□□071C42	E84DVB□5514S□1N2G	538
2.8	12	-	28	140	182	1.8	51.162	GKS05-3M □□□071C42	E84DVB□5514S□1N2G	538
2.5	11	-	25	156	202	0.9	56.976	GKS04-3M □□□071C42	E84DVB□5514S□1N2G	538
2.4	10	-	24	158	205	1.5	57.647	GKS05-3M □□□071C42	E84DVB□5514S□1N2G	538
2.2	9.2	-	22	178	232	2.7	65.207	GKS06-3M □□□071C42	E84DVB□5514S□1N2G	538
2.1	9.0	-	21	182	236	1.4	66.592	GKS05-3M □□□071C42	E84DVB□5514S□1N2G	538
2.0	8.3	-	20	197	256	2.8	72.000	GKS06-3M □□□071C42	E84DVB□5514S□1N2G	538
1.9	8.0	-	19	205	266	1.2	75.033	GKS05-3M □□□071C42	E84DVB□5514S□1N2G	538
1.7	7.2	-	17	227	294	1.1	82.833	GKS05-3M □□□071C42	E84DVB□5514S□1N2G	538
1.7	7.4	-	17	222	288	2.2	81.111	GKS06-3M □□□071C42	E84DVB□5514S□1N2G	538
1.5	6.4	-	15	255	331	1.0	93.333	GKS05-3M □□□071C42	E84DVB□5514S□1N2G	538
1.5	6.4	-	15	255	331	2.1	93.176	GKS06-3M □□□071C42	E84DVB□5514S□1N2G	538
1.4	5.8	-	14	279	362	1.9	103.721	GKS06-4M □□□071C42	E84DVB□5514S□1N2G	546
1.3	5.6	-	13	293	381	0.9	107.196	GKS05-3M □□□071C42	E84DVB□5514S□1N2G	538
1.3	5.7	-	13	287	373	1.7	104.967	GKS06-3M □□□071C42	E84DVB□5514S□1N2G	538
1.3	5.3	-	13	302	392	2.7	112.391	GKS07-4M □□□071C42	E84DVB□5514S□1N2G	546
1.2	5.3	-	12	304	395	1.4	113.205	GKS06-4M □□□071C42	E84DVB□5514S□1N2G	546
1.2	5.3	-	12	309	402	1.8	113.082	GKS06-3M □□□071C42	E84DVB□5514S□1N2G	538



50 Hz: P_N = 0.55 kW

n_{22} / n_2 = 1 ... 10.0

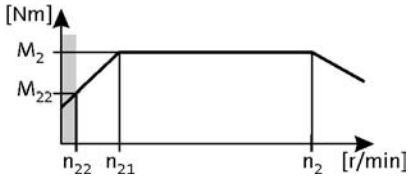
n_1 = 140.5 ... 1405 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
1.1	4.7	-	11	348	452	1.4	127.392	GKS06-3M □□□071C42	E84DVB□5514S□1N2G	538
1.1	4.7	-	11	342	444	1.6	127.059	GKS06-4M □□□071C42	E84DVB□5514S□1N2G	546
1.1	4.8	-	11	339	441	3.0	126.222	GKS07-4M □□□071C42	E84DVB□5514S□1N2G	546
1.0	4.3	-	10	379	492	1.1	140.816	GKS06-4M □□□071C42	E84DVB□5514S□1N2G	546
1.0	4.4	-	10	370	481	2.2	137.748	GKS07-4M □□□071C42	E84DVB□5514S□1N2G	546
1.0	4.2	-	9.8	391	508	1.4	142.941	GKS06-3M □□□071C42	E84DVB□5514S□1N2G	538
0.9	3.9	-	9.1	416	540	2.4	154.622	GKS07-4M □□□071C42	E84DVB□5514S□1N2G	546
0.9	3.9	-	9.0	418	543	1.3	155.647	GKS06-4M □□□071C42	E84DVB□5514S□1N2G	546
0.9	3.7	-	8.7	440	572	1.1	161.029	GKS06-3M □□□071C42	E84DVB□5514S□1N2G	538
0.8	3.4	-	8.1	469	609	0.9	174.336	GKS06-4M □□□071C42	E84DVB□5514S□1N2G	546
0.8	3.4	-	7.8	482	626	1.7	179.201	GKS07-4M □□□071C42	E84DVB□5514S□1N2G	546
0.7	3.2	-	7.4	520	675	1.0	190.080	GKS06-3M □□□071C42	E84DVB□5514S□1N2G	538
0.7	3.0	-	7.0	541	703	1.9	201.254	GKS07-4M □□□071C42	E84DVB□5514S□1N2G	546
0.7	3.0	-	6.9	545	707	1.0	202.588	GKS06-4M □□□071C42	E84DVB□5514S□1N2G	546
0.7	2.8	-	6.6	586	760	0.8	214.133	GKS06-3M □□□071C42	E84DVB□5514S□1N2G	538
0.6	2.7	-	6.3	599	778	1.4	222.909	GKS07-4M □□□071C42	E84DVB□5514S□1N2G	546
0.6	2.6	-	6.1	631	819	0.9	230.688	GKS06-3M □□□071C42	E84DVB□5514S□1N2G	538
0.6	2.4	-	5.7	663	861	1.5	246.659	GKS07-4M □□□071C42	E84DVB□5514S□1N2G	546
0.5	2.2	-	5.1	734	954	1.1	273.199	GKS07-4M □□□071C42	E84DVB□5514S□1N2G	546
0.4	1.9	-	4.4	863	1121	1.2	321.049	GKS07-4M □□□071C42	E84DVB□5514S□1N2G	546
0.4	1.9	-	4.3	869	1129	2.7	323.365	GKS09-4M □□□071C42	E84DVB□5514S□1N2G	546
0.4	1.7	-	3.9	964	1252	0.8	358.829	GKS07-4M □□□071C42	E84DVB□5514S□1N2G	546
0.4	1.7	-	3.9	979	1272	2.4	364.427	GKS09-4M □□□071C42	E84DVB□5514S□1N2G	546
0.4	1.5	-	3.5	1073	1394	1.0	399.353	GKS07-4M □□□071C42	E84DVB□5514S□1N2G	546
0.4	1.5	-	3.5	1081	1404	2.2	402.234	GKS09-4M □□□071C42	E84DVB□5514S□1N2G	546
0.3	1.3	-	3.1	1218	1582	1.9	453.311	GKS09-4M □□□071C42	E84DVB□5514S□1N2G	546
0.3	1.2	-	2.7	1399	1817	1.7	520.538	GKS09-4M □□□071C42	E84DVB□5514S□1N2G	546
0.2	1.0	-	2.4	1577	2048	1.5	586.638	GKS09-4M □□□071C42	E84DVB□5514S□1N2G	546
0.2	1.0	-	2.2	1698	2205	1.4	631.744	GKS09-4M □□□071C42	E84DVB□5514S□1N2G	546
0.2	0.8	-	2.0	1914	2485	1.2	711.965	GKS09-4M □□□071C42	E84DVB□5514S□1N2G	546
0.2	0.7	-	1.7	2197	2854	1.1	817.551	GKS09-4M □□□071C42	E84DVB□5514S□1N2G	546
0.2	0.7	-	1.5	2476	3216	1.0	921.367	GKS09-4M □□□071C42	E84DVB□5514S□1N2G	546
0.1	0.6	-	1.4	2667	3463	0.9	992.209	GKS09-4M □□□071C42	E84DVB□5514S□1N2G	546

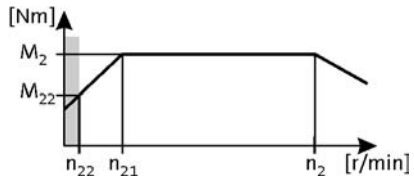
50 Hz: P_N = 0.75 kW

n_{22} / n_2 = 1 ... 10.0

n_1 = 141.0 ... 1410 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
28	117	-	275	19	25	3.3	5.123	GKS04-3M □□□080C32	E84DVB□7514S□1N2G	538
20	85	-	201	26	34	2.7	7.025	GKS04-3M □□□080C32	E84DVB□7514S□1N2G	538
17	74	-	173	31	39	3.3	8.167	GKS04-3M □□□080C32	E84DVB□7514S□1N2G	538
16	67	-	157	34	43	2.4	8.991	GKS04-3M □□□080C32	E84DVB□7514S□1N2G	538
14	61	-	143	37	48	2.2	9.836	GKS04-3M □□□080C32	E84DVB□7514S□1N2G	538
12	51	-	120	44	57	3.2	11.730	GKS04-3M □□□080C32	E84DVB□7514S□1N2G	538
11	46	-	108	49	63	2.6	13.067	GKS04-3M □□□080C32	E84DVB□7514S□1N2G	538
11	46	-	107	49	64	2.6	13.176	GKS05-3M □□□080C32	E84DVB□7514S□1N2G	538
9.8	42	-	98	54	69	2.4	14.333	GKS04-3M □□□080C32	E84DVB□7514S□1N2G	538
8.8	37	-	88	60	78	2.3	16.087	GKS04-3M □□□080C32	E84DVB□7514S□1N2G	538
7.9	34	-	79	67	87	1.9	17.920	GKS04-3M □□□080C32	E84DVB□7514S□1N2G	538
6.9	29	-	69	77	99	1.8	20.588	GKS04-3M □□□080C32	E84DVB□7514S□1N2G	538
6.3	27	-	63	84	109	1.7	22.522	GKS04-3M □□□080C32	E84DVB□7514S□1N2G	538
5.6	24	-	56	94	121	1.4	25.088	GKS04-3M □□□080C32	E84DVB□7514S□1N2G	538
4.9	21	-	49	107	139	1.3	28.727	GKS04-3M □□□080C32	E84DVB□7514S□1N2G	538
4.7	20	-	47	112	144	2.3	29.931	GKS05-3M □□□080C32	E84DVB□7514S□1N2G	538
4.4	19	-	44	119	154	1.1	32.000	GKS04-3M □□□080C32	E84DVB□7514S□1N2G	538
4.3	18	-	43	122	158	2.1	32.744	GKS05-3M □□□080C32	E84DVB□7514S□1N2G	538
4.0	17	-	40	131	170	1.1	35.191	GKS04-3M □□□080C32	E84DVB□7514S□1N2G	538
3.8	16	-	38	138	178	1.7	36.894	GKS05-3M □□□080C32	E84DVB□7514S□1N2G	538
3.6	15	-	36	146	189	0.9	39.200	GKS04-3M □□□080C32	E84DVB□7514S□1N2G	538
3.4	14	-	34	156	202	1.6	41.765	GKS05-3M □□□080C32	E84DVB□7514S□1N2G	538
3.2	14	-	32	165	213	0.9	44.240	GKS04-3M □□□080C32	E84DVB□7514S□1N2G	538
3.0	13	-	30	176	227	1.3	47.059	GKS05-3M □□□080C32	E84DVB□7514S□1N2G	538
2.8	12	-	28	191	247	1.3	51.162	GKS05-3M □□□080C32	E84DVB□7514S□1N2G	538
2.5	10	-	25	215	278	1.1	57.647	GKS05-3M □□□080C32	E84DVB□7514S□1N2G	538
2.4	10	-	24	216	279	2.5	57.882	GKS06-3M □□□080C32	E84DVB□7514S□1N2G	538
2.2	9.2	-	22	243	315	2.0	65.207	GKS06-3M □□□080C32	E84DVB□7514S□1N2G	538
2.1	9.0	-	21	248	321	1.0	66.592	GKS05-3M □□□080C32	E84DVB□7514S□1N2G	538
2.0	8.3	-	20	269	347	2.0	72.000	GKS06-3M □□□080C32	E84DVB□7514S□1N2G	538
1.9	8.0	-	19	280	362	0.9	75.033	GKS05-3M □□□080C32	E84DVB□7514S□1N2G	538
1.7	7.2	-	17	309	400	0.8	82.833	GKS05-3M □□□080C32	E84DVB□7514S□1N2G	538
1.7	7.4	-	17	303	391	1.6	81.111	GKS06-3M □□□080C32	E84DVB□7514S□1N2G	538
1.5	6.4	-	15	348	450	1.6	93.176	GKS06-3M □□□080C32	E84DVB□7514S□1N2G	538
1.5	6.5	-	15	345	447	2.9	92.563	GKS07-3M □□□080C32	E84DVB□7514S□1N2G	538
1.4	5.8	-	14	380	492	1.4	103.721	GKS06-4M □□□080C32	E84DVB□7514S□1N2G	546
1.4	5.8	-	14	389	503	2.4	104.296	GKS07-3M □□□080C32	E84DVB□7514S□1N2G	538
1.4	5.8	-	14	378	489	2.6	103.039	GKS07-4M □□□080C32	E84DVB□7514S□1N2G	546
1.3	5.3	-	13	415	537	1.0	113.205	GKS06-4M □□□080C32	E84DVB□7514S□1N2G	546
1.3	5.7	-	13	392	506	1.3	104.967	GKS06-3M □□□080C32	E84DVB□7514S□1N2G	538
1.3	5.3	-	13	422	546	1.3	113.082	GKS06-3M □□□080C32	E84DVB□7514S□1N2G	538



50 Hz: P_N = 0.75 kW

n_{22} / n_2 = 1 ... 10.0

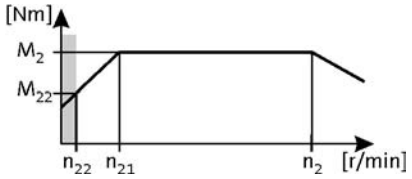
n_1 = 141.0 ... 1410 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
1.3	5.3	-	13	412	533	2.0	112.391	GKS07-4M □□□080C32	E84DVB□7514S□1N2G	546
1.3	5.3	-	13	419	542	2.5	112.338	GKS07-3M □□□080C32	E84DVB□7514S□1N2G	538
1.1	4.7	-	11	475	615	1.0	127.392	GKS06-3M □□□080C32	E84DVB□7514S□1N2G	538
1.1	4.7	-	11	466	603	1.1	127.059	GKS06-4M □□□080C32	E84DVB□7514S□1N2G	546
1.1	4.7	-	11	472	611	2.0	126.578	GKS07-3M □□□080C32	E84DVB□7514S□1N2G	538
1.1	4.8	-	11	463	599	2.2	126.222	GKS07-4M □□□080C32	E84DVB□7514S□1N2G	546
1.0	4.3	-	10	516	668	0.8	140.816	GKS06-4M □□□080C32	E84DVB□7514S□1N2G	546
1.0	4.4	-	10	505	653	1.6	137.748	GKS07-4M □□□080C32	E84DVB□7514S□1N2G	546
1.0	4.2	-	9.9	533	690	1.0	142.941	GKS06-3M □□□080C32	E84DVB□7514S□1N2G	538
0.9	3.9	-	9.1	571	738	0.9	155.647	GKS06-4M □□□080C32	E84DVB□7514S□1N2G	546
0.9	3.9	-	9.1	567	733	1.8	154.622	GKS07-4M □□□080C32	E84DVB□7514S□1N2G	546
0.9	3.7	-	8.8	601	777	0.8	161.029	GKS06-3M □□□080C32	E84DVB□7514S□1N2G	538
0.8	3.4	-	7.9	657	850	1.2	179.201	GKS07-4M □□□080C32	E84DVB□7514S□1N2G	546
0.8	3.3	-	7.6	689	891	1.5	184.600	GKS07-3M □□□080C32	E84DVB□7514S□1N2G	538
0.7	3.0	-	7.0	738	955	1.4	201.254	GKS07-4M □□□080C32	E84DVB□7514S□1N2G	546
0.7	2.9	-	6.8	776	1004	1.2	208.000	GKS07-3M □□□080C32	E84DVB□7514S□1N2G	538
0.6	2.7	-	6.3	817	1057	1.0	222.909	GKS07-4M □□□080C32	E84DVB□7514S□1N2G	546
0.6	2.7	-	6.3	836	1081	1.2	224.037	GKS07-3M □□□080C32	E84DVB□7514S□1N2G	538
0.6	2.4	-	5.7	904	1170	1.1	246.659	GKS07-4M □□□080C32	E84DVB□7514S□1N2G	546
0.6	2.4	-	5.6	942	1218	1.0	252.436	GKS07-3M □□□080C32	E84DVB□7514S□1N2G	538
0.5	2.2	-	5.2	1002	1296	0.8	273.199	GKS07-4M □□□080C32	E84DVB□7514S□1N2G	546
0.5	2.1	-	5.0	1056	1366	1.0	283.193	GKS07-3M □□□080C32	E84DVB□7514S□1N2G	538
0.4	1.9	-	4.4	1177	1523	0.9	321.049	GKS07-4M □□□080C32	E84DVB□7514S□1N2G	546
0.4	1.9	-	4.4	1186	1534	2.0	323.365	GKS09-4M □□□080C32	E84DVB□7514S□1N2G	546
0.4	1.7	-	3.9	1336	1728	1.8	364.427	GKS09-4M □□□080C32	E84DVB□7514S□1N2G	546
0.4	1.5	-	3.5	1475	1908	1.6	402.234	GKS09-4M □□□080C32	E84DVB□7514S□1N2G	546
0.3	1.3	-	3.1	1662	2150	1.4	453.311	GKS09-4M □□□080C32	E84DVB□7514S□1N2G	546
0.3	1.2	-	2.7	1909	2469	1.2	520.538	GKS09-4M □□□080C32	E84DVB□7514S□1N2G	546
0.2	1.0	-	2.4	2151	2782	1.1	586.638	GKS09-4M □□□080C32	E84DVB□7514S□1N2G	546
0.2	1.0	-	2.2	2316	2996	1.0	631.744	GKS09-4M □□□080C32	E84DVB□7514S□1N2G	546
0.2	0.8	-	2.0	2611	3377	0.9	711.965	GKS09-4M □□□080C32	E84DVB□7514S□1N2G	546
0.2	0.7	-	1.7	2994	3872	1.5	816.455	GKS11-4M □□□080C32	E84DVB□7514S□1N2G	546
0.2	0.7	-	1.5	3373	4363	1.4	919.949	GKS11-4M □□□080C32	E84DVB□7514S□1N2G	546
0.1	0.6	-	1.4	3633	4700	1.3	990.879	GKS11-4M □□□080C32	E84DVB□7514S□1N2G	546
0.1	0.5	-	1.3	4094	5295	1.2	1116.484	GKS11-4M □□□080C32	E84DVB□7514S□1N2G	546
0.1	0.5	-	1.1	4593	5940	1.0	1252.516	GKS11-4M □□□080C32	E84DVB□7514S□1N2G	546
0.1	0.4	-	1.0	5175	6693	0.9	1411.286	GKS11-4M □□□080C32	E84DVB□7514S□1N2G	546

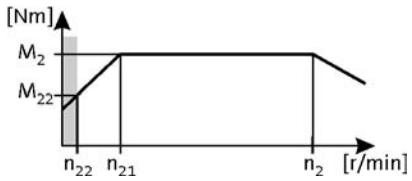
50 Hz: P_N = 1.10 kW

n_{22} / n_2 = 1 ... 10.0

n_1 = 139.0 ... 1390 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
27	176	-	271	21	37	2.2	5.123	GKS04-3M □□□080C42	E84DVB□1124S□1N2G	538
20	131	-	203	29	49	3.0	6.863	GKS05-3M □□□080C42	E84DVB□1124S□1N2G	538
20	128	-	198	29	50	1.8	7.025	GKS04-3M □□□080C42	E84DVB□1124S□1N2G	538
17	110	-	170	34	59	2.2	8.167	GKS04-3M □□□080C42	E84DVB□1124S□1N2G	538
16	100	-	155	37	65	1.6	8.991	GKS04-3M □□□080C42	E84DVB□1124S□1N2G	538
15	96	-	148	39	68	2.4	9.412	GKS05-3M □□□080C42	E84DVB□1124S□1N2G	538
14	92	-	141	41	71	1.5	9.836	GKS04-3M □□□080C42	E84DVB□1124S□1N2G	538
13	85	-	132	44	76	3.0	10.569	GKS05-3M □□□080C42	E84DVB□1124S□1N2G	538
12	77	-	119	49	84	2.1	11.730	GKS04-3M □□□080C42	E84DVB□1124S□1N2G	538
12	77	-	119	49	84	3.0	11.667	GKS05-3M □□□080C42	E84DVB□1124S□1N2G	538
11	69	-	106	54	94	1.8	13.067	GKS04-3M □□□080C42	E84DVB□1124S□1N2G	538
11	68	-	106	55	95	1.8	13.176	GKS05-3M □□□080C42	E84DVB□1124S□1N2G	538
9.7	63	-	97	60	103	1.6	14.333	GKS04-3M □□□080C42	E84DVB□1124S□1N2G	538
9.6	62	-	96	60	104	2.4	14.494	GKS05-3M □□□080C42	E84DVB□1124S□1N2G	538
8.7	56	-	87	67	115	2.4	16.000	GKS05-3M □□□080C42	E84DVB□1124S□1N2G	538
8.6	56	-	86	67	116	1.6	16.087	GKS04-3M □□□080C42	E84DVB□1124S□1N2G	538
8.2	53	-	82	71	122	2.6	17.054	GKS05-3M □□□080C42	E84DVB□1124S□1N2G	538
7.8	50	-	78	74	129	1.3	17.920	GKS04-3M □□□080C42	E84DVB□1124S□1N2G	538
7.2	47	-	72	80	138	2.2	19.216	GKS05-3M □□□080C42	E84DVB□1124S□1N2G	538
6.8	44	-	68	86	148	1.2	20.588	GKS04-3M □□□080C42	E84DVB□1124S□1N2G	538
6.2	40	-	62	94	162	1.1	22.522	GKS04-3M □□□080C42	E84DVB□1124S□1N2G	538
5.9	39	-	59	97	168	2.0	23.388	GKS05-3M □□□080C42	E84DVB□1124S□1N2G	538
5.5	36	-	55	104	180	0.9	25.088	GKS04-3M □□□080C42	E84DVB□1124S□1N2G	538
5.3	34	-	53	110	189	1.6	26.353	GKS05-3M □□□080C42	E84DVB□1124S□1N2G	538
4.8	31	-	48	119	206	0.9	28.727	GKS04-3M □□□080C42	E84DVB□1124S□1N2G	538
4.6	30	-	46	124	215	1.5	29.931	GKS05-3M □□□080C42	E84DVB□1124S□1N2G	538
4.3	28	-	43	136	235	1.4	32.744	GKS05-3M □□□080C42	E84DVB□1124S□1N2G	538
4.3	28	-	43	133	230	2.7	32.063	GKS06-3M □□□080C42	E84DVB□1124S□1N2G	538
3.8	24	-	38	153	265	1.1	36.894	GKS05-3M □□□080C42	E84DVB□1124S□1N2G	538
3.8	25	-	38	151	261	2.6	36.303	GKS06-3M □□□080C42	E84DVB□1124S□1N2G	538
3.3	22	-	33	174	300	1.1	41.765	GKS05-3M □□□080C42	E84DVB□1124S□1N2G	538
3.1	20	-	31	185	319	2.2	44.471	GKS06-3M □□□080C42	E84DVB□1124S□1N2G	538
3.0	19	-	30	195	338	0.9	47.059	GKS05-3M □□□080C42	E84DVB□1124S□1N2G	538
2.7	18	-	27	213	367	0.9	51.162	GKS05-3M □□□080C42	E84DVB□1124S□1N2G	538
2.6	17	-	26	220	381	1.8	53.074	GKS06-3M □□□080C42	E84DVB□1124S□1N2G	538
2.4	16	-	24	240	416	1.7	57.882	GKS06-3M □□□080C42	E84DVB□1124S□1N2G	538
2.4	16	-	24	239	413	3.2	57.501	GKS07-3M □□□080C42	E84DVB□1124S□1N2G	538
2.2	14	-	22	269	465	2.6	64.790	GKS07-3M □□□080C42	E84DVB□1124S□1N2G	538
2.1	14	-	21	271	468	1.3	65.207	GKS06-3M □□□080C42	E84DVB□1124S□1N2G	538
2.0	13	-	20	293	506	2.6	70.474	GKS07-3M □□□080C42	E84DVB□1124S□1N2G	538
1.9	13	-	19	299	517	1.4	72.000	GKS06-3M □□□080C42	E84DVB□1124S□1N2G	538



50 Hz: P_N = 1.10 kW

n_{22} / n_2 = 1 ... 10.0

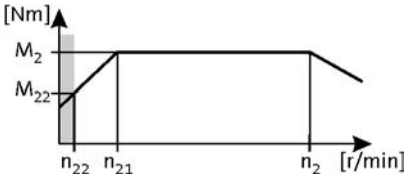
n_1 = 139.0 ... 1390 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
1.8	11	-	18	330	570	2.1	79.407	GKS07-3M □□□080C42	E84DVB□1124S□1N2G	538
1.7	11	-	17	337	582	1.1	81.111	GKS06-3M □□□080C42	E84DVB□1124S□1N2G	538
1.5	9.7	-	15	387	669	1.1	93.176	GKS06-3M □□□080C42	E84DVB□1124S□1N2G	538
1.5	9.7	-	15	384	664	2.0	92.563	GKS07-3M □□□080C42	E84DVB□1124S□1N2G	538
1.4	8.7	-	14	421	727	1.8	103.039	GKS07-4M □□□080C42	E84DVB□1124S□1N2G	546
1.3	8.6	-	13	436	754	0.8	104.967	GKS06-3M □□□080C42	E84DVB□1124S□1N2G	538
1.3	8.7	-	13	424	732	0.9	103.721	GKS06-4M □□□080C42	E84DVB□1124S□1N2G	546
1.3	8.6	-	13	433	749	1.6	104.296	GKS07-3M □□□080C42	E84DVB□1124S□1N2G	538
1.2	8.0	-	12	470	812	0.9	113.082	GKS06-3M □□□080C42	E84DVB□1124S□1N2G	538
1.2	8.0	-	12	459	793	1.3	112.391	GKS07-4M □□□080C42	E84DVB□1124S□1N2G	546
1.2	8.0	-	12	467	806	1.7	112.338	GKS07-3M □□□080C42	E84DVB□1124S□1N2G	538
1.1	7.1	-	11	526	909	1.3	126.578	GKS07-3M □□□080C42	E84DVB□1124S□1N2G	538
1.1	7.1	-	11	515	891	1.5	126.222	GKS07-4M □□□080C42	E84DVB□1124S□1N2G	546
1.0	6.5	-	10	562	972	1.1	137.748	GKS07-4M □□□080C42	E84DVB□1124S□1N2G	546
1.0	6.5	-	10	567	980	3.1	138.929	GKS09-4M □□□080C42	E84DVB□1124S□1N2G	546
1.0	6.4	-	9.9	584	1009	1.3	140.548	GKS07-3M □□□080C42	E84DVB□1124S□1N2G	538
0.9	6.0	-	9.2	617	1066	2.8	151.012	GKS09-4M □□□080C42	E84DVB□1124S□1N2G	546
0.9	5.8	-	9.0	631	1091	1.2	154.622	GKS07-4M □□□080C42	E84DVB□1124S□1N2G	546
0.9	5.7	-	8.8	658	1137	1.1	158.364	GKS07-3M □□□080C42	E84DVB□1124S□1N2G	538
0.8	5.3	-	8.2	695	1201	2.5	170.188	GKS09-4M □□□080C42	E84DVB□1124S□1N2G	546
0.8	5.0	-	7.8	732	1265	0.8	179.201	GKS07-4M □□□080C42	E84DVB□1124S□1N2G	546
0.8	4.9	-	7.5	767	1325	1.0	184.600	GKS07-3M □□□080C42	E84DVB□1124S□1N2G	538
0.7	4.5	-	6.9	822	1420	0.9	201.254	GKS07-4M □□□080C42	E84DVB□1124S□1N2G	546
0.7	4.4	-	6.8	835	1444	2.1	204.596	GKS09-4M □□□080C42	E84DVB□1124S□1N2G	546
0.7	4.3	-	6.7	864	1493	0.8	208.000	GKS07-3M □□□080C42	E84DVB□1124S□1N2G	538
0.6	4.0	-	6.2	931	1608	0.8	224.037	GKS07-3M □□□080C42	E84DVB□1124S□1N2G	538
0.6	3.9	-	6.0	941	1627	1.9	230.577	GKS09-4M □□□080C42	E84DVB□1124S□1N2G	546
0.6	3.6	-	5.6	1014	1753	1.7	248.439	GKS09-4M □□□080C42	E84DVB□1124S□1N2G	546
0.5	3.2	-	5.0	1143	1976	1.6	279.986	GKS09-4M □□□080C42	E84DVB□1124S□1N2G	546
0.4	2.8	-	4.3	1320	2282	1.3	323.365	GKS09-4M □□□080C42	E84DVB□1124S□1N2G	546
0.4	2.8	-	4.3	1318	2279	2.6	322.931	GKS11-4M □□□080C42	E84DVB□1124S□1N2G	546
0.4	2.5	-	3.8	1488	2571	1.2	364.427	GKS09-4M □□□080C42	E84DVB□1124S□1N2G	546
0.4	2.5	-	3.8	1486	2568	2.4	363.866	GKS11-4M □□□080C42	E84DVB□1124S□1N2G	546
0.4	2.2	-	3.5	1642	2838	1.1	402.234	GKS09-4M □□□080C42	E84DVB□1124S□1N2G	546
0.4	2.3	-	3.5	1616	2793	2.1	395.787	GKS11-4M □□□080C42	E84DVB□1124S□1N2G	546
0.3	2.0	-	3.1	1851	3199	1.0	453.311	GKS09-4M □□□080C42	E84DVB□1124S□1N2G	546
0.3	2.0	-	3.1	1821	3147	1.9	445.958	GKS11-4M □□□080C42	E84DVB□1124S□1N2G	546
0.3	1.7	-	2.7	2125	3673	0.8	520.538	GKS09-4M □□□080C42	E84DVB□1124S□1N2G	546
0.3	1.8	-	2.7	2091	3614	1.7	512.196	GKS11-4M □□□080C42	E84DVB□1124S□1N2G	546
0.2	1.6	-	2.4	2356	4072	1.5	577.122	GKS11-4M □□□080C42	E84DVB□1124S□1N2G	546
0.2	1.5	-	2.2	2538	4386	1.4	621.619	GKS11-4M □□□080C42	E84DVB□1124S□1N2G	546

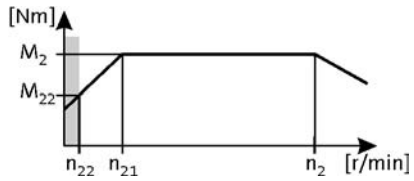
50 Hz: P_N = 1.10 kW

n_{22} / n_2 = 1 ... 10.0

n_1 = 139.0 ... 1390 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
0.2	1.3	-	2.0	2860	4942	1.2	700.416	GKS11-4M □□□080C42	E84DVB□1124S□1N2G	546
0.2	1.1	-	1.7	3333	5761	1.0	816.455	GKS11-4M □□□080C42	E84DVB□1124S□1N2G	546
0.2	1.0	-	1.5	3756	6491	0.9	919.949	GKS11-4M □□□080C42	E84DVB□1124S□1N2G	546
0.1	0.9	-	1.4	4045	6992	0.9	990.879	GKS11-4M □□□080C42	E84DVB□1124S□1N2G	546



50 Hz: P_N = 1.50 kW

n_{22} / n_2 = 1 ... 10.0

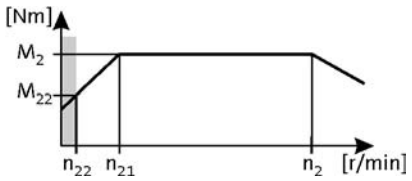
n_1 = 141.0 ... 1410 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
27	117	-	272	35	50	1.6	5.123	GKS04-3M □□□090C32	E84DVB□1524S□1N2G	538
20	87	-	203	47	67	2.2	6.863	GKS05-3M □□□090C32	E84DVB□1524S□1N2G	538
20	85	-	199	48	69	1.4	7.025	GKS04-3M □□□090C32	E84DVB□1524S□1N2G	538
17	74	-	171	56	80	1.6	8.167	GKS04-3M □□□090C32	E84DVB□1524S□1N2G	538
16	67	-	155	62	88	1.2	8.991	GKS04-3M □□□090C32	E84DVB□1524S□1N2G	538
15	64	-	148	65	92	1.8	9.412	GKS05-3M □□□090C32	E84DVB□1524S□1N2G	538
14	61	-	142	67	96	1.1	9.836	GKS04-3M □□□090C32	E84DVB□1524S□1N2G	538
13	57	-	132	72	103	2.2	10.569	GKS05-3M □□□090C32	E84DVB□1524S□1N2G	538
12	53	-	123	78	111	3.0	11.382	GKS06-3M □□□090C32	E84DVB□1524S□1N2G	538
12	51	-	120	80	114	2.2	11.667	GKS05-3M □□□090C32	E84DVB□1524S□1N2G	538
12	51	-	119	80	114	1.6	11.730	GKS04-3M □□□090C32	E84DVB□1524S□1N2G	538
11	46	-	107	90	127	1.3	13.067	GKS04-3M □□□090C32	E84DVB□1524S□1N2G	538
11	46	-	106	90	129	1.3	13.176	GKS05-3M □□□090C32	E84DVB□1524S□1N2G	538
9.7	42	-	97	98	140	1.2	14.333	GKS04-3M □□□090C32	E84DVB□1524S□1N2G	538
9.6	41	-	96	99	141	1.8	14.494	GKS05-3M □□□090C32	E84DVB□1524S□1N2G	538
8.7	37	-	87	110	157	1.2	16.087	GKS04-3M □□□090C32	E84DVB□1524S□1N2G	538
8.7	38	-	87	110	156	1.8	16.000	GKS05-3M □□□090C32	E84DVB□1524S□1N2G	538
8.2	35	-	82	117	166	1.9	17.054	GKS05-3M □□□090C32	E84DVB□1524S□1N2G	538
7.8	34	-	78	123	175	1.0	17.920	GKS04-3M □□□090C32	E84DVB□1524S□1N2G	538
7.8	34	-	78	122	174	3.0	17.809	GKS06-3M □□□090C32	E84DVB□1524S□1N2G	538
7.3	31	-	73	132	187	1.6	19.216	GKS05-3M □□□090C32	E84DVB□1524S□1N2G	538
6.8	29	-	68	141	201	0.9	20.588	GKS04-3M □□□090C32	E84DVB□1524S□1N2G	538
6.2	27	-	62	154	220	0.8	22.522	GKS04-3M □□□090C32	E84DVB□1524S□1N2G	538
6.0	26	-	60	160	228	1.4	23.388	GKS05-3M □□□090C32	E84DVB□1524S□1N2G	538
5.4	23	-	54	178	254	2.7	26.017	GKS06-3M □□□090C32	E84DVB□1524S□1N2G	538
5.3	23	-	53	181	257	1.2	26.353	GKS05-3M □□□090C32	E84DVB□1524S□1N2G	538
4.9	21	-	49	195	278	2.5	28.461	GKS06-3M □□□090C32	E84DVB□1524S□1N2G	538
4.7	20	-	47	205	292	1.1	29.931	GKS05-3M □□□090C32	E84DVB□1524S□1N2G	538
4.4	19	-	44	220	313	2.0	32.063	GKS06-3M □□□090C32	E84DVB□1524S□1N2G	538
4.3	18	-	43	224	319	1.0	32.744	GKS05-3M □□□090C32	E84DVB□1524S□1N2G	538
3.8	16	-	38	253	360	0.8	36.894	GKS05-3M □□□090C32	E84DVB□1524S□1N2G	538
3.8	17	-	38	249	354	1.9	36.303	GKS06-3M □□□090C32	E84DVB□1524S□1N2G	538
3.3	14	-	33	286	407	0.8	41.765	GKS05-3M □□□090C32	E84DVB□1524S□1N2G	538
3.1	14	-	31	305	434	1.6	44.471	GKS06-3M □□□090C32	E84DVB□1524S□1N2G	538
2.6	11	-	26	364	518	1.3	53.074	GKS06-3M □□□090C32	E84DVB□1524S□1N2G	538
2.4	10	-	24	396	565	1.2	57.882	GKS06-3M □□□090C32	E84DVB□1524S□1N2G	538
2.4	10	-	24	394	561	2.3	57.501	GKS07-3M □□□090C32	E84DVB□1524S□1N2G	538
2.2	9.3	-	22	444	632	1.9	64.790	GKS07-3M □□□090C32	E84DVB□1524S□1N2G	538
2.1	9.2	-	21	447	636	1.0	65.207	GKS06-3M □□□090C32	E84DVB□1524S□1N2G	538
2.0	8.5	-	20	483	687	1.9	70.474	GKS07-3M □□□090C32	E84DVB□1524S□1N2G	538
1.9	8.3	-	19	493	702	1.0	72.000	GKS06-3M □□□090C32	E84DVB□1524S□1N2G	538

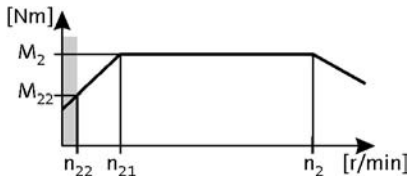
50 Hz: P_N = 1.50 kW

n_{22} / n_2 = 1 ... 10.0

n_1 = 141.0 ... 1410 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
1.8	7.6	-	18	544	775	1.6	79.407	GKS07-3M □□□090C32	E84DVB□1524S□1N2G	538
1.5	6.5	-	15	634	903	1.5	92.563	GKS07-3M □□□090C32	E84DVB□1524S□1N2G	538
1.5	6.5	-	15	629	896	2.8	91.860	GKS09-3M □□□090C32	E84DVB□1524S□1N2G	538
1.4	5.8	-	14	694	988	1.3	103.039	GKS07-4M □□□090C32	E84DVB□1524S□1N2G	546
1.4	5.8	-	14	709	1010	2.8	103.524	GKS09-3M □□□090C32	E84DVB□1524S□1N2G	538
1.4	6.0	-	14	677	964	3.1	100.551	GKS09-4M □□□090C32	E84DVB□1524S□1N2G	546
1.3	5.8	-	13	714	1017	1.2	104.296	GKS07-3M □□□090C32	E84DVB□1524S□1N2G	538
1.3	5.4	-	13	764	1087	2.5	111.484	GKS09-3M □□□090C32	E84DVB□1524S□1N2G	538
1.2	5.3	-	12	757	1078	1.0	112.391	GKS07-4M □□□090C32	E84DVB□1524S□1N2G	546
1.2	5.3	-	12	769	1096	1.2	112.338	GKS07-3M □□□090C32	E84DVB□1524S□1N2G	538
1.2	5.3	-	12	763	1086	2.8	113.320	GKS09-4M □□□090C32	E84DVB□1524S□1N2G	546
1.1	4.7	-	11	867	1235	1.0	126.578	GKS07-3M □□□090C32	E84DVB□1524S□1N2G	538
1.1	4.8	-	11	850	1210	1.1	126.222	GKS07-4M □□□090C32	E84DVB□1524S□1N2G	546
1.1	4.8	-	11	861	1225	2.5	125.641	GKS09-3M □□□090C32	E84DVB□1524S□1N2G	538
1.1	4.9	-	11	830	1182	2.6	123.275	GKS09-4M □□□090C32	E84DVB□1524S□1N2G	546
1.0	4.3	-	10	935	1332	2.3	138.929	GKS09-4M □□□090C32	E84DVB□1524S□1N2G	546
1.0	4.3	-	9.9	963	1371	1.0	140.548	GKS07-3M □□□090C32	E84DVB□1524S□1N2G	538
1.0	4.3	-	9.9	965	1374	1.9	140.921	GKS09-3M □□□090C32	E84DVB□1524S□1N2G	538
0.9	4.0	-	9.2	1017	1448	2.1	151.012	GKS09-4M □□□090C32	E84DVB□1524S□1N2G	546
0.9	3.9	-	9.0	1041	1482	0.9	154.622	GKS07-4M □□□090C32	E84DVB□1524S□1N2G	546
0.9	3.8	-	8.8	1088	1549	1.9	158.816	GKS09-3M □□□090C32	E84DVB□1524S□1N2G	538
0.8	3.5	-	8.2	1146	1632	1.9	170.188	GKS09-4M □□□090C32	E84DVB□1524S□1N2G	546
0.8	3.3	-	7.7	1246	1775	1.7	182.000	GKS09-3M □□□090C32	E84DVB□1524S□1N2G	538
0.7	2.9	-	6.8	1405	2001	1.5	205.111	GKS09-3M □□□090C32	E84DVB□1524S□1N2G	538
0.7	2.9	-	6.8	1377	1962	1.6	204.596	GKS09-4M □□□090C32	E84DVB□1524S□1N2G	546
0.6	2.7	-	6.3	1513	2154	1.4	220.882	GKS09-3M □□□090C32	E84DVB□1524S□1N2G	538
0.6	2.6	-	6.1	1552	2211	1.4	230.577	GKS09-4M □□□090C32	E84DVB□1524S□1N2G	546
0.6	2.4	-	5.6	1673	2382	1.3	248.439	GKS09-4M □□□090C32	E84DVB□1524S□1N2G	546
0.6	2.4	-	5.6	1705	2428	1.3	248.930	GKS09-3M □□□090C32	E84DVB□1524S□1N2G	538
0.5	2.1	-	5.0	1885	2684	1.1	279.986	GKS09-4M □□□090C32	E84DVB□1524S□1N2G	546
0.5	2.2	-	5.0	1912	2723	1.1	279.205	GKS09-3M □□□090C32	E84DVB□1524S□1N2G	538
0.4	1.9	-	4.4	2155	3069	1.0	314.659	GKS09-3M □□□090C32	E84DVB□1524S□1N2G	538
0.4	1.9	-	4.3	2177	3100	1.0	323.365	GKS09-4M □□□090C32	E84DVB□1524S□1N2G	546
0.4	1.9	-	4.3	2174	3096	1.9	322.931	GKS11-4M □□□090C32	E84DVB□1524S□1N2G	546
0.4	1.7	-	3.8	2453	3494	0.9	364.427	GKS09-4M □□□090C32	E84DVB□1524S□1N2G	546
0.4	1.7	-	3.8	2450	3489	1.7	363.866	GKS11-4M □□□090C32	E84DVB□1524S□1N2G	546
0.4	1.5	-	3.5	2665	3795	1.6	395.787	GKS11-4M □□□090C32	E84DVB□1524S□1N2G	546
0.3	1.4	-	3.1	3002	4276	1.4	445.958	GKS11-4M □□□090C32	E84DVB□1524S□1N2G	546
0.3	1.2	-	2.7	3448	4911	1.2	512.196	GKS11-4M □□□090C32	E84DVB□1524S□1N2G	546
0.2	1.0	-	2.4	3885	5533	1.1	577.122	GKS11-4M □□□090C32	E84DVB□1524S□1N2G	546
0.2	1.0	-	2.2	4185	5960	1.0	621.619	GKS11-4M □□□090C32	E84DVB□1524S□1N2G	546



50 Hz: P_N = 1.50 kW

n_{22} / n_2 = 1 ... 10.0

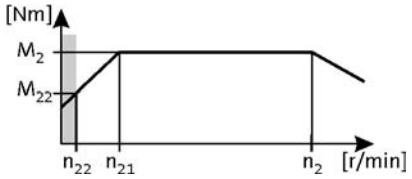
n_1 = 141.0 ... 1410 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
0.2	0.9	-	2.0	4715	6715	0.9	700.416	GKS11-4M □□□090C32	E84DVB□1524S□1N2G	546
0.2	0.7	-	1.7	5425	7727	1.5	805.901	GKS14-4M □□□090C32	E84DVB□1524S□1N2G	546
0.2	0.7	-	1.5	6113	8706	1.3	908.058	GKS14-4M □□□090C32	E84DVB□1524S□1N2G	546
0.1	0.6	-	1.4	6585	9377	1.2	978.071	GKS14-4M □□□090C32	E84DVB□1524S□1N2G	546
0.1	0.5	-	1.3	7419	10566	1.1	1102.052	GKS14-4M □□□090C32	E84DVB□1524S□1N2G	546
0.1	0.5	-	1.1	8323	11853	1.0	1236.326	GKS14-4M □□□090C32	E84DVB□1524S□1N2G	546
0.1	0.4	-	1.0	9378	13356	0.9	1393.043	GKS14-4M □□□090C32	E84DVB□1524S□1N2G	546

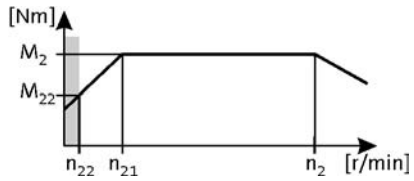
50 Hz: P_N = 2.20 kW

n_{22} / n_2 = 1 ... 10.0

n_1 = 144.0 ... 1440 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
22	93	-	222	54	90	2.9	6.485	GKS06-3M □□□100C12	E84DVB□2224S□1N2G	538
21	87	-	210	57	95	1.6	6.863	GKS05-3M □□□100C12	E84DVB□2224S□1N2G	538
16	65	-	157	76	127	2.9	9.196	GKS06-3M □□□100C12	E84DVB□2224S□1N2G	538
15	64	-	153	78	130	1.3	9.412	GKS05-3M □□□100C12	E84DVB□2224S□1N2G	538
14	59	-	142	84	141	2.9	10.147	GKS06-3M □□□100C12	E84DVB□2224S□1N2G	538
14	57	-	136	88	147	1.6	10.569	GKS05-3M □□□100C12	E84DVB□2224S□1N2G	538
13	53	-	127	95	158	2.1	11.382	GKS06-3M □□□100C12	E84DVB□2224S□1N2G	538
12	51	-	123	97	162	1.6	11.667	GKS05-3M □□□100C12	E84DVB□2224S□1N2G	538
11	48	-	114	105	175	2.4	12.612	GKS06-3M □□□100C12	E84DVB□2224S□1N2G	538
11	46	-	109	110	183	0.9	13.176	GKS05-3M □□□100C12	E84DVB□2224S□1N2G	538
9.9	41	-	99	121	201	1.3	14.494	GKS05-3M □□□100C12	E84DVB□2224S□1N2G	538
9.7	41	-	97	123	205	2.9	14.824	GKS06-3M □□□100C12	E84DVB□2224S□1N2G	538
9.0	38	-	90	133	222	1.3	16.000	GKS05-3M □□□100C12	E84DVB□2224S□1N2G	538
8.6	36	-	86	139	231	2.6	16.699	GKS06-3M □□□100C12	E84DVB□2224S□1N2G	538
8.4	35	-	84	142	236	1.3	17.054	GKS05-3M □□□100C12	E84DVB□2224S□1N2G	538
8.1	34	-	81	148	247	2.1	17.809	GKS06-3M □□□100C12	E84DVB□2224S□1N2G	538
7.5	31	-	75	160	266	1.1	19.216	GKS05-3M □□□100C12	E84DVB□2224S□1N2G	538
7.1	30	-	71	169	282	2.4	20.329	GKS06-3M □□□100C12	E84DVB□2224S□1N2G	538
6.3	26	-	63	190	317	1.9	22.902	GKS06-3M □□□100C12	E84DVB□2224S□1N2G	538
6.2	26	-	62	194	324	1.0	23.388	GKS05-3M □□□100C12	E84DVB□2224S□1N2G	538
5.5	23	-	55	219	365	0.8	26.353	GKS05-3M □□□100C12	E84DVB□2224S□1N2G	538
5.5	23	-	55	216	361	1.9	26.017	GKS06-3M □□□100C12	E84DVB□2224S□1N2G	538
5.1	21	-	51	237	394	1.7	28.461	GKS06-3M □□□100C12	E84DVB□2224S□1N2G	538
5.1	21	-	51	235	392	3.1	28.274	GKS07-3M □□□100C12	E84DVB□2224S□1N2G	538
4.5	19	-	45	267	444	1.4	32.063	GKS06-3M □□□100C12	E84DVB□2224S□1N2G	538
4.5	19	-	45	265	442	2.7	31.858	GKS07-3M □□□100C12	E84DVB□2224S□1N2G	538
4.0	17	-	40	302	503	1.4	36.303	GKS06-3M □□□100C12	E84DVB□2224S□1N2G	538
4.0	17	-	40	300	500	2.6	36.063	GKS07-3M □□□100C12	E84DVB□2224S□1N2G	538
3.5	15	-	35	345	575	1.2	41.472	GKS06-3M □□□100C12	E84DVB□2224S□1N2G	538
3.3	14	-	33	367	612	2.1	44.178	GKS07-3M □□□100C12	E84DVB□2224S□1N2G	538
3.2	14	-	32	370	616	1.1	44.471	GKS06-3M □□□100C12	E84DVB□2224S□1N2G	538
2.9	12	-	29	418	698	1.9	50.345	GKS07-3M □□□100C12	E84DVB□2224S□1N2G	538
2.7	11	-	27	441	736	0.9	53.074	GKS06-3M □□□100C12	E84DVB□2224S□1N2G	538
2.5	10	-	25	481	802	0.9	57.882	GKS06-3M □□□100C12	E84DVB□2224S□1N2G	538
2.5	10	-	25	478	797	1.6	57.501	GKS07-3M □□□100C12	E84DVB□2224S□1N2G	538
2.2	9.3	-	22	539	898	1.3	64.790	GKS07-3M □□□100C12	E84DVB□2224S□1N2G	538
2.0	8.5	-	20	586	977	1.4	70.474	GKS07-3M □□□100C12	E84DVB□2224S□1N2G	538
2.0	8.5	-	20	590	984	3.1	70.982	GKS09-3M □□□100C12	E84DVB□2224S□1N2G	538
1.8	7.6	-	18	660	1100	1.1	79.407	GKS07-3M □□□100C12	E84DVB□2224S□1N2G	538
1.8	7.5	-	18	665	1109	2.8	79.996	GKS09-3M □□□100C12	E84DVB□2224S□1N2G	538
1.6	6.5	-	16	769	1283	1.0	92.563	GKS07-3M □□□100C12	E84DVB□2224S□1N2G	538



50 Hz: P_N = 2.20 kW

n_{22} / n_2 = 1 ... 10.0

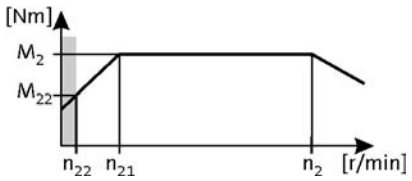
n_1 = 144.0 ... 1440 r/min

n_{22}	n_{21}		n_2	M_{22}	M_2	c	i			
[r/min]	[r/min]		[r/min]	[Nm]	[Nm]					
1.6	6.5	-	16	764	1273	2.4	91.860	GKS09-3M □□□100C12	E84DVB□2224S□1N2G	538
1.4	5.8	-	14	867	1445	0.8	104.296	GKS07-3M □□□100C12	E84DVB□2224S□1N2G	538
1.4	5.8	-	14	842	1404	0.9	103.039	GKS07-4M □□□100C12	E84DVB□2224S□1N2G	546
1.4	5.8	-	14	860	1435	2.2	103.524	GKS09-3M □□□100C12	E84DVB□2224S□1N2G	538
1.4	6.0	-	14	822	1370	2.2	100.551	GKS09-4M □□□100C12	E84DVB□2224S□1N2G	546
1.3	5.3	-	13	934	1557	0.9	112.338	GKS07-3M □□□100C12	E84DVB□2224S□1N2G	538
1.3	5.3	-	13	926	1544	1.9	113.320	GKS09-4M □□□100C12	E84DVB□2224S□1N2G	546
1.3	5.4	-	13	927	1545	2.0	111.484	GKS09-3M □□□100C12	E84DVB□2224S□1N2G	538
1.3	5.4	-	13	925	1543	2.9	111.335	GKS11-3M □□□100C12	E84DVB□2224S□1N2G	538
1.2	4.8	-	12	1044	1741	1.8	125.641	GKS09-3M □□□100C12	E84DVB□2224S□1N2G	538
1.2	4.9	-	12	1007	1679	1.8	123.275	GKS09-4M □□□100C12	E84DVB□2224S□1N2G	546
1.2	4.8	-	12	1043	1738	2.9	125.448	GKS11-3M □□□100C12	E84DVB□2224S□1N2G	538
1.0	4.3	-	10	1171	1953	1.5	140.921	GKS09-3M □□□100C12	E84DVB□2224S□1N2G	538
1.0	4.3	-	10	1135	1893	1.6	138.929	GKS09-4M □□□100C12	E84DVB□2224S□1N2G	546
1.0	4.3	-	10	1170	1950	2.3	140.732	GKS11-3M □□□100C12	E84DVB□2224S□1N2G	538
1.0	4.3	-	10	1152	1920	3.1	140.952	GKS11-4M □□□100C12	E84DVB□2224S□1N2G	546
1.0	4.0	-	9.5	1234	2057	1.5	151.012	GKS09-4M □□□100C12	E84DVB□2224S□1N2G	546
0.9	3.9	-	9.4	1252	2088	2.8	153.242	GKS11-4M □□□100C12	E84DVB□2224S□1N2G	546
0.9	3.8	-	9.1	1320	2201	1.4	158.816	GKS09-3M □□□100C12	E84DVB□2224S□1N2G	538
0.9	3.8	-	9.1	1318	2197	2.3	158.571	GKS11-3M □□□100C12	E84DVB□2224S□1N2G	538
0.9	3.5	-	8.5	1390	2318	1.3	170.188	GKS09-4M □□□100C12	E84DVB□2224S□1N2G	546
0.8	3.5	-	8.3	1411	2352	2.5	172.667	GKS11-4M □□□100C12	E84DVB□2224S□1N2G	546
0.8	3.3	-	7.9	1513	2522	1.2	182.000	GKS09-3M □□□100C12	E84DVB□2224S□1N2G	538
0.8	3.2	-	7.7	1551	2586	2.3	186.572	GKS11-3M □□□100C12	E84DVB□2224S□1N2G	538
0.7	3.0	-	7.1	1649	2750	2.2	201.890	GKS11-4M □□□100C12	E84DVB□2224S□1N2G	546
0.7	2.9	-	7.0	1705	2842	1.1	205.111	GKS09-3M □□□100C12	E84DVB□2224S□1N2G	538
0.7	2.9	-	7.0	1672	2787	1.1	204.596	GKS09-4M □□□100C12	E84DVB□2224S□1N2G	546
0.7	2.9	-	6.9	1747	2913	2.0	210.222	GKS11-3M □□□100C12	E84DVB□2224S□1N2G	538
0.7	2.7	-	6.5	1836	3061	1.0	220.882	GKS09-3M □□□100C12	E84DVB□2224S□1N2G	538
0.6	2.7	-	6.4	1882	3138	1.9	226.431	GKS11-3M □□□100C12	E84DVB□2224S□1N2G	538
0.6	2.6	-	6.3	1884	3141	1.0	230.577	GKS09-4M □□□100C12	E84DVB□2224S□1N2G	546
0.6	2.6	-	6.3	1859	3099	1.9	227.481	GKS11-4M □□□100C12	E84DVB□2224S□1N2G	546
0.6	2.4	-	5.8	2069	3450	0.9	248.930	GKS09-3M □□□100C12	E84DVB□2224S□1N2G	538
0.6	2.4	-	5.8	2030	3384	0.9	248.439	GKS09-4M □□□100C12	E84DVB□2224S□1N2G	546
0.6	2.4	-	5.8	2027	3380	1.8	248.106	GKS11-4M □□□100C12	E84DVB□2224S□1N2G	546
0.6	2.4	-	5.6	2121	3536	1.7	255.133	GKS11-3M □□□100C12	E84DVB□2224S□1N2G	538
0.5	2.2	-	5.2	2284	3808	1.6	279.556	GKS11-4M □□□100C12	E84DVB□2224S□1N2G	546
0.5	2.1	-	5.1	2288	3814	0.8	279.986	GKS09-4M □□□100C12	E84DVB□2224S□1N2G	546
0.5	2.1	-	5.0	2379	3966	1.5	286.219	GKS11-3M □□□100C12	E84DVB□2224S□1N2G	538
0.5	1.9	-	4.5	2680	4469	1.3	322.500	GKS11-3M □□□100C12	E84DVB□2224S□1N2G	538
0.5	1.9	-	4.5	2638	4399	1.4	322.931	GKS11-4M □□□100C12	E84DVB□2224S□1N2G	546

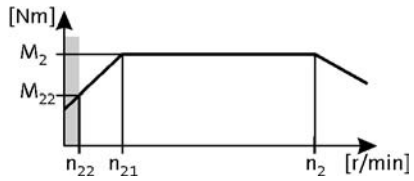
50 Hz: P_N = 2.20 kW

n_{22} / n_2 = 1 ... 10.0

n_1 = 144.0 ... 1440 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
0.5	1.9	-	4.5	2629	4383	2.6	321.729	GKS14-4M □□□100C12	E84DVB□2224S□1N2G	546
0.4	1.7	-	4.0	2973	4957	1.2	363.866	GKS11-4M □□□100C12	E84DVB□2224S□1N2G	546
0.4	1.7	-	4.0	2962	4938	2.3	362.512	GKS14-4M □□□100C12	E84DVB□2224S□1N2G	546
0.4	1.5	-	3.7	3192	5322	2.2	390.671	GKS14-4M □□□100C12	E84DVB□2224S□1N2G	546
0.4	1.5	-	3.6	3234	5392	1.1	395.787	GKS11-4M □□□100C12	E84DVB□2224S□1N2G	546
0.3	1.4	-	3.3	3596	5996	1.9	440.193	GKS14-4M □□□100C12	E84DVB□2224S□1N2G	546
0.3	1.4	-	3.2	3644	6075	1.0	445.958	GKS11-4M □□□100C12	E84DVB□2224S□1N2G	546
0.3	1.2	-	2.8	4185	6977	0.9	512.196	GKS11-4M □□□100C12	E84DVB□2224S□1N2G	546
0.3	1.2	-	2.8	4192	6990	1.6	513.121	GKS14-4M □□□100C12	E84DVB□2224S□1N2G	546
0.3	1.0	-	2.5	4724	7876	1.5	578.164	GKS14-4M □□□100C12	E84DVB□2224S□1N2G	546
0.2	1.0	-	2.3	5088	8483	1.4	622.742	GKS14-4M □□□100C12	E84DVB□2224S□1N2G	546
0.2	0.9	-	2.1	5733	9558	1.2	701.681	GKS14-4M □□□100C12	E84DVB□2224S□1N2G	546
0.2	0.7	-	1.8	6584	10978	1.1	805.901	GKS14-4M □□□100C12	E84DVB□2224S□1N2G	546
0.2	0.7	-	1.6	7419	12370	0.9	908.058	GKS14-4M □□□100C12	E84DVB□2224S□1N2G	546
0.2	0.6	-	1.5	7991	13323	0.9	978.071	GKS14-4M □□□100C12	E84DVB□2224S□1N2G	546



50 Hz: P_N = 3.00 kW

n_{22} / n_2 = 1 ... 10.0

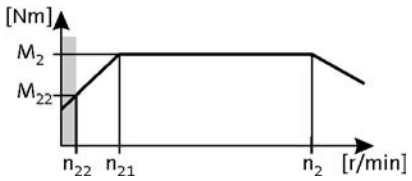
n_1 = 143.0 ... 1430 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
22	93	-	221	74	123	2.1	6.485	GKS06-3M □□□100C32	E84DVB□3024S□1N2G	538
21	87	-	208	78	131	1.1	6.863	GKS05-3M □□□100C32	E84DVB□3024S□1N2G	538
16	65	-	156	105	175	2.1	9.196	GKS06-3M □□□100C32	E84DVB□3024S□1N2G	538
15	64	-	152	108	179	0.9	9.412	GKS05-3M □□□100C32	E84DVB□3024S□1N2G	538
14	59	-	141	116	193	2.1	10.147	GKS06-3M □□□100C32	E84DVB□3024S□1N2G	538
14	57	-	135	121	201	1.1	10.569	GKS05-3M □□□100C32	E84DVB□3024S□1N2G	538
13	53	-	126	130	217	1.5	11.382	GKS06-3M □□□100C32	E84DVB□3024S□1N2G	538
13	53	-	126	130	217	2.8	11.378	GKS07-3M □□□100C32	E84DVB□3024S□1N2G	538
12	51	-	123	133	222	1.1	11.667	GKS05-3M □□□100C32	E84DVB□3024S□1N2G	538
11	48	-	113	144	240	1.8	12.612	GKS06-3M □□□100C32	E84DVB□3024S□1N2G	538
9.9	41	-	99	166	276	0.9	14.494	GKS05-3M □□□100C32	E84DVB□3024S□1N2G	538
9.7	41	-	97	169	282	2.1	14.824	GKS06-3M □□□100C32	E84DVB□3024S□1N2G	538
8.9	38	-	89	183	305	0.9	16.000	GKS05-3M □□□100C32	E84DVB□3024S□1N2G	538
8.6	36	-	86	191	318	1.9	16.699	GKS06-3M □□□100C32	E84DVB□3024S□1N2G	538
8.4	35	-	84	195	325	1.0	17.054	GKS05-3M □□□100C32	E84DVB□3024S□1N2G	538
8.3	35	-	83	197	329	3.0	17.270	GKS07-3M □□□100C32	E84DVB□3024S□1N2G	538
8.0	34	-	80	204	339	1.5	17.809	GKS06-3M □□□100C32	E84DVB□3024S□1N2G	538
7.4	31	-	74	220	366	0.8	19.216	GKS05-3M □□□100C32	E84DVB□3024S□1N2G	538
7.0	30	-	70	232	387	1.7	20.329	GKS06-3M □□□100C32	E84DVB□3024S□1N2G	538
6.2	26	-	62	262	436	1.4	22.902	GKS06-3M □□□100C32	E84DVB□3024S□1N2G	538
5.7	24	-	57	289	480	2.5	25.244	GKS07-3M □□□100C32	E84DVB□3024S□1N2G	538
5.5	23	-	55	297	495	1.4	26.017	GKS06-3M □□□100C32	E84DVB□3024S□1N2G	538
5.1	21	-	51	323	538	2.2	28.274	GKS07-3M □□□100C32	E84DVB□3024S□1N2G	538
5.0	21	-	50	325	542	1.3	28.461	GKS06-3M □□□100C32	E84DVB□3024S□1N2G	538
4.5	19	-	45	366	610	1.0	32.063	GKS06-3M □□□100C32	E84DVB□3024S□1N2G	538
4.5	19	-	45	364	606	1.9	31.858	GKS07-3M □□□100C32	E84DVB□3024S□1N2G	538
4.0	17	-	40	412	686	1.9	36.063	GKS07-3M □□□100C32	E84DVB□3024S□1N2G	538
3.9	17	-	39	415	691	1.0	36.303	GKS06-3M □□□100C32	E84DVB□3024S□1N2G	538
3.5	15	-	35	474	789	0.9	41.472	GKS06-3M □□□100C32	E84DVB□3024S□1N2G	538
3.2	14	-	32	508	846	0.8	44.471	GKS06-3M □□□100C32	E84DVB□3024S□1N2G	538
3.2	14	-	32	505	841	1.6	44.178	GKS07-3M □□□100C32	E84DVB□3024S□1N2G	538
2.8	12	-	28	575	958	1.4	50.345	GKS07-3M □□□100C32	E84DVB□3024S□1N2G	538
2.5	10	-	25	657	1094	1.2	57.501	GKS07-3M □□□100C32	E84DVB□3024S□1N2G	538
2.5	10	-	25	668	1112	2.7	58.456	GKS09-3M □□□100C32	E84DVB□3024S□1N2G	538
2.2	9.3	-	22	740	1233	1.0	64.790	GKS07-3M □□□100C32	E84DVB□3024S□1N2G	538
2.2	9.1	-	22	753	1254	2.4	65.879	GKS09-3M □□□100C32	E84DVB□3024S□1N2G	538
2.0	8.5	-	20	805	1341	1.0	70.474	GKS07-3M □□□100C32	E84DVB□3024S□1N2G	538
2.0	8.5	-	20	811	1351	2.2	70.982	GKS09-3M □□□100C32	E84DVB□3024S□1N2G	538
1.8	7.5	-	18	914	1522	2.0	79.996	GKS09-3M □□□100C32	E84DVB□3024S□1N2G	538
1.6	6.5	-	16	1050	1748	1.7	91.860	GKS09-3M □□□100C32	E84DVB□3024S□1N2G	538
1.6	6.5	-	16	1048	1746	2.5	91.737	GKS11-3M □□□100C32	E84DVB□3024S□1N2G	538

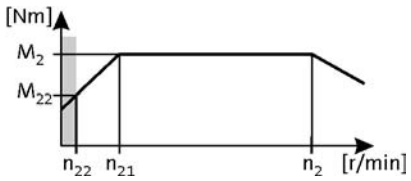
50 Hz: P_N = 3.00 kW

n_{22} / n_2 = 1 ... 10.0

n_1 = 143.0 ... 1430 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
1.4	5.8	-	14	1183	1970	1.6	103.524	GKS09-3M □□□100C32	E84DVB□3024S□1N2G	538
1.4	6.0	-	14	1130	1881	1.6	100.551	GKS09-4M □□□100C32	E84DVB□3024S□1N2G	546
1.4	5.8	-	14	1181	1967	2.5	103.365	GKS11-3M □□□100C32	E84DVB□3024S□1N2G	538
1.4	5.9	-	14	1147	1910	3.0	102.119	GKS11-4M □□□100C32	E84DVB□3024S□1N2G	546
1.3	5.4	-	13	1274	2121	1.4	111.484	GKS09-3M □□□100C32	E84DVB□3024S□1N2G	538
1.3	5.3	-	13	1273	2120	1.4	113.320	GKS09-4M □□□100C32	E84DVB□3024S□1N2G	546
1.3	5.4	-	13	1272	2119	2.1	111.335	GKS11-3M □□□100C32	E84DVB□3024S□1N2G	538
1.2	4.9	-	12	1385	2306	1.3	123.275	GKS09-4M □□□100C32	E84DVB□3024S□1N2G	546
1.2	5.2	-	12	1293	2152	2.7	115.063	GKS11-4M □□□100C32	E84DVB□3024S□1N2G	546
1.1	4.8	-	11	1436	2391	1.3	125.641	GKS09-3M □□□100C32	E84DVB□3024S□1N2G	538
1.1	4.8	-	11	1434	2387	2.1	125.448	GKS11-3M □□□100C32	E84DVB□3024S□1N2G	538
1.1	4.8	-	11	1405	2340	2.5	125.095	GKS11-4M □□□100C32	E84DVB□3024S□1N2G	546
1.0	4.3	-	10	1610	2682	1.1	140.921	GKS09-3M □□□100C32	E84DVB□3024S□1N2G	538
1.0	4.3	-	10	1561	2599	1.2	138.929	GKS09-4M □□□100C32	E84DVB□3024S□1N2G	546
1.0	4.3	-	10	1608	2678	1.7	140.732	GKS11-3M □□□100C32	E84DVB□3024S□1N2G	538
1.0	4.3	-	10	1583	2637	2.3	140.952	GKS11-4M □□□100C32	E84DVB□3024S□1N2G	546
1.0	4.0	-	9.5	1696	2825	1.1	151.012	GKS09-4M □□□100C32	E84DVB□3024S□1N2G	546
0.9	3.9	-	9.3	1721	2867	2.0	153.242	GKS11-4M □□□100C32	E84DVB□3024S□1N2G	546
0.9	3.8	-	9.0	1815	3022	1.0	158.816	GKS09-3M □□□100C32	E84DVB□3024S□1N2G	538
0.9	3.8	-	9.0	1812	3018	1.7	158.571	GKS11-3M □□□100C32	E84DVB□3024S□1N2G	538
0.8	3.5	-	8.4	1912	3184	1.0	170.188	GKS09-4M □□□100C32	E84DVB□3024S□1N2G	546
0.8	3.5	-	8.3	1940	3230	1.8	172.667	GKS11-4M □□□100C32	E84DVB□3024S□1N2G	546
0.8	3.3	-	7.9	2080	3463	0.9	182.000	GKS09-3M □□□100C32	E84DVB□3024S□1N2G	538
0.8	3.2	-	7.7	2132	3550	1.7	186.572	GKS11-3M □□□100C32	E84DVB□3024S□1N2G	538
0.7	3.0	-	7.1	2268	3777	1.6	201.890	GKS11-4M □□□100C32	E84DVB□3024S□1N2G	546
0.7	2.9	-	6.8	2402	4000	1.5	210.222	GKS11-3M □□□100C32	E84DVB□3024S□1N2G	538
0.6	2.7	-	6.3	2587	4309	1.4	226.431	GKS11-3M □□□100C32	E84DVB□3024S□1N2G	538
0.6	2.6	-	6.3	2555	4255	1.4	227.481	GKS11-4M □□□100C32	E84DVB□3024S□1N2G	546
0.6	2.4	-	5.8	2787	4641	1.3	248.106	GKS11-4M □□□100C32	E84DVB□3024S□1N2G	546
0.6	2.4	-	5.6	2915	4855	1.2	255.133	GKS11-3M □□□100C32	E84DVB□3024S□1N2G	538
0.5	2.2	-	5.1	3140	5229	1.2	279.556	GKS11-4M □□□100C32	E84DVB□3024S□1N2G	546
0.5	2.1	-	5.0	3271	5447	1.1	286.219	GKS11-3M □□□100C32	E84DVB□3024S□1N2G	538
0.4	1.9	-	4.4	3685	6137	1.0	322.500	GKS11-3M □□□100C32	E84DVB□3024S□1N2G	538
0.4	1.9	-	4.4	3627	6041	1.0	322.931	GKS11-4M □□□100C32	E84DVB□3024S□1N2G	546
0.4	1.9	-	4.4	3614	6018	1.9	321.729	GKS14-4M □□□100C32	E84DVB□3024S□1N2G	546
0.4	1.7	-	3.9	4087	6806	0.9	363.866	GKS11-4M □□□100C32	E84DVB□3024S□1N2G	546
0.4	1.7	-	3.9	4072	6781	1.7	362.512	GKS14-4M □□□100C32	E84DVB□3024S□1N2G	546
0.4	1.5	-	3.7	4388	7308	1.6	390.671	GKS14-4M □□□100C32	E84DVB□3024S□1N2G	546
0.4	1.5	-	3.6	4446	7403	0.8	395.787	GKS11-4M □□□100C32	E84DVB□3024S□1N2G	546
0.3	1.4	-	3.3	4945	8234	1.4	440.193	GKS14-4M □□□100C32	E84DVB□3024S□1N2G	546
0.3	1.2	-	2.8	5764	9598	1.2	513.121	GKS14-4M □□□100C32	E84DVB□3024S□1N2G	546



50 Hz: P_N = 3.00 kW

n_{22} / n_2 = 1 ... 10.0

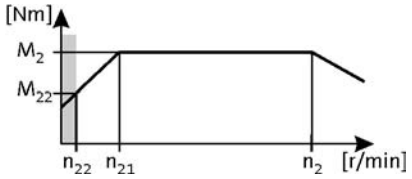
n_1 = 143.0 ... 1430 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
0.3	1.0	-	2.5	6494	10815	1.1	578.164	GKS14-4M □□□100C32	E84DVB□3024S□1N2G	546
0.2	1.0	-	2.3	6995	11649	1.0	622.742	GKS14-4M □□□100C32	E84DVB□3024S□1N2G	546
0.2	0.9	-	2.0	7882	13125	0.9	701.681	GKS14-4M □□□100C32	E84DVB□3024S□1N2G	546

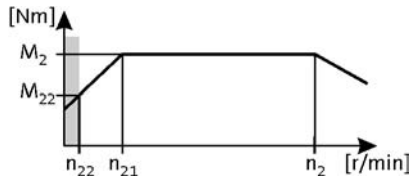
87 Hz: P_N = 0.33 kW

n_{22} / n_2 = 1 ... 17.4

n_1 = 142.2 ... 2475 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
15	61	-	252	9.1	12	2.9	9.836	GKS04-3M □□□063C32	E84DVB□5514S□1N2G	538
6.3	27	-	110	21	27	2.9	22.522	GKS04-3M □□□063C32	E84DVB□5514S□1N2G	538
5.7	24	-	99	23	30	2.9	25.088	GKS04-3M □□□063C32	E84DVB□5514S□1N2G	538
5.0	21	-	86	27	34	2.7	28.727	GKS04-3M □□□063C32	E84DVB□5514S□1N2G	538
4.5	19	-	77	30	38	2.7	32.000	GKS04-3M □□□063C32	E84DVB□5514S□1N2G	538
3.2	14	-	56	41	53	3.4	44.240	GKS04-3M □□□063C32	E84DVB□5514S□1N2G	538
2.8	12	-	49	47	61	2.9	50.943	GKS04-3M □□□063C32	E84DVB□5514S□1N2G	538
2.5	11	-	43	53	68	2.6	56.976	GKS04-3M □□□063C32	E84DVB□5514S□1N2G	538
2.2	9.2	-	38	60	78	2.3	64.978	GKS04-3M □□□063C32	E84DVB□5514S□1N2G	538
2.0	8.3	-	34	67	86	2.1	72.210	GKS04-3M □□□063C32	E84DVB□5514S□1N2G	538
1.6	6.6	-	27	83	108	1.7	90.491	GKS04-3M □□□063C32	E84DVB□5514S□1N2G	538
1.5	6.3	-	26	86	112	1.4	95.238	GKS05-4M □□□063C32	E84DVB□5514S□1N2G	546
1.4	6.0	-	25	92	120	1.5	100.067	GKS04-3M □□□063C32	E84DVB□5514S□1N2G	538
1.4	5.8	-	24	94	122	3.1	103.721	GKS06-4M □□□063C32	E84DVB□5514S□1N2G	546
1.3	5.4	-	22	103	133	1.3	111.467	GKS04-3M □□□063C32	E84DVB□5514S□1N2G	538
1.2	5.2	-	22	104	135	1.9	114.987	GKS05-4M □□□063C32	E84DVB□5514S□1N2G	546
1.3	5.3	-	22	103	133	3.2	113.205	GKS06-4M □□□063C32	E84DVB□5514S□1N2G	546
1.1	4.7	-	20	115	149	1.9	126.933	GKS05-4M □□□063C32	E84DVB□5514S□1N2G	546
1.1	4.7	-	20	115	149	3.2	127.059	GKS06-4M □□□063C32	E84DVB□5514S□1N2G	546
1.1	4.7	-	19	119	154	1.2	128.874	GKS04-3M □□□063C32	E84DVB□5514S□1N2G	538
1.0	4.3	-	18	128	166	3.2	140.816	GKS06-4M □□□063C32	E84DVB□5514S□1N2G	546
1.0	4.2	-	17	132	172	1.0	143.556	GKS04-3M □□□063C32	E84DVB□5514S□1N2G	538
1.0	4.1	-	17	133	172	1.5	146.667	GKS05-4M □□□063C32	E84DVB□5514S□1N2G	546
0.9	3.7	-	15	150	195	1.0	163.332	GKS04-3M □□□063C32	E84DVB□5514S□1N2G	538
0.9	3.7	-	15	147	190	1.5	161.905	GKS05-4M □□□063C32	E84DVB□5514S□1N2G	546
0.8	3.4	-	14	158	205	2.6	174.336	GKS06-4M □□□063C32	E84DVB□5514S□1N2G	546
0.8	3.2	-	13	168	218	1.5	185.547	GKS05-4M □□□063C32	E84DVB□5514S□1N2G	546
0.7	2.9	-	12	189	246	1.3	209.067	GKS05-4M □□□063C32	E84DVB□5514S□1N2G	546
0.6	2.7	-	11	205	266	1.0	225.867	GKS05-4M □□□063C32	E84DVB□5514S□1N2G	546
0.6	2.5	-	11	214	278	1.2	236.667	GKS05-4M □□□063C32	E84DVB□5514S□1N2G	546
0.6	2.7	-	11	203	264	2.0	224.524	GKS06-4M □□□063C32	E84DVB□5514S□1N2G	546
0.5	2.2	-	8.9	253	328	1.6	279.286	GKS06-4M □□□063C32	E84DVB□5514S□1N2G	546
0.5	1.9	-	7.8	287	373	1.9	316.800	GKS06-4M □□□063C32	E84DVB□5514S□1N2G	546
0.4	1.7	-	6.9	327	425	1.3	361.429	GKS06-4M □□□063C32	E84DVB□5514S□1N2G	546
0.4	1.5	-	6.1	369	480	1.5	408.000	GKS06-4M □□□063C32	E84DVB□5514S□1N2G	546
0.3	1.3	-	5.4	415	539	1.0	458.067	GKS06-4M □□□063C32	E84DVB□5514S□1N2G	546
0.3	1.2	-	4.8	468	608	1.2	517.091	GKS06-4M □□□063C32	E84DVB□5514S□1N2G	546
0.3	1.1	-	4.5	503	654	0.8	555.927	GKS06-4M □□□063C32	E84DVB□5514S□1N2G	546
0.2	0.9	-	3.9	580	753	0.9	640.800	GKS06-4M □□□063C32	E84DVB□5514S□1N2G	546



87 Hz: P_N = 0.45 kW

n_{22} / n_2 = 1 ... 17.4

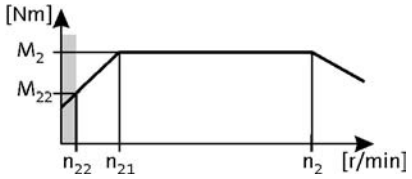
n_1 = 142.5 ... 2480 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
28	117	-	484	6.5	9.0	3.9	5.123	GKS04-3M □□□063C42	E84DVB□5514S□1N2G	538
20	85	-	353	9.0	12	3.9	7.025	GKS04-3M □□□063C42	E84DVB□5514S□1N2G	538
18	74	-	304	10	14	3.9	8.167	GKS04-3M □□□063C42	E84DVB□5514S□1N2G	538
16	67	-	276	12	15	4.4	8.991	GKS04-3M □□□063C42	E84DVB□5514S□1N2G	538
15	61	-	252	13	16	4.4	9.836	GKS04-3M □□□063C42	E84DVB□5514S□1N2G	538
12	51	-	211	15	19	3.9	11.730	GKS04-3M □□□063C42	E84DVB□5514S□1N2G	538
11	46	-	190	17	22	3.9	13.067	GKS04-3M □□□063C42	E84DVB□5514S□1N2G	538
9.9	42	-	173	18	24	4.4	14.333	GKS04-3M □□□063C42	E84DVB□5514S□1N2G	538
8.9	37	-	154	21	27	3.9	16.087	GKS04-3M □□□063C42	E84DVB□5514S□1N2G	538
8.0	34	-	138	23	30	3.9	17.920	GKS04-3M □□□063C42	E84DVB□5514S□1N2G	538
6.9	29	-	121	26	34	4.4	20.588	GKS04-3M □□□063C42	E84DVB□5514S□1N2G	538
6.3	27	-	110	29	37	4.1	22.522	GKS04-3M □□□063C42	E84DVB□5514S□1N2G	538
5.7	24	-	99	32	42	3.4	25.088	GKS04-3M □□□063C42	E84DVB□5514S□1N2G	538
5.0	21	-	86	37	48	3.3	28.727	GKS04-3M □□□063C42	E84DVB□5514S□1N2G	538
4.5	19	-	78	41	53	2.7	32.000	GKS04-3M □□□063C42	E84DVB□5514S□1N2G	538
4.1	17	-	71	45	58	2.7	35.191	GKS04-3M □□□063C42	E84DVB□5514S□1N2G	538
3.6	15	-	63	50	65	2.2	39.200	GKS04-3M □□□063C42	E84DVB□5514S□1N2G	538
3.2	14	-	56	56	73	2.4	44.240	GKS04-3M □□□063C42	E84DVB□5514S□1N2G	538
2.8	12	-	49	65	84	2.1	50.943	GKS04-3M □□□063C42	E84DVB□5514S□1N2G	538
2.5	11	-	44	73	94	1.9	56.976	GKS04-3M □□□063C42	E84DVB□5514S□1N2G	538
2.2	9.2	-	38	83	108	1.6	64.978	GKS04-3M □□□063C42	E84DVB□5514S□1N2G	538
2.1	9.0	-	37	85	110	2.9	66.592	GKS05-3M □□□063C42	E84DVB□5514S□1N2G	538
2.0	8.3	-	34	92	120	1.5	72.210	GKS04-3M □□□063C42	E84DVB□5514S□1N2G	538
1.9	8.0	-	33	96	124	2.4	75.033	GKS05-3M □□□063C42	E84DVB□5514S□1N2G	538
1.8	7.5	-	31	101	132	1.3	79.598	GKS04-3M □□□063C42	E84DVB□5514S□1N2G	538
1.7	7.2	-	30	106	137	2.3	82.833	GKS05-3M □□□063C42	E84DVB□5514S□1N2G	538
1.6	6.6	-	27	115	150	1.2	90.491	GKS04-3M □□□063C42	E84DVB□5514S□1N2G	538
1.5	6.4	-	27	119	155	2.0	93.333	GKS05-3M □□□063C42	E84DVB□5514S□1N2G	538
1.5	6.3	-	26	119	155	1.0	95.238	GKS05-4M □□□063C42	E84DVB□5514S□1N2G	546
1.4	6.0	-	25	128	166	1.1	100.067	GKS04-3M □□□063C42	E84DVB□5514S□1N2G	538
1.3	5.6	-	23	137	177	1.8	107.196	GKS05-3M □□□063C42	E84DVB□5514S□1N2G	538
1.3	5.4	-	22	142	185	0.9	111.467	GKS04-3M □□□063C42	E84DVB□5514S□1N2G	538
1.2	5.2	-	22	144	187	1.4	114.987	GKS05-4M □□□063C42	E84DVB□5514S□1N2G	546
1.3	5.3	-	22	142	184	2.9	113.205	GKS06-4M □□□063C42	E84DVB□5514S□1N2G	546
1.3	5.3	-	22	144	187	3.2	113.082	GKS06-3M □□□063C42	E84DVB□5514S□1N2G	538
1.2	5.0	-	21	154	200	1.6	120.784	GKS05-3M □□□063C42	E84DVB□5514S□1N2G	538
1.1	4.7	-	20	159	207	1.4	126.933	GKS05-4M □□□063C42	E84DVB□5514S□1N2G	546
1.1	4.7	-	20	162	211	3.0	127.392	GKS06-3M □□□063C42	E84DVB□5514S□1N2G	538
1.1	4.7	-	19	164	213	0.9	128.874	GKS04-3M □□□063C42	E84DVB□5514S□1N2G	538
1.1	4.6	-	19	166	215	1.5	130.097	GKS05-3M □□□063C42	E84DVB□5514S□1N2G	538
1.0	4.3	-	18	176	229	2.3	140.816	GKS06-4M □□□063C42	E84DVB□5514S□1N2G	546

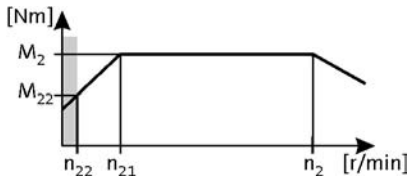
87 Hz: P_N = 0.45 kW

n_{22} / n_2 = 1 ... 17.4

n_1 = 142.5 ... 2480 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
1.0	4.1	-	17	184	239	1.1	146.667	GKS05-4M □□□063C42	E84DVB□5514S□1N2G	546
1.0	4.1	-	17	187	243	1.3	146.588	GKS05-3M □□□063C42	E84DVB□5514S□1N2G	538
1.0	4.2	-	17	182	237	2.6	142.941	GKS06-3M □□□063C42	E84DVB□5514S□1N2G	538
0.9	3.9	-	16	195	253	2.7	155.647	GKS06-4M □□□063C42	E84DVB□5514S□1N2G	546
0.9	3.7	-	15	203	263	1.1	161.905	GKS05-4M □□□063C42	E84DVB□5514S□1N2G	546
0.9	3.6	-	15	212	275	1.2	166.276	GKS05-3M □□□063C42	E84DVB□5514S□1N2G	538
0.9	3.7	-	15	205	267	2.4	161.029	GKS06-3M □□□063C42	E84DVB□5514S□1N2G	538
0.8	3.4	-	14	218	284	1.9	174.336	GKS06-4M □□□063C42	E84DVB□5514S□1N2G	546
0.8	3.2	-	13	239	310	1.0	187.353	GKS05-3M □□□063C42	E84DVB□5514S□1N2G	538
0.8	3.2	-	13	233	302	1.1	185.547	GKS05-4M □□□063C42	E84DVB□5514S□1N2G	546
0.8	3.2	-	13	242	315	2.2	190.080	GKS06-3M □□□063C42	E84DVB□5514S□1N2G	538
0.7	2.8	-	12	269	350	0.9	211.200	GKS05-3M □□□063C42	E84DVB□5514S□1N2G	538
0.7	2.9	-	12	262	340	0.9	209.067	GKS05-4M □□□063C42	E84DVB□5514S□1N2G	546
0.7	2.8	-	12	273	354	1.8	214.133	GKS06-3M □□□063C42	E84DVB□5514S□1N2G	538
0.7	3.0	-	12	254	330	2.1	202.588	GKS06-4M □□□063C42	E84DVB□5514S□1N2G	546
0.6	2.5	-	11	297	385	0.9	236.667	GKS05-4M □□□063C42	E84DVB□5514S□1N2G	546
0.6	2.7	-	11	281	365	1.5	224.524	GKS06-4M □□□063C42	E84DVB□5514S□1N2G	546
0.6	2.6	-	11	294	382	1.8	230.688	GKS06-3M □□□063C42	E84DVB□5514S□1N2G	538
0.6	2.7	-	11	279	363	2.9	222.909	GKS07-4M □□□063C42	E84DVB□5514S□1N2G	546
0.6	2.4	-	9.8	316	410	1.7	252.000	GKS06-4M □□□063C42	E84DVB□5514S□1N2G	546
0.6	2.3	-	9.5	331	430	1.5	259.880	GKS06-3M □□□063C42	E84DVB□5514S□1N2G	538
0.5	2.2	-	9.1	342	445	2.4	273.199	GKS07-4M □□□063C42	E84DVB□5514S□1N2G	546
0.5	2.2	-	8.9	350	454	1.2	279.286	GKS06-4M □□□063C42	E84DVB□5514S□1N2G	546
0.5	2.1	-	8.5	372	483	1.5	291.600	GKS06-3M □□□063C42	E84DVB□5514S□1N2G	538
0.5	1.9	-	7.8	397	516	1.4	316.800	GKS06-4M □□□063C42	E84DVB□5514S□1N2G	546
0.4	1.9	-	7.7	402	522	2.5	321.049	GKS07-4M □□□063C42	E84DVB□5514S□1N2G	546
0.4	1.8	-	7.6	419	544	1.2	328.500	GKS06-3M □□□063C42	E84DVB□5514S□1N2G	538
0.4	1.7	-	6.9	453	588	0.9	361.429	GKS06-4M □□□063C42	E84DVB□5514S□1N2G	546
0.4	1.7	-	6.9	450	584	1.8	358.829	GKS07-4M □□□063C42	E84DVB□5514S□1N2G	546
0.4	1.5	-	6.2	500	650	2.0	399.353	GKS07-4M □□□063C42	E84DVB□5514S□1N2G	546
0.4	1.5	-	6.1	511	664	1.1	408.000	GKS06-4M □□□063C42	E84DVB□5514S□1N2G	546
0.3	1.3	-	5.3	582	756	1.4	464.367	GKS07-4M □□□063C42	E84DVB□5514S□1N2G	546
0.3	1.2	-	4.8	648	841	0.8	517.091	GKS06-4M □□□063C42	E84DVB□5514S□1N2G	546
0.3	1.2	-	4.8	648	841	1.6	516.810	GKS07-4M □□□063C42	E84DVB□5514S□1N2G	546
0.3	1.1	-	4.4	706	917	1.2	563.572	GKS07-4M □□□063C42	E84DVB□5514S□1N2G	546
0.2	0.9	-	3.9	798	1036	1.3	636.581	GKS07-4M □□□063C42	E84DVB□5514S□1N2G	546
0.2	0.9	-	3.6	857	1113	1.0	683.972	GKS07-4M □□□063C42	E84DVB□5514S□1N2G	546
0.2	0.7	-	3.0	1032	1340	1.0	823.810	GKS07-4M □□□063C42	E84DVB□5514S□1N2G	546
0.2	0.7	-	3.0	1024	1330	2.3	817.551	GKS09-4M □□□063C42	E84DVB□5514S□1N2G	546
0.2	0.7	-	2.7	1163	1510	0.8	928.237	GKS07-4M □□□063C42	E84DVB□5514S□1N2G	546
0.2	0.7	-	2.7	1154	1499	2.1	921.367	GKS09-4M □□□063C42	E84DVB□5514S□1N2G	546



87 Hz: P_N = 0.45 kW

n_{22} / n_2 = 1 ... 17.4

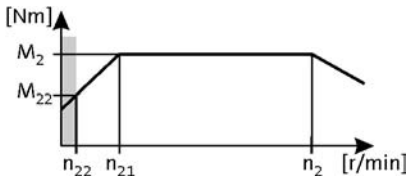
n_1 = 142.5 ... 2480 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
0.1	0.6	-	2.5	1253	1627	0.8	999.806	GKS07-4M □□□063C42	E84DVB□5514S□1N2G	546
0.1	0.6	-	2.5	1243	1614	1.9	992.209	GKS09-4M □□□063C42	E84DVB□5514S□1N2G	546
0.1	0.5	-	2.2	1401	1819	1.7	1118.204	GKS09-4M □□□063C42	E84DVB□5514S□1N2G	546
0.1	0.5	-	2.0	1571	2041	1.5	1254.197	GKS09-4M □□□063C42	E84DVB□5514S□1N2G	546
0.1	0.4	-	1.8	1771	2300	1.3	1413.461	GKS09-4M □□□063C42	E84DVB□5514S□1N2G	546

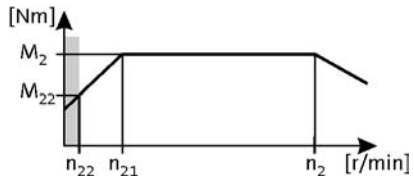
87 Hz: P_N = 0.66 kW

n_{22} / n_2 = 1 ... 17.4

n_1 = 144.8 ... 2520 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
28	117	-	492	9.4	12	3.3	5.123	GKS04-3M □□□071C32	E84DVB□7514S□1N2G	538
21	85	-	359	13	17	3.3	7.025	GKS04-3M □□□071C32	E84DVB□7514S□1N2G	538
18	74	-	309	15	19	3.3	8.167	GKS04-3M □□□071C32	E84DVB□7514S□1N2G	538
16	67	-	280	17	21	3.8	8.991	GKS04-3M □□□071C32	E84DVB□7514S□1N2G	538
15	61	-	256	18	23	3.8	9.836	GKS04-3M □□□071C32	E84DVB□7514S□1N2G	538
12	51	-	215	22	28	3.3	11.730	GKS04-3M □□□071C32	E84DVB□7514S□1N2G	538
11	46	-	193	24	31	3.3	13.067	GKS04-3M □□□071C32	E84DVB□7514S□1N2G	538
10	42	-	176	26	34	3.8	14.333	GKS04-3M □□□071C32	E84DVB□7514S□1N2G	538
9.0	37	-	157	30	38	3.3	16.087	GKS04-3M □□□071C32	E84DVB□7514S□1N2G	538
8.1	34	-	141	33	43	3.3	17.920	GKS04-3M □□□071C32	E84DVB□7514S□1N2G	538
7.0	29	-	122	38	49	3.1	20.588	GKS04-3M □□□071C32	E84DVB□7514S□1N2G	538
6.4	27	-	112	41	54	2.9	22.522	GKS04-3M □□□071C32	E84DVB□7514S□1N2G	538
5.8	24	-	100	46	60	2.4	25.088	GKS04-3M □□□071C32	E84DVB□7514S□1N2G	538
5.0	21	-	88	53	68	2.3	28.727	GKS04-3M □□□071C32	E84DVB□7514S□1N2G	538
4.5	19	-	79	59	76	1.8	32.000	GKS04-3M □□□071C32	E84DVB□7514S□1N2G	538
4.1	17	-	72	65	84	1.8	35.191	GKS04-3M □□□071C32	E84DVB□7514S□1N2G	538
3.7	15	-	64	72	93	1.5	39.200	GKS04-3M □□□071C32	E84DVB□7514S□1N2G	538
3.3	14	-	57	81	105	1.7	44.240	GKS04-3M □□□071C32	E84DVB□7514S□1N2G	538
3.1	13	-	54	86	112	2.6	47.059	GKS05-3M □□□071C32	E84DVB□7514S□1N2G	538
2.8	12	-	50	93	121	1.4	50.943	GKS04-3M □□□071C32	E84DVB□7514S□1N2G	538
2.5	11	-	44	104	136	1.3	56.976	GKS04-3M □□□071C32	E84DVB□7514S□1N2G	538
2.2	9.2	-	39	119	155	1.1	64.978	GKS04-3M □□□071C32	E84DVB□7514S□1N2G	538
2.2	9.0	-	38	122	159	2.0	66.592	GKS05-3M □□□071C32	E84DVB□7514S□1N2G	538
2.0	8.3	-	35	132	172	1.1	72.210	GKS04-3M □□□071C32	E84DVB□7514S□1N2G	538
1.9	8.0	-	34	138	179	1.7	75.033	GKS05-3M □□□071C32	E84DVB□7514S□1N2G	538
1.8	7.5	-	32	146	190	0.9	79.598	GKS04-3M □□□071C32	E84DVB□7514S□1N2G	538
1.8	7.2	-	30	152	197	1.6	82.833	GKS05-3M □□□071C32	E84DVB□7514S□1N2G	538
1.6	6.6	-	28	166	215	0.8	90.491	GKS04-3M □□□071C32	E84DVB□7514S□1N2G	538
1.6	6.4	-	27	171	222	1.4	93.333	GKS05-3M □□□071C32	E84DVB□7514S□1N2G	538
1.6	6.4	-	27	171	222	3.0	93.176	GKS06-3M □□□071C32	E84DVB□7514S□1N2G	538
1.4	5.6	-	24	197	255	1.2	107.196	GKS05-3M □□□071C32	E84DVB□7514S□1N2G	538
1.4	5.7	-	24	192	250	2.4	104.967	GKS06-3M □□□071C32	E84DVB□7514S□1N2G	538
1.4	5.8	-	24	187	243	2.7	103.721	GKS06-4M □□□071C32	E84DVB□7514S□1N2G	546
1.3	5.2	-	22	207	269	1.0	114.987	GKS05-4M □□□071C32	E84DVB□7514S□1N2G	546
1.3	5.3	-	22	204	265	2.0	113.205	GKS06-4M □□□071C32	E84DVB□7514S□1N2G	546
1.3	5.3	-	22	207	269	2.6	113.082	GKS06-3M □□□071C32	E84DVB□7514S□1N2G	538
1.2	5.0	-	21	221	288	1.1	120.784	GKS05-3M □□□071C32	E84DVB□7514S□1N2G	538
1.1	4.7	-	20	229	297	1.0	126.933	GKS05-4M □□□071C32	E84DVB□7514S□1N2G	546
1.1	4.7	-	20	234	303	2.1	127.392	GKS06-3M □□□071C32	E84DVB□7514S□1N2G	538
1.1	4.7	-	20	229	297	2.3	127.059	GKS06-4M □□□071C32	E84DVB□7514S□1N2G	546
1.1	4.6	-	19	238	310	1.1	130.097	GKS05-3M □□□071C32	E84DVB□7514S□1N2G	538



87 Hz: P_N = 0.66 kW

n_{22} / n_2 = 1 ... 17.4

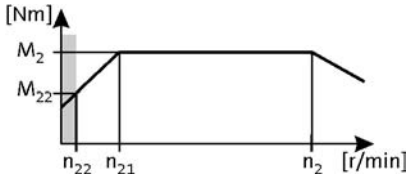
n_1 = 144.8 ... 2520 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
1.0	4.3	-	18	254	330	1.6	140.816	GKS06-4M □□□071C32	E84DVB□7514S□1N2G	546
1.0	4.2	-	18	262	340	2.1	142.941	GKS06-3M □□□071C32	E84DVB□7514S□1N2G	538
1.0	4.1	-	17	269	349	0.9	146.588	GKS05-3M □□□071C32	E84DVB□7514S□1N2G	538
0.9	3.7	-	16	295	383	1.7	161.029	GKS06-3M □□□071C32	E84DVB□7514S□1N2G	538
0.9	3.9	-	16	280	364	1.9	155.647	GKS06-4M □□□071C32	E84DVB□7514S□1N2G	546
0.9	3.6	-	15	305	396	0.8	166.276	GKS05-3M □□□071C32	E84DVB□7514S□1N2G	538
0.8	3.4	-	15	314	408	1.3	174.336	GKS06-4M □□□071C32	E84DVB□7514S□1N2G	546
0.8	3.4	-	14	323	419	2.5	179.201	GKS07-4M □□□071C32	E84DVB□7514S□1N2G	546
0.8	3.2	-	13	348	452	1.6	190.080	GKS06-3M □□□071C32	E84DVB□7514S□1N2G	538
0.7	2.8	-	12	393	510	1.3	214.133	GKS06-3M □□□071C32	E84DVB□7514S□1N2G	538
0.7	3.0	-	12	365	474	1.5	202.588	GKS06-4M □□□071C32	E84DVB□7514S□1N2G	546
0.7	2.7	-	11	405	525	1.0	224.524	GKS06-4M □□□071C32	E84DVB□7514S□1N2G	546
0.6	2.6	-	11	423	549	1.3	230.688	GKS06-3M □□□071C32	E84DVB□7514S□1N2G	538
0.7	2.7	-	11	402	522	2.0	222.909	GKS07-4M □□□071C32	E84DVB□7514S□1N2G	546
0.6	2.4	-	10	454	590	1.2	252.000	GKS06-4M □□□071C32	E84DVB□7514S□1N2G	546
0.6	2.3	-	9.7	476	619	1.0	259.880	GKS06-3M □□□071C32	E84DVB□7514S□1N2G	538
0.5	2.2	-	9.2	492	639	1.7	273.199	GKS07-4M □□□071C32	E84DVB□7514S□1N2G	546
0.5	2.2	-	9.0	503	654	0.8	279.286	GKS06-4M □□□071C32	E84DVB□7514S□1N2G	546
0.5	2.1	-	8.6	534	694	1.0	291.600	GKS06-3M □□□071C32	E84DVB□7514S□1N2G	538
0.5	1.9	-	8.0	571	741	1.0	316.800	GKS06-4M □□□071C32	E84DVB□7514S□1N2G	546
0.5	1.9	-	7.9	578	751	1.8	321.049	GKS07-4M □□□071C32	E84DVB□7514S□1N2G	546
0.4	1.8	-	7.7	602	782	0.8	328.500	GKS06-3M □□□071C32	E84DVB□7514S□1N2G	538
0.4	1.7	-	7.0	647	840	1.3	358.829	GKS07-4M □□□071C32	E84DVB□7514S□1N2G	546
0.4	1.5	-	6.3	720	934	1.4	399.353	GKS07-4M □□□071C32	E84DVB□7514S□1N2G	546
0.3	1.3	-	5.4	837	1087	1.0	464.367	GKS07-4M □□□071C32	E84DVB□7514S□1N2G	546
0.3	1.2	-	4.9	931	1209	1.1	516.810	GKS07-4M □□□071C32	E84DVB□7514S□1N2G	546
0.2	0.9	-	4.0	1147	1489	0.9	636.581	GKS07-4M □□□071C32	E84DVB□7514S□1N2G	546
0.2	0.7	-	3.1	1473	1913	1.6	817.551	GKS09-4M □□□071C32	E84DVB□7514S□1N2G	546
0.2	0.7	-	2.7	1660	2156	1.4	921.367	GKS09-4M □□□071C32	E84DVB□7514S□1N2G	546
0.2	0.6	-	2.5	1788	2322	1.3	992.209	GKS09-4M □□□071C32	E84DVB□7514S□1N2G	546
0.1	0.5	-	2.3	2015	2616	1.2	1118.204	GKS09-4M □□□071C32	E84DVB□7514S□1N2G	546
0.1	0.5	-	2.0	2260	2935	1.0	1254.197	GKS09-4M □□□071C32	E84DVB□7514S□1N2G	546
0.1	0.4	-	1.8	2547	3307	0.9	1413.461	GKS09-4M □□□071C32	E84DVB□7514S□1N2G	546

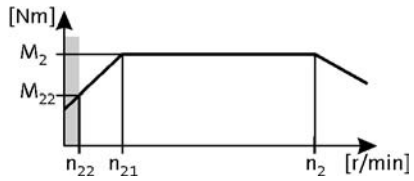
87 Hz: P_N = 1.00 kW

n_{22} / n_2 = 1 ... 17.4

n_1 = 144.5 ... 2515 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
28	117	-	491	14	18	3.7	5.123	GKS04-3M □□□071C42	E84DVB□1124S□1N2G	538
21	85	-	358	19	25	3.1	7.025	GKS04-3M □□□071C42	E84DVB□1124S□1N2G	538
18	74	-	308	22	29	3.7	8.167	GKS04-3M □□□071C42	E84DVB□1124S□1N2G	538
16	67	-	280	25	32	2.7	8.991	GKS04-3M □□□071C42	E84DVB□1124S□1N2G	538
15	61	-	256	27	35	2.6	9.836	GKS04-3M □□□071C42	E84DVB□1124S□1N2G	538
12	51	-	214	32	42	3.6	11.730	GKS04-3M □□□071C42	E84DVB□1124S□1N2G	538
11	46	-	191	36	47	3.0	13.176	GKS05-3M □□□071C42	E84DVB□1124S□1N2G	538
10	42	-	176	39	51	2.7	14.333	GKS04-3M □□□071C42	E84DVB□1124S□1N2G	538
9.0	37	-	156	44	57	2.7	16.087	GKS04-3M □□□071C42	E84DVB□1124S□1N2G	538
8.1	34	-	140	49	64	2.2	17.920	GKS04-3M □□□071C42	E84DVB□1124S□1N2G	538
7.0	29	-	122	56	73	2.1	20.588	GKS04-3M □□□071C42	E84DVB□1124S□1N2G	538
6.4	27	-	112	62	80	1.9	22.522	GKS04-3M □□□071C42	E84DVB□1124S□1N2G	538
5.8	24	-	100	69	89	1.6	25.088	GKS04-3M □□□071C42	E84DVB□1124S□1N2G	538
5.0	21	-	88	79	102	1.5	28.727	GKS04-3M □□□071C42	E84DVB□1124S□1N2G	538
4.8	20	-	84	82	106	2.6	29.931	GKS05-3M □□□071C42	E84DVB□1124S□1N2G	538
4.5	19	-	79	88	114	1.2	32.000	GKS04-3M □□□071C42	E84DVB□1124S□1N2G	538
4.4	18	-	77	90	116	2.4	32.744	GKS05-3M □□□071C42	E84DVB□1124S□1N2G	538
4.1	17	-	72	96	125	1.2	35.191	GKS04-3M □□□071C42	E84DVB□1124S□1N2G	538
3.9	16	-	68	101	131	1.9	36.894	GKS05-3M □□□071C42	E84DVB□1124S□1N2G	538
3.7	15	-	64	107	139	1.0	39.200	GKS04-3M □□□071C42	E84DVB□1124S□1N2G	538
3.5	14	-	60	114	148	1.9	41.765	GKS05-3M □□□071C42	E84DVB□1124S□1N2G	538
3.3	14	-	57	121	157	1.1	44.240	GKS04-3M □□□071C42	E84DVB□1124S□1N2G	538
3.1	13	-	53	129	167	1.7	47.059	GKS05-3M □□□071C42	E84DVB□1124S□1N2G	538
2.8	12	-	49	139	181	1.0	50.943	GKS04-3M □□□071C42	E84DVB□1124S□1N2G	538
2.8	12	-	49	140	182	1.7	51.162	GKS05-3M □□□071C42	E84DVB□1124S□1N2G	538
2.5	11	-	44	156	202	0.9	56.976	GKS04-3M □□□071C42	E84DVB□1124S□1N2G	538
2.5	10	-	44	158	205	1.4	57.647	GKS05-3M □□□071C42	E84DVB□1124S□1N2G	538
2.2	9.2	-	39	178	232	2.6	65.207	GKS06-3M □□□071C42	E84DVB□1124S□1N2G	538
2.2	9.0	-	38	182	236	1.3	66.592	GKS05-3M □□□071C42	E84DVB□1124S□1N2G	538
2.0	8.3	-	35	197	256	2.6	72.000	GKS06-3M □□□071C42	E84DVB□1124S□1N2G	538
1.9	8.0	-	34	205	266	1.1	75.033	GKS05-3M □□□071C42	E84DVB□1124S□1N2G	538
1.8	7.4	-	31	222	288	2.1	81.111	GKS06-3M □□□071C42	E84DVB□1124S□1N2G	538
1.7	7.2	-	30	227	294	1.1	82.833	GKS05-3M □□□071C42	E84DVB□1124S□1N2G	538
1.6	6.4	-	27	255	331	0.9	93.333	GKS05-3M □□□071C42	E84DVB□1124S□1N2G	538
1.6	6.4	-	27	255	331	2.0	93.176	GKS06-3M □□□071C42	E84DVB□1124S□1N2G	538
1.4	5.6	-	24	293	381	0.8	107.196	GKS05-3M □□□071C42	E84DVB□1124S□1N2G	538
1.4	5.7	-	24	287	373	1.6	104.967	GKS06-3M □□□071C42	E84DVB□1124S□1N2G	538
1.4	5.8	-	24	279	362	1.8	103.721	GKS06-4M □□□071C42	E84DVB□1124S□1N2G	546
1.3	5.3	-	22	304	395	1.4	113.205	GKS06-4M □□□071C42	E84DVB□1124S□1N2G	546
1.3	5.3	-	22	309	402	1.8	113.082	GKS06-3M □□□071C42	E84DVB□1124S□1N2G	538
1.3	5.3	-	22	302	392	2.7	112.391	GKS07-4M □□□071C42	E84DVB□1124S□1N2G	546



87 Hz: P_N = 1.00 kW

n_{22} / n_2 = 1 ... 17.4

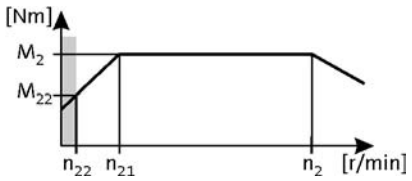
n_1 = 144.5 ... 2515 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
1.1	4.7	-	20	348	452	1.4	127.392	GKS06-3M □□□071C42	E84DVB□1124S□1N2G	538
1.1	4.7	-	20	342	444	1.6	127.059	GKS06-4M □□□071C42	E84DVB□1124S□1N2G	546
1.2	4.8	-	20	339	441	3.0	126.222	GKS07-4M □□□071C42	E84DVB□1124S□1N2G	546
1.0	4.3	-	18	379	492	1.1	140.816	GKS06-4M □□□071C42	E84DVB□1124S□1N2G	546
1.0	4.2	-	18	391	508	1.4	142.941	GKS06-3M □□□071C42	E84DVB□1124S□1N2G	538
1.1	4.4	-	18	370	481	2.2	137.748	GKS07-4M □□□071C42	E84DVB□1124S□1N2G	546
0.9	3.7	-	16	440	572	1.1	161.029	GKS06-3M □□□071C42	E84DVB□1124S□1N2G	538
0.9	3.9	-	16	418	543	1.3	155.647	GKS06-4M □□□071C42	E84DVB□1124S□1N2G	546
0.9	3.9	-	16	416	540	2.4	154.622	GKS07-4M □□□071C42	E84DVB□1124S□1N2G	546
0.8	3.4	-	14	469	609	0.9	174.336	GKS06-4M □□□071C42	E84DVB□1124S□1N2G	546
0.8	3.4	-	14	482	626	1.7	179.201	GKS07-4M □□□071C42	E84DVB□1124S□1N2G	546
0.8	3.2	-	13	520	675	1.0	190.080	GKS06-3M □□□071C42	E84DVB□1124S□1N2G	538
0.7	3.0	-	13	541	703	1.9	201.254	GKS07-4M □□□071C42	E84DVB□1124S□1N2G	546
0.7	2.8	-	12	586	760	0.8	214.133	GKS06-3M □□□071C42	E84DVB□1124S□1N2G	538
0.7	3.0	-	12	545	707	1.0	202.588	GKS06-4M □□□071C42	E84DVB□1124S□1N2G	546
0.6	2.6	-	11	631	819	0.9	230.688	GKS06-3M □□□071C42	E84DVB□1124S□1N2G	538
0.7	2.7	-	11	599	778	1.4	222.909	GKS07-4M □□□071C42	E84DVB□1124S□1N2G	546
0.6	2.4	-	10	663	861	1.5	246.659	GKS07-4M □□□071C42	E84DVB□1124S□1N2G	546
0.5	2.2	-	9.2	734	954	1.1	273.199	GKS07-4M □□□071C42	E84DVB□1124S□1N2G	546
0.5	1.9	-	7.8	863	1121	1.2	321.049	GKS07-4M □□□071C42	E84DVB□1124S□1N2G	546
0.5	1.9	-	7.8	869	1129	2.7	323.365	GKS09-4M □□□071C42	E84DVB□1124S□1N2G	546
0.4	1.7	-	7.0	964	1252	0.8	358.829	GKS07-4M □□□071C42	E84DVB□1124S□1N2G	546
0.4	1.7	-	6.9	979	1272	2.4	364.427	GKS09-4M □□□071C42	E84DVB□1124S□1N2G	546
0.4	1.5	-	6.3	1073	1394	1.0	399.353	GKS07-4M □□□071C42	E84DVB□1124S□1N2G	546
0.4	1.5	-	6.3	1081	1404	2.2	402.234	GKS09-4M □□□071C42	E84DVB□1124S□1N2G	546
0.3	1.3	-	5.6	1218	1582	1.9	453.311	GKS09-4M □□□071C42	E84DVB□1124S□1N2G	546
0.3	1.2	-	4.8	1399	1817	1.7	520.538	GKS09-4M □□□071C42	E84DVB□1124S□1N2G	546
0.3	1.0	-	4.3	1577	2048	1.5	586.638	GKS09-4M □□□071C42	E84DVB□1124S□1N2G	546
0.2	1.0	-	4.0	1698	2205	1.4	631.744	GKS09-4M □□□071C42	E84DVB□1124S□1N2G	546
0.2	0.8	-	3.5	1914	2485	1.2	711.965	GKS09-4M □□□071C42	E84DVB□1124S□1N2G	546
0.2	0.7	-	3.1	2197	2854	1.1	817.551	GKS09-4M □□□071C42	E84DVB□1124S□1N2G	546
0.2	0.7	-	2.7	2476	3216	1.0	921.367	GKS09-4M □□□071C42	E84DVB□1124S□1N2G	546
0.2	0.6	-	2.5	2667	3463	0.9	992.209	GKS09-4M □□□071C42	E84DVB□1124S□1N2G	546

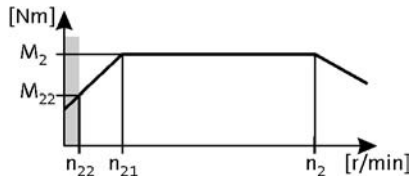
87 Hz: P_N = 1.35 kW

n_{22} / n_2 = 1 ... 17.4

n_1 = 144.8 ... 2520 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
28	117	-	492	19	25	2.7	5.123	GKS04-3M □□□080C32	E84DVB□1524S□1N2G	538
21	85	-	359	26	34	2.3	7.025	GKS04-3M □□□080C32	E84DVB□1524S□1N2G	538
18	74	-	309	31	39	2.7	8.167	GKS04-3M □□□080C32	E84DVB□1524S□1N2G	538
16	67	-	280	34	43	2.0	8.991	GKS04-3M □□□080C32	E84DVB□1524S□1N2G	538
15	61	-	256	37	48	1.9	9.836	GKS04-3M □□□080C32	E84DVB□1524S□1N2G	538
12	51	-	215	44	57	2.7	11.730	GKS04-3M □□□080C32	E84DVB□1524S□1N2G	538
11	46	-	193	49	63	2.2	13.067	GKS04-3M □□□080C32	E84DVB□1524S□1N2G	538
11	46	-	191	49	64	2.2	13.176	GKS05-3M □□□080C32	E84DVB□1524S□1N2G	538
10	42	-	176	54	69	2.0	14.333	GKS04-3M □□□080C32	E84DVB□1524S□1N2G	538
9.0	37	-	157	60	78	2.0	16.087	GKS04-3M □□□080C32	E84DVB□1524S□1N2G	538
8.1	34	-	141	67	87	1.6	17.920	GKS04-3M □□□080C32	E84DVB□1524S□1N2G	538
7.0	29	-	122	77	99	1.5	20.588	GKS04-3M □□□080C32	E84DVB□1524S□1N2G	538
6.4	27	-	112	84	109	1.4	22.522	GKS04-3M □□□080C32	E84DVB□1524S□1N2G	538
5.8	24	-	100	94	121	1.2	25.088	GKS04-3M □□□080C32	E84DVB□1524S□1N2G	538
5.0	21	-	88	107	139	1.1	28.727	GKS04-3M □□□080C32	E84DVB□1524S□1N2G	538
4.8	20	-	84	112	144	1.9	29.931	GKS05-3M □□□080C32	E84DVB□1524S□1N2G	538
4.5	19	-	79	119	154	0.9	32.000	GKS04-3M □□□080C32	E84DVB□1524S□1N2G	538
4.4	18	-	77	122	158	1.8	32.744	GKS05-3M □□□080C32	E84DVB□1524S□1N2G	538
4.1	17	-	72	131	170	0.9	35.191	GKS04-3M □□□080C32	E84DVB□1524S□1N2G	538
3.9	16	-	68	138	178	1.4	36.894	GKS05-3M □□□080C32	E84DVB□1524S□1N2G	538
3.5	14	-	60	156	202	1.4	41.765	GKS05-3M □□□080C32	E84DVB□1524S□1N2G	538
3.3	14	-	57	165	213	0.8	44.240	GKS04-3M □□□080C32	E84DVB□1524S□1N2G	538
3.1	13	-	54	176	227	1.3	47.059	GKS05-3M □□□080C32	E84DVB□1524S□1N2G	538
2.8	12	-	49	191	247	1.3	51.162	GKS05-3M □□□080C32	E84DVB□1524S□1N2G	538
2.5	10	-	44	215	278	1.1	57.647	GKS05-3M □□□080C32	E84DVB□1524S□1N2G	538
2.5	10	-	44	216	279	2.4	57.882	GKS06-3M □□□080C32	E84DVB□1524S□1N2G	538
2.2	9.2	-	39	243	315	1.9	65.207	GKS06-3M □□□080C32	E84DVB□1524S□1N2G	538
2.2	9.0	-	38	248	321	1.0	66.592	GKS05-3M □□□080C32	E84DVB□1524S□1N2G	538
2.0	8.3	-	35	269	347	1.9	72.000	GKS06-3M □□□080C32	E84DVB□1524S□1N2G	538
1.9	8.0	-	34	280	362	0.8	75.033	GKS05-3M □□□080C32	E84DVB□1524S□1N2G	538
1.8	7.4	-	31	303	391	1.5	81.111	GKS06-3M □□□080C32	E84DVB□1524S□1N2G	538
1.6	6.4	-	27	348	450	1.5	93.176	GKS06-3M □□□080C32	E84DVB□1524S□1N2G	538
1.6	6.5	-	27	345	447	2.8	92.563	GKS07-3M □□□080C32	E84DVB□1524S□1N2G	538
1.4	5.8	-	25	378	489	2.5	103.039	GKS07-4M □□□080C32	E84DVB□1524S□1N2G	546
1.4	5.7	-	24	392	506	1.2	104.967	GKS06-3M □□□080C32	E84DVB□1524S□1N2G	538
1.4	5.8	-	24	380	492	1.3	103.721	GKS06-4M □□□080C32	E84DVB□1524S□1N2G	546
1.4	5.8	-	24	389	503	2.3	104.296	GKS07-3M □□□080C32	E84DVB□1524S□1N2G	538
1.3	5.3	-	22	415	537	1.0	113.205	GKS06-4M □□□080C32	E84DVB□1524S□1N2G	546
1.3	5.3	-	22	422	546	1.3	113.082	GKS06-3M □□□080C32	E84DVB□1524S□1N2G	538
1.3	5.3	-	22	412	533	2.0	112.391	GKS07-4M □□□080C32	E84DVB□1524S□1N2G	546
1.3	5.3	-	22	419	542	2.5	112.338	GKS07-3M □□□080C32	E84DVB□1524S□1N2G	538



87 Hz: P_N = 1.35 kW

n_{22} / n_2 = 1 ... 17.4

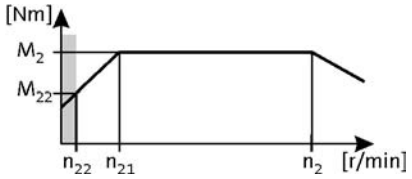
n_1 = 144.8 ... 2520 r/min

n_{22}	n_{21}		n_2	M_{22}	M_2	c	i			
[r/min]	[r/min]		[r/min]	[Nm]	[Nm]					
1.1	4.7	-	20	475	615	1.0	127.392	GKS06-3M □□□080C32	E84DVB□1524S□1N2G	538
1.1	4.7	-	20	466	603	1.1	127.059	GKS06-4M □□□080C32	E84DVB□1524S□1N2G	546
1.1	4.7	-	20	472	611	2.0	126.578	GKS07-3M □□□080C32	E84DVB□1524S□1N2G	538
1.2	4.8	-	20	463	599	2.2	126.222	GKS07-4M □□□080C32	E84DVB□1524S□1N2G	546
1.0	4.3	-	18	516	668	0.8	140.816	GKS06-4M □□□080C32	E84DVB□1524S□1N2G	546
1.0	4.2	-	18	533	690	1.0	142.941	GKS06-3M □□□080C32	E84DVB□1524S□1N2G	538
1.1	4.4	-	18	505	653	1.6	137.748	GKS07-4M □□□080C32	E84DVB□1524S□1N2G	546
0.9	3.7	-	16	601	777	0.8	161.029	GKS06-3M □□□080C32	E84DVB□1524S□1N2G	538
0.9	3.9	-	16	571	738	0.9	155.647	GKS06-4M □□□080C32	E84DVB□1524S□1N2G	546
0.9	3.9	-	16	567	733	1.8	154.622	GKS07-4M □□□080C32	E84DVB□1524S□1N2G	546
0.8	3.4	-	14	657	850	1.2	179.201	GKS07-4M □□□080C32	E84DVB□1524S□1N2G	546
0.8	3.3	-	14	689	891	1.5	184.600	GKS07-3M □□□080C32	E84DVB□1524S□1N2G	538
0.7	3.0	-	13	738	955	1.4	201.254	GKS07-4M □□□080C32	E84DVB□1524S□1N2G	546
0.7	2.9	-	12	776	1004	1.2	208.000	GKS07-3M □□□080C32	E84DVB□1524S□1N2G	538
0.7	2.7	-	11	817	1057	1.0	222.909	GKS07-4M □□□080C32	E84DVB□1524S□1N2G	546
0.7	2.7	-	11	836	1081	1.2	224.037	GKS07-3M □□□080C32	E84DVB□1524S□1N2G	538
0.6	2.4	-	10	942	1218	1.0	252.436	GKS07-3M □□□080C32	E84DVB□1524S□1N2G	538
0.6	2.4	-	10	904	1170	1.1	246.659	GKS07-4M □□□080C32	E84DVB□1524S□1N2G	546
0.5	2.2	-	9.2	1002	1296	0.8	273.199	GKS07-4M □□□080C32	E84DVB□1524S□1N2G	546
0.5	2.1	-	8.9	1056	1366	1.0	283.193	GKS07-3M □□□080C32	E84DVB□1524S□1N2G	538
0.5	1.9	-	7.9	1177	1523	0.9	321.049	GKS07-4M □□□080C32	E84DVB□1524S□1N2G	546
0.5	1.9	-	7.8	1186	1534	2.0	323.365	GKS09-4M □□□080C32	E84DVB□1524S□1N2G	546
0.4	1.7	-	6.9	1336	1728	1.8	364.427	GKS09-4M □□□080C32	E84DVB□1524S□1N2G	546
0.4	1.5	-	6.3	1475	1908	1.6	402.234	GKS09-4M □□□080C32	E84DVB□1524S□1N2G	546
0.3	1.3	-	5.6	1662	2150	1.4	453.311	GKS09-4M □□□080C32	E84DVB□1524S□1N2G	546
0.3	1.2	-	4.8	1909	2469	1.2	520.538	GKS09-4M □□□080C32	E84DVB□1524S□1N2G	546
0.3	1.0	-	4.3	2151	2782	1.1	586.638	GKS09-4M □□□080C32	E84DVB□1524S□1N2G	546
0.2	1.0	-	4.0	2316	2996	1.0	631.744	GKS09-4M □□□080C32	E84DVB□1524S□1N2G	546
0.2	0.8	-	3.5	2611	3377	0.9	711.965	GKS09-4M □□□080C32	E84DVB□1524S□1N2G	546
0.2	0.7	-	3.1	2994	3872	1.5	816.455	GKS11-4M □□□080C32	E84DVB□1524S□1N2G	546
0.2	0.7	-	2.7	3373	4363	1.4	919.949	GKS11-4M □□□080C32	E84DVB□1524S□1N2G	546
0.2	0.6	-	2.5	3633	4700	1.3	990.879	GKS11-4M □□□080C32	E84DVB□1524S□1N2G	546
0.1	0.5	-	2.3	4094	5295	1.2	1116.484	GKS11-4M □□□080C32	E84DVB□1524S□1N2G	546
0.1	0.5	-	2.0	4593	5940	1.0	1252.516	GKS11-4M □□□080C32	E84DVB□1524S□1N2G	546
0.1	0.4	-	1.8	5175	6693	0.9	1411.286	GKS11-4M □□□080C32	E84DVB□1524S□1N2G	546

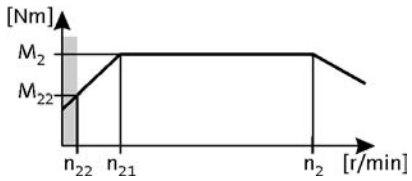
87 Hz: P_N = 2.00 kW

n_{22} / n_2 = 1 ... 17.4

n_1 = 143.7 ... 2500 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
28	176	-	488	21	37	1.9	5.123	GKS04-3M □□□080C42	E84DVB□2224S□1N2G	538
21	131	-	364	29	49	2.5	6.863	GKS05-3M □□□080C42	E84DVB□2224S□1N2G	538
21	128	-	356	29	50	1.6	7.025	GKS04-3M □□□080C42	E84DVB□2224S□1N2G	538
18	110	-	306	34	59	1.9	8.167	GKS04-3M □□□080C42	E84DVB□2224S□1N2G	538
16	100	-	278	37	65	1.3	8.991	GKS04-3M □□□080C42	E84DVB□2224S□1N2G	538
15	96	-	266	39	68	2.1	9.412	GKS05-3M □□□080C42	E84DVB□2224S□1N2G	538
15	92	-	254	41	71	1.3	9.836	GKS04-3M □□□080C42	E84DVB□2224S□1N2G	538
14	85	-	237	44	76	2.5	10.569	GKS05-3M □□□080C42	E84DVB□2224S□1N2G	538
12	77	-	214	49	84	2.5	11.667	GKS05-3M □□□080C42	E84DVB□2224S□1N2G	538
12	77	-	213	49	84	1.8	11.730	GKS04-3M □□□080C42	E84DVB□2224S□1N2G	538
11	69	-	191	54	94	1.5	13.067	GKS04-3M □□□080C42	E84DVB□2224S□1N2G	538
11	68	-	190	55	95	1.5	13.176	GKS05-3M □□□080C42	E84DVB□2224S□1N2G	538
10	63	-	174	60	103	1.3	14.333	GKS04-3M □□□080C42	E84DVB□2224S□1N2G	538
9.9	62	-	173	60	104	2.1	14.494	GKS05-3M □□□080C42	E84DVB□2224S□1N2G	538
9.0	56	-	156	67	115	2.1	16.000	GKS05-3M □□□080C42	E84DVB□2224S□1N2G	538
8.9	56	-	155	67	116	1.3	16.087	GKS04-3M □□□080C42	E84DVB□2224S□1N2G	538
8.4	53	-	147	71	122	2.2	17.054	GKS05-3M □□□080C42	E84DVB□2224S□1N2G	538
8.0	50	-	140	74	129	1.1	17.920	GKS04-3M □□□080C42	E84DVB□2224S□1N2G	538
7.5	47	-	130	80	138	1.8	19.216	GKS05-3M □□□080C42	E84DVB□2224S□1N2G	538
7.0	44	-	121	86	148	1.0	20.588	GKS04-3M □□□080C42	E84DVB□2224S□1N2G	538
6.4	40	-	111	94	162	1.0	22.522	GKS04-3M □□□080C42	E84DVB□2224S□1N2G	538
6.1	39	-	107	97	168	1.7	23.388	GKS05-3M □□□080C42	E84DVB□2224S□1N2G	538
5.5	34	-	95	110	189	1.3	26.353	GKS05-3M □□□080C42	E84DVB□2224S□1N2G	538
4.8	30	-	84	124	215	1.3	29.931	GKS05-3M □□□080C42	E84DVB□2224S□1N2G	538
4.5	28	-	78	133	230	2.2	32.063	GKS06-3M □□□080C42	E84DVB□2224S□1N2G	538
4.4	28	-	76	136	235	1.2	32.744	GKS05-3M □□□080C42	E84DVB□2224S□1N2G	538
4.0	25	-	69	151	261	2.2	36.303	GKS06-3M □□□080C42	E84DVB□2224S□1N2G	538
3.9	24	-	68	153	265	1.0	36.894	GKS05-3M □□□080C42	E84DVB□2224S□1N2G	538
3.4	22	-	60	174	300	0.9	41.765	GKS05-3M □□□080C42	E84DVB□2224S□1N2G	538
3.2	20	-	56	185	319	2.1	44.471	GKS06-3M □□□080C42	E84DVB□2224S□1N2G	538
3.1	19	-	53	195	338	0.9	47.059	GKS05-3M □□□080C42	E84DVB□2224S□1N2G	538
2.8	18	-	49	213	367	0.9	51.162	GKS05-3M □□□080C42	E84DVB□2224S□1N2G	538
2.7	17	-	47	220	381	1.8	53.074	GKS06-3M □□□080C42	E84DVB□2224S□1N2G	538
2.5	16	-	44	239	413	3.0	57.501	GKS07-3M □□□080C42	E84DVB□2224S□1N2G	538
2.5	16	-	43	240	416	1.6	57.882	GKS06-3M □□□080C42	E84DVB□2224S□1N2G	538
2.2	14	-	39	269	465	2.5	64.790	GKS07-3M □□□080C42	E84DVB□2224S□1N2G	538
2.2	14	-	38	271	468	1.3	65.207	GKS06-3M □□□080C42	E84DVB□2224S□1N2G	538
2.0	13	-	36	293	506	2.5	70.474	GKS07-3M □□□080C42	E84DVB□2224S□1N2G	538
2.0	13	-	35	299	517	1.3	72.000	GKS06-3M □□□080C42	E84DVB□2224S□1N2G	538
1.8	11	-	32	330	570	2.0	79.407	GKS07-3M □□□080C42	E84DVB□2224S□1N2G	538
1.8	11	-	31	337	582	1.0	81.111	GKS06-3M □□□080C42	E84DVB□2224S□1N2G	538



87 Hz: P_N = 2.00 kW

n_{22} / n_2 = 1 ... 17.4

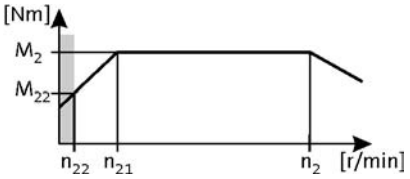
n_1 = 143.7 ... 2500 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
1.5	9.7	-	27	387	669	1.0	93.176	GKS06-3M □□□080C42	E84DVB□2224S□1N2G	538
1.6	9.7	-	27	384	664	1.9	92.563	GKS07-3M □□□080C42	E84DVB□2224S□1N2G	538
		-	24	436	754	0.8	104.967	GKS06-3M □□□080C42	E84DVB□2224S□1N2G	538
1.4	8.7	-	24	424	732	0.9	103.721	GKS06-4M □□□080C42	E84DVB□2224S□1N2G	546
1.4	8.6	-	24	433	749	1.6	104.296	GKS07-3M □□□080C42	E84DVB□2224S□1N2G	538
1.4	8.7	-	24	421	727	1.7	103.039	GKS07-4M □□□080C42	E84DVB□2224S□1N2G	546
1.3	8.0	-	22	470	812	0.9	113.082	GKS06-3M □□□080C42	E84DVB□2224S□1N2G	538
1.3	8.0	-	22	459	793	1.3	112.391	GKS07-4M □□□080C42	E84DVB□2224S□1N2G	546
1.3	8.0	-	22	467	806	1.7	112.338	GKS07-3M □□□080C42	E84DVB□2224S□1N2G	538
1.1	7.1	-	20	526	909	1.3	126.578	GKS07-3M □□□080C42	E84DVB□2224S□1N2G	538
1.1	7.1	-	20	515	891	1.5	126.222	GKS07-4M □□□080C42	E84DVB□2224S□1N2G	546
1.0	6.5	-	18	562	972	1.1	137.748	GKS07-4M □□□080C42	E84DVB□2224S□1N2G	546
1.0	6.4	-	18	584	1009	1.3	140.548	GKS07-3M □□□080C42	E84DVB□2224S□1N2G	538
1.0	6.5	-	18	567	980	3.1	138.929	GKS09-4M □□□080C42	E84DVB□2224S□1N2G	546
1.0	6.0	-	17	617	1066	2.8	151.012	GKS09-4M □□□080C42	E84DVB□2224S□1N2G	546
0.9	5.7	-	16	658	1137	1.1	158.364	GKS07-3M □□□080C42	E84DVB□2224S□1N2G	538
0.9	5.8	-	16	631	1091	1.2	154.622	GKS07-4M □□□080C42	E84DVB□2224S□1N2G	546
0.8	5.3	-	15	695	1201	2.5	170.188	GKS09-4M □□□080C42	E84DVB□2224S□1N2G	546
0.8	5.0	-	14	732	1265	0.8	179.201	GKS07-4M □□□080C42	E84DVB□2224S□1N2G	546
0.8	4.9	-	14	767	1325	1.0	184.600	GKS07-3M □□□080C42	E84DVB□2224S□1N2G	538
0.7	4.3	-	12	864	1493	0.8	208.000	GKS07-3M □□□080C42	E84DVB□2224S□1N2G	538
0.7	4.5	-	12	822	1420	0.9	201.254	GKS07-4M □□□080C42	E84DVB□2224S□1N2G	546
0.7	4.4	-	12	835	1444	2.1	204.596	GKS09-4M □□□080C42	E84DVB□2224S□1N2G	546
0.6	4.0	-	11	931	1608	0.8	224.037	GKS07-3M □□□080C42	E84DVB□2224S□1N2G	538
0.6	3.9	-	11	941	1627	1.9	230.577	GKS09-4M □□□080C42	E84DVB□2224S□1N2G	546
0.6	3.6	-	10	1014	1753	1.7	248.439	GKS09-4M □□□080C42	E84DVB□2224S□1N2G	546
0.5	3.2	-	8.9	1143	1976	1.6	279.986	GKS09-4M □□□080C42	E84DVB□2224S□1N2G	546
0.4	2.8	-	7.7	1320	2282	1.3	323.365	GKS09-4M □□□080C42	E84DVB□2224S□1N2G	546
0.4	2.8	-	7.7	1318	2279	2.6	322.931	GKS11-4M □□□080C42	E84DVB□2224S□1N2G	546
0.4	2.5	-	6.9	1488	2571	1.2	364.427	GKS09-4M □□□080C42	E84DVB□2224S□1N2G	546
0.4	2.5	-	6.9	1486	2568	2.4	363.866	GKS11-4M □□□080C42	E84DVB□2224S□1N2G	546
0.4	2.3	-	6.3	1616	2793	2.1	395.787	GKS11-4M □□□080C42	E84DVB□2224S□1N2G	546
0.4	2.2	-	6.2	1642	2838	1.1	402.234	GKS09-4M □□□080C42	E84DVB□2224S□1N2G	546
0.3	2.0	-	5.6	1821	3147	1.9	445.958	GKS11-4M □□□080C42	E84DVB□2224S□1N2G	546
0.3	2.0	-	5.5	1851	3199	1.0	453.311	GKS09-4M □□□080C42	E84DVB□2224S□1N2G	546
0.3	1.8	-	4.9	2091	3614	1.7	512.196	GKS11-4M □□□080C42	E84DVB□2224S□1N2G	546
0.3	1.7	-	4.8	2125	3673	0.8	520.538	GKS09-4M □□□080C42	E84DVB□2224S□1N2G	546
0.3	1.6	-	4.3	2356	4072	1.5	577.122	GKS11-4M □□□080C42	E84DVB□2224S□1N2G	546
0.2	1.5	-	4.0	2538	4386	1.4	621.619	GKS11-4M □□□080C42	E84DVB□2224S□1N2G	546
0.2	1.3	-	3.6	2860	4942	1.2	700.416	GKS11-4M □□□080C42	E84DVB□2224S□1N2G	546
0.2	1.1	-	3.1	3333	5761	1.0	816.455	GKS11-4M □□□080C42	E84DVB□2224S□1N2G	546

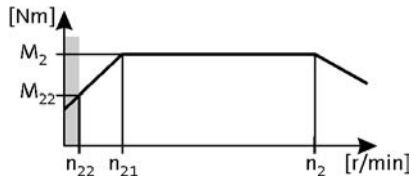
87 Hz: P_N = 2.00 kW

n_{22} / n_2 = 1 ... 17.4

n_1 = 143.7 ... 2500 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
0.2	1.0	-	2.7	3756	6491	0.9	919.949	GKS11-4M □□□080C42	E84DVB□2224S□1N2G	546
0.2	0.9	-	2.5	4045	6992	0.9	990.879	GKS11-4M □□□080C42	E84DVB□2224S□1N2G	546



87 Hz: P_N = 2.70 kW

n_{22} / n_2 = 1 ... 17.4

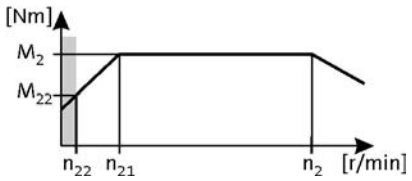
n_1 = 144.8 ... 2520 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
28	117	-	489	35	50	1.4	5.123	GKS04-3M □□□090C32	E84DVB□3024S□1N2G	538
21	87	-	365	47	67	1.9	6.863	GKS05-3M □□□090C32	E84DVB□3024S□1N2G	538
21	85	-	357	48	69	1.1	7.025	GKS04-3M □□□090C32	E84DVB□3024S□1N2G	538
18	74	-	307	56	80	1.4	8.167	GKS04-3M □□□090C32	E84DVB□3024S□1N2G	538
16	67	-	279	62	88	1.0	8.991	GKS04-3M □□□090C32	E84DVB□3024S□1N2G	538
15	64	-	266	65	92	1.5	9.412	GKS05-3M □□□090C32	E84DVB□3024S□1N2G	538
15	61	-	255	67	96	0.9	9.836	GKS04-3M □□□090C32	E84DVB□3024S□1N2G	538
14	57	-	237	72	103	1.9	10.569	GKS05-3M □□□090C32	E84DVB□3024S□1N2G	538
13	53	-	220	78	111	2.5	11.382	GKS06-3M □□□090C32	E84DVB□3024S□1N2G	538
12	51	-	215	80	114	1.9	11.667	GKS05-3M □□□090C32	E84DVB□3024S□1N2G	538
12	51	-	214	80	114	1.3	11.730	GKS04-3M □□□090C32	E84DVB□3024S□1N2G	538
11	46	-	192	90	127	1.1	13.067	GKS04-3M □□□090C32	E84DVB□3024S□1N2G	538
11	46	-	190	90	129	1.1	13.176	GKS05-3M □□□090C32	E84DVB□3024S□1N2G	538
10	42	-	175	98	140	1.0	14.333	GKS04-3M □□□090C32	E84DVB□3024S□1N2G	538
10	41	-	173	99	141	1.5	14.494	GKS05-3M □□□090C32	E84DVB□3024S□1N2G	538
9.1	38	-	157	110	156	1.5	16.000	GKS05-3M □□□090C32	E84DVB□3024S□1N2G	538
9.0	37	-	156	110	157	1.0	16.087	GKS04-3M □□□090C32	E84DVB□3024S□1N2G	538
8.5	35	-	147	117	166	1.6	17.054	GKS05-3M □□□090C32	E84DVB□3024S□1N2G	538
8.1	34	-	141	122	174	2.5	17.809	GKS06-3M □□□090C32	E84DVB□3024S□1N2G	538
8.1	34	-	140	123	175	0.8	17.920	GKS04-3M □□□090C32	E84DVB□3024S□1N2G	538
7.5	31	-	130	132	187	1.3	19.216	GKS05-3M □□□090C32	E84DVB□3024S□1N2G	538
6.2	26	-	107	160	228	1.2	23.388	GKS05-3M □□□090C32	E84DVB□3024S□1N2G	538
5.6	23	-	96	178	254	2.3	26.017	GKS06-3M □□□090C32	E84DVB□3024S□1N2G	538
5.5	23	-	95	181	257	1.0	26.353	GKS05-3M □□□090C32	E84DVB□3024S□1N2G	538
5.1	21	-	88	195	278	2.1	28.461	GKS06-3M □□□090C32	E84DVB□3024S□1N2G	538
4.8	20	-	84	205	292	1.0	29.931	GKS05-3M □□□090C32	E84DVB□3024S□1N2G	538
4.5	19	-	78	220	313	1.6	32.063	GKS06-3M □□□090C32	E84DVB□3024S□1N2G	538
4.4	18	-	77	224	319	0.9	32.744	GKS05-3M □□□090C32	E84DVB□3024S□1N2G	538
4.0	17	-	69	249	354	1.6	36.303	GKS06-3M □□□090C32	E84DVB□3024S□1N2G	538
3.3	14	-	56	305	434	1.5	44.471	GKS06-3M □□□090C32	E84DVB□3024S□1N2G	538
2.7	11	-	47	364	518	1.3	53.074	GKS06-3M □□□090C32	E84DVB□3024S□1N2G	538
2.5	10	-	44	394	561	2.2	57.501	GKS07-3M □□□090C32	E84DVB□3024S□1N2G	538
2.5	10	-	43	396	565	1.2	57.882	GKS06-3M □□□090C32	E84DVB□3024S□1N2G	538
2.2	9.3	-	39	444	632	1.8	64.790	GKS07-3M □□□090C32	E84DVB□3024S□1N2G	538
2.2	9.2	-	38	447	636	0.9	65.207	GKS06-3M □□□090C32	E84DVB□3024S□1N2G	538
2.1	8.5	-	36	483	687	1.8	70.474	GKS07-3M □□□090C32	E84DVB□3024S□1N2G	538
2.0	8.3	-	35	493	702	1.0	72.000	GKS06-3M □□□090C32	E84DVB□3024S□1N2G	538
1.8	7.6	-	32	544	775	1.5	79.407	GKS07-3M □□□090C32	E84DVB□3024S□1N2G	538
1.6	6.5	-	27	634	903	1.4	92.563	GKS07-3M □□□090C32	E84DVB□3024S□1N2G	538
1.6	6.5	-	27	629	896	2.7	91.860	GKS09-3M □□□090C32	E84DVB□3024S□1N2G	538
1.4	6.0	-	25	677	964	3.0	100.551	GKS09-4M □□□090C32	E84DVB□3024S□1N2G	546

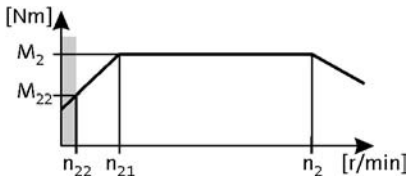
87 Hz: P_N = 2.70 kW

n_{22} / n_2 = 1 ... 17.4

n_1 = 144.8 ... 2520 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
1.4	5.8	-	24	714	1017	1.1	104.296	GKS07-3M □□□090C32	E84DVB□3024S□1N2G	538
1.4	5.8	-	24	694	988	1.3	103.039	GKS07-4M □□□090C32	E84DVB□3024S□1N2G	546
1.4	5.8	-	24	709	1010	2.7	103.524	GKS09-3M □□□090C32	E84DVB□3024S□1N2G	538
1.3	5.4	-	23	764	1087	2.5	111.484	GKS09-3M □□□090C32	E84DVB□3024S□1N2G	538
1.3	5.3	-	22	757	1078	1.0	112.391	GKS07-4M □□□090C32	E84DVB□3024S□1N2G	546
1.3	5.3	-	22	769	1096	1.2	112.338	GKS07-3M □□□090C32	E84DVB□3024S□1N2G	538
1.3	5.3	-	22	763	1086	2.8	113.320	GKS09-4M □□□090C32	E84DVB□3024S□1N2G	546
1.1	4.7	-	20	867	1235	1.0	126.578	GKS07-3M □□□090C32	E84DVB□3024S□1N2G	538
1.2	4.8	-	20	850	1210	1.1	126.222	GKS07-4M □□□090C32	E84DVB□3024S□1N2G	546
1.2	4.8	-	20	861	1225	2.5	125.641	GKS09-3M □□□090C32	E84DVB□3024S□1N2G	538
1.2	4.9	-	20	830	1182	2.6	123.275	GKS09-4M □□□090C32	E84DVB□3024S□1N2G	546
1.0	4.3	-	18	963	1371	1.0	140.548	GKS07-3M □□□090C32	E84DVB□3024S□1N2G	538
1.0	4.3	-	18	965	1374	1.9	140.921	GKS09-3M □□□090C32	E84DVB□3024S□1N2G	538
1.0	4.3	-	18	935	1332	2.3	138.929	GKS09-4M □□□090C32	E84DVB□3024S□1N2G	546
1.0	4.0	-	17	1017	1448	2.1	151.012	GKS09-4M □□□090C32	E84DVB□3024S□1N2G	546
0.9	3.9	-	16	1041	1482	0.9	154.622	GKS07-4M □□□090C32	E84DVB□3024S□1N2G	546
0.9	3.8	-	16	1088	1549	1.9	158.816	GKS09-3M □□□090C32	E84DVB□3024S□1N2G	538
0.9	3.5	-	15	1146	1632	1.9	170.188	GKS09-4M □□□090C32	E84DVB□3024S□1N2G	546
0.8	3.3	-	14	1246	1775	1.7	182.000	GKS09-3M □□□090C32	E84DVB□3024S□1N2G	538
0.7	2.9	-	12	1405	2001	1.5	205.111	GKS09-3M □□□090C32	E84DVB□3024S□1N2G	538
0.7	2.9	-	12	1377	1962	1.6	204.596	GKS09-4M □□□090C32	E84DVB□3024S□1N2G	546
0.6	2.6	-	11	1552	2211	1.4	230.577	GKS09-4M □□□090C32	E84DVB□3024S□1N2G	546
0.7	2.7	-	11	1513	2154	1.4	220.882	GKS09-3M □□□090C32	E84DVB□3024S□1N2G	538
0.6	2.4	-	10	1673	2382	1.3	248.439	GKS09-4M □□□090C32	E84DVB□3024S□1N2G	546
0.6	2.4	-	10	1705	2428	1.3	248.930	GKS09-3M □□□090C32	E84DVB□3024S□1N2G	538
0.5	2.1	-	9.0	1885	2684	1.1	279.986	GKS09-4M □□□090C32	E84DVB□3024S□1N2G	546
0.5	2.2	-	9.0	1912	2723	1.1	279.205	GKS09-3M □□□090C32	E84DVB□3024S□1N2G	538
0.5	1.9	-	8.0	2155	3069	1.0	314.659	GKS09-3M □□□090C32	E84DVB□3024S□1N2G	538
0.5	1.9	-	7.8	2177	3100	1.0	323.365	GKS09-4M □□□090C32	E84DVB□3024S□1N2G	546
0.5	1.9	-	7.8	2174	3096	1.9	322.931	GKS11-4M □□□090C32	E84DVB□3024S□1N2G	546
0.4	1.7	-	6.9	2453	3494	0.9	364.427	GKS09-4M □□□090C32	E84DVB□3024S□1N2G	546
0.4	1.7	-	6.9	2450	3489	1.7	363.866	GKS11-4M □□□090C32	E84DVB□3024S□1N2G	546
0.4	1.5	-	6.3	2665	3795	1.6	395.787	GKS11-4M □□□090C32	E84DVB□3024S□1N2G	546
0.3	1.4	-	5.6	3002	4276	1.4	445.958	GKS11-4M □□□090C32	E84DVB□3024S□1N2G	546
0.3	1.2	-	4.9	3448	4911	1.2	512.196	GKS11-4M □□□090C32	E84DVB□3024S□1N2G	546
0.3	1.0	-	4.3	3885	5533	1.1	577.122	GKS11-4M □□□090C32	E84DVB□3024S□1N2G	546
0.2	1.0	-	4.0	4185	5960	1.0	621.619	GKS11-4M □□□090C32	E84DVB□3024S□1N2G	546
0.2	0.9	-	3.6	4715	6715	0.9	700.416	GKS11-4M □□□090C32	E84DVB□3024S□1N2G	546
0.2	0.7	-	3.1	5425	7727	1.5	805.901	GKS14-4M □□□090C32	E84DVB□3024S□1N2G	546
0.2	0.7	-	2.8	6113	8706	1.3	908.058	GKS14-4M □□□090C32	E84DVB□3024S□1N2G	546
0.2	0.6	-	2.6	6585	9377	1.2	978.071	GKS14-4M □□□090C32	E84DVB□3024S□1N2G	546



87 Hz: P_N = 2.70 kW

n_{22} / n_2 = 1 ... 17.4

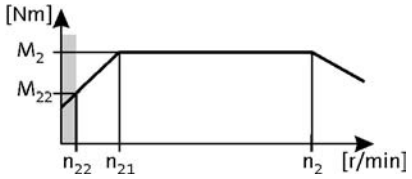
n_1 = 144.8 ... 2520 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
0.1	0.5	-	2.3	7419	10566	1.1	1102.052	GKS14-4M □□□090C32	E84DVB□3024S□1N2G	546
0.1	0.5	-	2.0	8323	11853	1.0	1236.326	GKS14-4M □□□090C32	E84DVB□3024S□1N2G	546
0.1	0.4	-	1.8	9378	13356	0.9	1393.043	GKS14-4M □□□090C32	E84DVB□3024S□1N2G	546

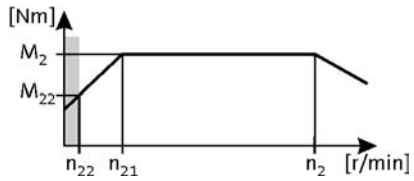
120 Hz: P_N = 0.55 kW

n_{22} / n_2 = 1 ... 24.0

n_1 = 143.3 ... 3440 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
16	67	-	383	9.9	13	4.5	8.991	GKS04-3M□□□063C32	E84DVB□5514S□1N2G	554
15	61	-	350	11	14	4.5	9.836	GKS04-3M□□□063C32	E84DVB□5514S□1N2G	554
11	46	-	261	15	19	3.9	13.176	GKS05-3M□□□063C32	E84DVB□5514S□1N2G	554
10	42	-	240	16	21	4.5	14.333	GKS04-3M□□□063C32	E84DVB□5514S□1N2G	554
7.0	29	-	167	23	30	4.5	20.588	GKS04-3M□□□063C32	E84DVB□5514S□1N2G	554
6.4	27	-	153	25	33	4.2	22.522	GKS04-3M□□□063C32	E84DVB□5514S□1N2G	554
5.7	24	-	137	28	36	3.5	25.088	GKS04-3M□□□063C32	E84DVB□5514S□1N2G	554
5.0	21	-	120	32	42	3.3	28.727	GKS04-3M□□□063C32	E84DVB□5514S□1N2G	554
4.5	19	-	108	35	46	2.7	32.000	GKS04-3M□□□063C32	E84DVB□5514S□1N2G	554
4.1	17	-	98	39	51	2.7	35.191	GKS04-3M□□□063C32	E84DVB□5514S□1N2G	554
3.7	15	-	88	43	57	2.2	39.200	GKS04-3M□□□063C32	E84DVB□5514S□1N2G	554
3.2	14	-	78	49	64	2.5	44.240	GKS04-3M□□□063C32	E84DVB□5514S□1N2G	554
2.8	12	-	68	56	74	2.1	50.943	GKS04-3M□□□063C32	E84DVB□5514S□1N2G	554
2.5	11	-	60	63	83	2.0	56.976	GKS04-3M□□□063C32	E84DVB□5514S□1N2G	554
2.2	9.2	-	53	71	94	1.7	64.978	GKS04-3M□□□063C32	E84DVB□5514S□1N2G	554
2.2	9.0	-	52	73	97	3.0	66.592	GKS05-3M□□□063C32	E84DVB□5514S□1N2G	554
2.0	8.3	-	48	79	105	1.6	72.210	GKS04-3M□□□063C32	E84DVB□5514S□1N2G	554
1.9	8.0	-	46	82	109	2.5	75.033	GKS05-3M□□□063C32	E84DVB□5514S□1N2G	554
1.8	7.5	-	43	87	115	1.4	79.598	GKS04-3M□□□063C32	E84DVB□5514S□1N2G	554
1.7	7.2	-	42	91	120	2.4	82.833	GKS05-3M□□□063C32	E84DVB□5514S□1N2G	554
1.6	6.6	-	38	99	131	1.2	90.491	GKS04-3M□□□063C32	E84DVB□5514S□1N2G	554
1.5	6.4	-	37	102	135	2.0	93.333	GKS05-3M□□□063C32	E84DVB□5514S□1N2G	554
1.5	6.3	-	36	103	136	1.1	95.238	GKS05-4M□□□063C32	E84DVB□5514S□1N2G	562
1.4	6.0	-	34	110	145	1.1	100.067	GKS04-3M□□□063C32	E84DVB□5514S□1N2G	554
1.3	5.6	-	32	118	156	1.8	107.196	GKS05-3M□□□063C32	E84DVB□5514S□1N2G	554
1.3	5.4	-	31	122	162	1.0	111.467	GKS04-3M□□□063C32	E84DVB□5514S□1N2G	554
1.3	5.2	-	30	124	164	1.5	114.987	GKS05-4M□□□063C32	E84DVB□5514S□1N2G	562
1.3	5.3	-	30	122	161	3.2	113.205	GKS06-4M□□□063C32	E84DVB□5514S□1N2G	562
1.2	5.0	-	29	133	175	1.7	120.784	GKS05-3M□□□063C32	E84DVB□5514S□1N2G	554
1.1	4.7	-	27	142	187	1.0	128.874	GKS04-3M□□□063C32	E84DVB□5514S□1N2G	554
1.1	4.7	-	27	137	181	1.5	126.933	GKS05-4M□□□063C32	E84DVB□5514S□1N2G	562
1.1	4.6	-	26	143	189	1.7	130.097	GKS05-3M□□□063C32	E84DVB□5514S□1N2G	554
1.0	4.1	-	24	158	209	1.2	146.667	GKS05-4M□□□063C32	E84DVB□5514S□1N2G	562
1.0	4.1	-	24	161	213	1.4	146.588	GKS05-3M□□□063C32	E84DVB□5514S□1N2G	554
1.0	4.3	-	24	152	201	2.6	140.816	GKS06-4M□□□063C32	E84DVB□5514S□1N2G	562
0.9	3.9	-	22	168	222	3.0	155.647	GKS06-4M□□□063C32	E84DVB□5514S□1N2G	562
0.9	3.7	-	21	175	231	1.2	161.905	GKS05-4M□□□063C32	E84DVB□5514S□1N2G	562
0.9	3.6	-	21	183	241	1.3	166.276	GKS05-3M□□□063C32	E84DVB□5514S□1N2G	554
0.8	3.4	-	20	188	249	2.1	174.336	GKS06-4M□□□063C32	E84DVB□5514S□1N2G	562
0.8	3.2	-	19	200	265	1.2	185.547	GKS05-4M□□□063C32	E84DVB□5514S□1N2G	562
0.8	3.2	-	18	206	272	1.1	187.353	GKS05-3M□□□063C32	E84DVB□5514S□1N2G	554



120 Hz: P_N = 0.55 kW

n_{22} / n_2 = 1 ... 24.0

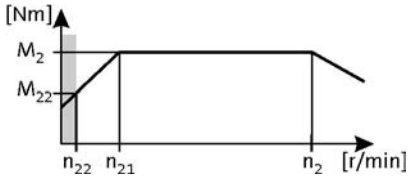
n_1 = 143.3 ... 3440 r/min

n_{22}	n_{21}		n_2	M_{22}	M_2	c	i			
[r/min]	[r/min]		[r/min]	[Nm]	[Nm]					
0.7	2.9	-	17	226	298	1.0	209.067	GKS05-4M□□□063C32	E84DVB□5514S□1N2G	562
0.7	3.0	-	17	219	289	2.3	202.588	GKS06-4M□□□063C32	E84DVB□5514S□1N2G	562
0.7	2.8	-	16	232	306	1.0	211.200	GKS05-3M□□□063C32	E84DVB□5514S□1N2G	554
0.6	2.5	-	15	255	337	0.9	236.667	GKS05-4M□□□063C32	E84DVB□5514S□1N2G	562
0.6	2.7	-	15	242	320	1.6	224.524	GKS06-4M□□□063C32	E84DVB□5514S□1N2G	562
0.6	2.7	-	15	241	318	3.2	222.909	GKS07-4M□□□063C32	E84DVB□5514S□1N2G	562
0.6	2.4	-	14	272	359	1.9	252.000	GKS06-4M□□□063C32	E84DVB□5514S□1N2G	562
0.5	2.2	-	13	295	390	2.6	273.199	GKS07-4M□□□063C32	E84DVB□5514S□1N2G	562
0.5	2.2	-	12	301	398	1.3	279.286	GKS06-4M□□□063C32	E84DVB□5514S□1N2G	562
0.5	1.9	-	11	342	452	1.5	316.800	GKS06-4M□□□063C32	E84DVB□5514S□1N2G	562
0.5	1.9	-	11	346	458	2.8	321.049	GKS07-4M□□□063C32	E84DVB□5514S□1N2G	562
0.4	1.7	-	9.6	387	512	2.0	358.829	GKS07-4M□□□063C32	E84DVB□5514S□1N2G	562
0.4	1.7	-	9.5	390	515	1.0	361.429	GKS06-4M□□□063C32	E84DVB□5514S□1N2G	562
0.4	1.5	-	8.6	431	569	2.2	399.353	GKS07-4M□□□063C32	E84DVB□5514S□1N2G	562
0.4	1.5	-	8.4	440	582	1.2	408.000	GKS06-4M□□□063C32	E84DVB□5514S□1N2G	562
0.3	1.3	-	7.4	501	662	1.5	464.367	GKS07-4M□□□063C32	E84DVB□5514S□1N2G	562
0.3	1.2	-	6.7	558	737	0.9	517.091	GKS06-4M□□□063C32	E84DVB□5514S□1N2G	562
0.3	1.2	-	6.7	558	737	1.7	516.810	GKS07-4M□□□063C32	E84DVB□5514S□1N2G	562
0.3	1.1	-	6.1	608	803	1.3	563.572	GKS07-4M□□□063C32	E84DVB□5514S□1N2G	562
0.2	0.9	-	5.4	687	908	1.4	636.581	GKS07-4M□□□063C32	E84DVB□5514S□1N2G	562
0.2	0.9	-	5.0	738	975	1.0	683.972	GKS07-4M□□□063C32	E84DVB□5514S□1N2G	562
0.2	0.7	-	4.2	889	1174	1.1	823.810	GKS07-4M□□□063C32	E84DVB□5514S□1N2G	562

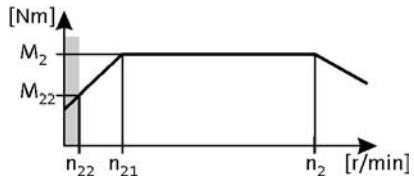
120 Hz: P_N = 0.75 kW

n_{22} / n_2 = 1 ... 24.0

n_1 = 141.7 ... 3400 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
16	67	-	378	14	18	3.3	8.991	GKS04-3M□□□063C42	E84DVB□7514S□1N2G	554
14	61	-	346	15	20	3.3	9.836	GKS04-3M□□□063C42	E84DVB□7514S□1N2G	554
11	46	-	258	20	26	2.9	13.176	GKS05-3M□□□063C42	E84DVB□7514S□1N2G	554
9.9	42	-	237	22	29	3.3	14.333	GKS04-3M□□□063C42	E84DVB□7514S□1N2G	554
6.9	29	-	165	31	41	3.3	20.588	GKS04-3M□□□063C42	E84DVB□7514S□1N2G	554
6.3	27	-	151	34	45	3.1	22.522	GKS04-3M□□□063C42	E84DVB□7514S□1N2G	554
5.7	24	-	136	38	50	2.5	25.088	GKS04-3M□□□063C42	E84DVB□7514S□1N2G	554
4.9	21	-	118	43	58	2.4	28.727	GKS04-3M□□□063C42	E84DVB□7514S□1N2G	554
4.4	19	-	106	48	64	2.0	32.000	GKS04-3M□□□063C42	E84DVB□7514S□1N2G	554
4.3	18	-	104	49	66	2.9	32.744	GKS05-3M□□□063C42	E84DVB□7514S□1N2G	554
4.0	17	-	97	53	70	2.0	35.191	GKS04-3M□□□063C42	E84DVB□7514S□1N2G	554
3.8	16	-	92	55	74	2.9	36.894	GKS05-3M□□□063C42	E84DVB□7514S□1N2G	554
3.6	15	-	87	59	78	1.6	39.200	GKS04-3M□□□063C42	E84DVB□7514S□1N2G	554
3.4	14	-	81	63	84	3.0	41.765	GKS05-3M□□□063C42	E84DVB□7514S□1N2G	554
3.2	14	-	77	66	89	1.8	44.240	GKS04-3M□□□063C42	E84DVB□7514S□1N2G	554
3.0	13	-	72	70	94	2.8	47.059	GKS05-3M□□□063C42	E84DVB□7514S□1N2G	554
2.8	12	-	67	76	102	1.5	50.943	GKS04-3M□□□063C42	E84DVB□7514S□1N2G	554
2.5	11	-	60	85	114	1.4	56.976	GKS04-3M□□□063C42	E84DVB□7514S□1N2G	554
2.2	9.2	-	52	97	130	1.2	64.978	GKS04-3M□□□063C42	E84DVB□7514S□1N2G	554
2.1	9.0	-	51	100	133	2.1	66.592	GKS05-3M□□□063C42	E84DVB□7514S□1N2G	554
2.0	8.3	-	47	108	145	1.1	72.210	GKS04-3M□□□063C42	E84DVB□7514S□1N2G	554
1.9	8.0	-	45	112	150	1.8	75.033	GKS05-3M□□□063C42	E84DVB□7514S□1N2G	554
1.8	7.5	-	43	119	159	1.0	79.598	GKS04-3M□□□063C42	E84DVB□7514S□1N2G	554
1.7	7.2	-	41	124	166	1.7	82.833	GKS05-3M□□□063C42	E84DVB□7514S□1N2G	554
1.5	6.4	-	37	140	186	2.6	93.176	GKS06-3M□□□063C42	E84DVB□7514S□1N2G	554
1.5	6.4	-	36	140	187	1.5	93.333	GKS05-3M□□□063C42	E84DVB□7514S□1N2G	554
1.4	5.8	-	33	153	204	2.9	103.721	GKS06-4M□□□063C42	E84DVB□7514S□1N2G	562
1.3	5.6	-	32	160	215	1.3	107.196	GKS05-3M□□□063C42	E84DVB□7514S□1N2G	554
1.4	5.7	-	32	157	210	2.6	104.967	GKS06-3M□□□063C42	E84DVB□7514S□1N2G	554
1.2	5.2	-	30	169	226	1.1	114.987	GKS05-4M□□□063C42	E84DVB□7514S□1N2G	562
1.3	5.3	-	30	167	223	2.3	113.205	GKS06-4M□□□063C42	E84DVB□7514S□1N2G	562
1.3	5.3	-	30	169	226	2.5	113.082	GKS06-3M□□□063C42	E84DVB□7514S□1N2G	554
1.2	5.0	-	28	181	242	1.3	120.784	GKS05-3M□□□063C42	E84DVB□7514S□1N2G	554
1.1	4.7	-	27	187	250	1.1	126.933	GKS05-4M□□□063C42	E84DVB□7514S□1N2G	562
1.1	4.7	-	27	191	255	2.4	127.392	GKS06-3M□□□063C42	E84DVB□7514S□1N2G	554
1.1	4.7	-	27	187	250	2.6	127.059	GKS06-4M□□□063C42	E84DVB□7514S□1N2G	562
1.1	4.6	-	26	195	260	1.2	130.097	GKS05-3M□□□063C42	E84DVB□7514S□1N2G	554
1.0	4.3	-	24	207	277	1.9	140.816	GKS06-4M□□□063C42	E84DVB□7514S□1N2G	562
1.0	4.2	-	24	214	286	2.0	142.941	GKS06-3M□□□063C42	E84DVB□7514S□1N2G	554
1.0	4.1	-	23	219	293	1.0	146.588	GKS05-3M□□□063C42	E84DVB□7514S□1N2G	554
0.9	3.9	-	22	229	306	2.2	155.647	GKS06-4M□□□063C42	E84DVB□7514S□1N2G	562



120 Hz: P_N = 0.75 kW

n_{22} / n_2 = 1 ... 24.0

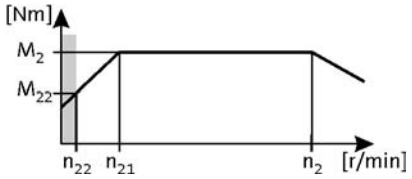
n_1 = 141.7 ... 3400 r/min

n_{22}	n_{21}		n_2	M_{22}	M_2	c	i			
[r/min]	[r/min]		[r/min]	[Nm]	[Nm]					
0.9	3.7	-	21	241	322	1.9	161.029	GKS06-3M□□□063C42	E84DVB□7514S□1N2G	554
0.9	3.6	-	20	249	333	1.0	166.276	GKS05-3M□□□063C42	E84DVB□7514S□1N2G	554
0.8	3.4	-	20	257	343	1.5	174.336	GKS06-4M□□□063C42	E84DVB□7514S□1N2G	562
0.8	3.4	-	19	264	353	2.9	179.201	GKS07-4M□□□063C42	E84DVB□7514S□1N2G	562
0.8	3.2	-	18	285	380	1.8	190.080	GKS06-3M□□□063C42	E84DVB□7514S□1N2G	554
0.7	3.0	-	17	298	399	1.7	202.588	GKS06-4M□□□063C42	E84DVB□7514S□1N2G	562
0.7	2.8	-	16	321	428	1.4	214.133	GKS06-3M□□□063C42	E84DVB□7514S□1N2G	554
0.6	2.7	-	15	330	442	1.2	224.524	GKS06-4M□□□063C42	E84DVB□7514S□1N2G	562
0.6	2.6	-	15	345	462	1.5	230.688	GKS06-3M□□□063C42	E84DVB□7514S□1N2G	554
0.6	2.7	-	15	328	438	2.3	222.909	GKS07-4M□□□063C42	E84DVB□7514S□1N2G	562
0.6	2.4	-	14	371	496	1.4	252.000	GKS06-4M□□□063C42	E84DVB□7514S□1N2G	562
0.6	2.3	-	13	389	520	1.2	259.880	GKS06-3M□□□063C42	E84DVB□7514S□1N2G	554
0.5	2.2	-	12	411	549	0.9	279.286	GKS06-4M□□□063C42	E84DVB□7514S□1N2G	562
0.5	2.1	-	12	437	583	1.2	291.600	GKS06-3M□□□063C42	E84DVB□7514S□1N2G	554
0.5	2.2	-	12	402	537	1.9	273.199	GKS07-4M□□□063C42	E84DVB□7514S□1N2G	562
0.5	1.9	-	11	466	623	1.1	316.800	GKS06-4M□□□063C42	E84DVB□7514S□1N2G	562
0.4	1.9	-	11	472	631	2.0	321.049	GKS07-4M□□□063C42	E84DVB□7514S□1N2G	562
0.4	1.8	-	10	492	657	0.9	328.500	GKS06-3M□□□063C42	E84DVB□7514S□1N2G	554
0.4	1.7	-	9.5	528	706	1.4	358.829	GKS07-4M□□□063C42	E84DVB□7514S□1N2G	562
0.4	1.5	-	8.5	588	786	1.6	399.353	GKS07-4M□□□063C42	E84DVB□7514S□1N2G	562
0.3	1.3	-	7.3	683	913	1.1	464.367	GKS07-4M□□□063C42	E84DVB□7514S□1N2G	562
0.3	1.2	-	6.6	760	1017	1.2	516.810	GKS07-4M□□□063C42	E84DVB□7514S□1N2G	562
0.3	1.1	-	6.0	829	1109	0.9	563.572	GKS07-4M□□□063C42	E84DVB□7514S□1N2G	562
0.2	0.9	-	5.3	937	1252	1.0	636.581	GKS07-4M□□□063C42	E84DVB□7514S□1N2G	562
0.2	0.7	-	4.2	1203	1608	1.8	817.551	GKS09-4M□□□063C42	E84DVB□7514S□1N2G	562
0.2	0.7	-	3.7	1356	1812	1.6	921.367	GKS09-4M□□□063C42	E84DVB□7514S□1N2G	562
0.1	0.6	-	3.4	1460	1952	1.5	992.209	GKS09-4M□□□063C42	E84DVB□7514S□1N2G	562
0.1	0.5	-	3.0	1645	2199	1.3	1118.204	GKS09-4M□□□063C42	E84DVB□7514S□1N2G	562
0.1	0.5	-	2.7	1845	2467	1.2	1254.197	GKS09-4M□□□063C42	E84DVB□7514S□1N2G	562
0.1	0.4	-	2.4	2080	2780	1.1	1413.461	GKS09-4M□□□063C42	E84DVB□7514S□1N2G	562

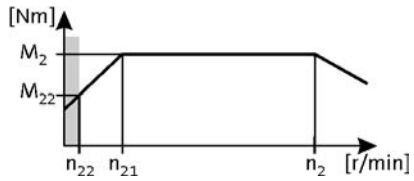
120 Hz: P_N = 1.10 kW

n_{22} / n_2 = 1 ... 24.0

n_1 = 145.4 ... 3490 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
16	67	-	388	20	26	3.0	8.991	GKS04-3M□□□071C32	E84DVB□1124S□1N2G	554
15	61	-	355	22	28	2.9	9.836	GKS04-3M□□□071C32	E84DVB□1124S□1N2G	554
11	46	-	265	29	38	3.3	13.176	GKS05-3M□□□071C32	E84DVB□1124S□1N2G	554
10	42	-	244	32	41	3.0	14.333	GKS04-3M□□□071C32	E84DVB□1124S□1N2G	554
7.1	29	-	170	45	59	2.3	20.588	GKS04-3M□□□071C32	E84DVB□1124S□1N2G	554
6.5	27	-	155	49	64	2.1	22.522	GKS04-3M□□□071C32	E84DVB□1124S□1N2G	554
5.8	24	-	139	55	72	1.8	25.088	GKS04-3M□□□071C32	E84DVB□1124S□1N2G	554
5.1	21	-	122	63	82	1.7	28.727	GKS04-3M□□□071C32	E84DVB□1124S□1N2G	554
4.9	20	-	117	66	86	2.9	29.931	GKS05-3M□□□071C32	E84DVB□1124S□1N2G	554
4.5	19	-	109	70	92	1.4	32.000	GKS04-3M□□□071C32	E84DVB□1124S□1N2G	554
4.4	18	-	107	72	94	2.7	32.744	GKS05-3M□□□071C32	E84DVB□1124S□1N2G	554
4.1	17	-	99	77	101	1.4	35.191	GKS04-3M□□□071C32	E84DVB□1124S□1N2G	554
3.9	16	-	95	81	106	2.2	36.894	GKS05-3M□□□071C32	E84DVB□1124S□1N2G	554
3.7	15	-	89	86	112	1.1	39.200	GKS04-3M□□□071C32	E84DVB□1124S□1N2G	554
3.5	14	-	84	92	119	2.1	41.765	GKS05-3M□□□071C32	E84DVB□1124S□1N2G	554
3.3	14	-	79	97	127	1.3	44.240	GKS04-3M□□□071C32	E84DVB□1124S□1N2G	554
3.1	13	-	74	103	135	1.9	47.059	GKS05-3M□□□071C32	E84DVB□1124S□1N2G	554
2.9	12	-	69	112	146	1.1	50.943	GKS04-3M□□□071C32	E84DVB□1124S□1N2G	554
2.8	12	-	68	112	146	1.9	51.162	GKS05-3M□□□071C32	E84DVB□1124S□1N2G	554
2.6	11	-	61	125	163	1.0	56.976	GKS04-3M□□□071C32	E84DVB□1124S□1N2G	554
2.5	10	-	61	127	165	1.6	57.647	GKS05-3M□□□071C32	E84DVB□1124S□1N2G	554
2.2	9.2	-	54	143	186	2.9	65.207	GKS06-3M□□□071C32	E84DVB□1124S□1N2G	554
2.2	9.0	-	52	146	190	1.5	66.592	GKS05-3M□□□071C32	E84DVB□1124S□1N2G	554
2.0	8.3	-	49	158	206	2.9	72.000	GKS06-3M□□□071C32	E84DVB□1124S□1N2G	554
1.9	8.0	-	47	165	215	1.2	75.033	GKS05-3M□□□071C32	E84DVB□1124S□1N2G	554
1.8	7.4	-	43	178	232	2.3	81.111	GKS06-3M□□□071C32	E84DVB□1124S□1N2G	554
1.8	7.2	-	42	182	237	1.2	82.833	GKS05-3M□□□071C32	E84DVB□1124S□1N2G	554
1.6	6.4	-	38	205	266	2.3	93.176	GKS06-3M□□□071C32	E84DVB□1124S□1N2G	554
1.6	6.4	-	37	205	267	1.0	93.333	GKS05-3M□□□071C32	E84DVB□1124S□1N2G	554
1.4	5.8	-	34	224	292	2.0	103.721	GKS06-4M□□□071C32	E84DVB□1124S□1N2G	562
1.4	5.6	-	33	235	307	0.9	107.196	GKS05-3M□□□071C32	E84DVB□1124S□1N2G	554
1.4	5.7	-	33	230	300	1.8	104.967	GKS06-3M□□□071C32	E84DVB□1124S□1N2G	554
1.3	5.3	-	31	244	318	1.6	113.205	GKS06-4M□□□071C32	E84DVB□1124S□1N2G	562
1.3	5.3	-	31	248	323	2.1	113.082	GKS06-3M□□□071C32	E84DVB□1124S□1N2G	554
1.3	5.3	-	31	243	316	3.2	112.391	GKS07-4M□□□071C32	E84DVB□1124S□1N2G	562
1.1	4.7	-	28	274	357	1.8	127.059	GKS06-4M□□□071C32	E84DVB□1124S□1N2G	562
1.1	4.7	-	27	280	364	1.7	127.392	GKS06-3M□□□071C32	E84DVB□1124S□1N2G	554
1.0	4.3	-	25	304	396	1.3	140.816	GKS06-4M□□□071C32	E84DVB□1124S□1N2G	562
1.1	4.4	-	25	297	387	2.6	137.748	GKS07-4M□□□071C32	E84DVB□1124S□1N2G	562
1.0	4.2	-	24	314	409	1.6	142.941	GKS06-3M□□□071C32	E84DVB□1124S□1N2G	554
0.9	3.9	-	23	334	435	2.8	154.622	GKS07-4M□□□071C32	E84DVB□1124S□1N2G	562



120 Hz: P_N = 1.10 kW

n_{22} / n_2 = 1 ... 24.0

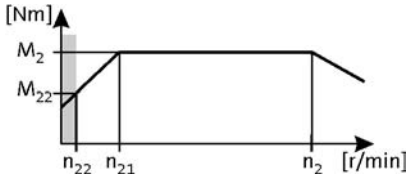
n_1 = 145.4 ... 3490 r/min

n_{22}	n_{21}		n_2	M_{22}	M_2	c	i			
[r/min]	[r/min]		[r/min]	[Nm]	[Nm]					
0.9	3.7	-	22	354	460	1.3	161.029	GKS06-3M□□□071C32	E84DVB□1124S□1N2G	554
0.9	3.9	-	22	336	437	1.5	155.647	GKS06-4M□□□071C32	E84DVB□1124S□1N2G	562
0.8	3.4	-	20	376	490	1.0	174.336	GKS06-4M□□□071C32	E84DVB□1124S□1N2G	562
0.8	3.4	-	20	387	504	2.0	179.201	GKS07-4M□□□071C32	E84DVB□1124S□1N2G	562
0.8	3.2	-	18	417	543	1.2	190.080	GKS06-3M□□□071C32	E84DVB□1124S□1N2G	554
0.7	3.0	-	17	437	569	1.2	202.588	GKS06-4M□□□071C32	E84DVB□1124S□1N2G	562
0.7	3.0	-	17	434	566	2.2	201.254	GKS07-4M□□□071C32	E84DVB□1124S□1N2G	562
0.7	2.8	-	16	470	612	1.0	214.133	GKS06-3M□□□071C32	E84DVB□1124S□1N2G	554
0.7	2.7	-	16	481	626	1.6	222.909	GKS07-4M□□□071C32	E84DVB□1124S□1N2G	562
0.6	2.6	-	15	506	660	1.0	230.688	GKS06-3M□□□071C32	E84DVB□1124S□1N2G	554
0.6	2.4	-	14	544	708	0.9	252.000	GKS06-4M□□□071C32	E84DVB□1124S□1N2G	562
0.6	2.4	-	14	532	693	1.8	246.659	GKS07-4M□□□071C32	E84DVB□1124S□1N2G	562
0.5	2.2	-	13	590	768	1.3	273.199	GKS07-4M□□□071C32	E84DVB□1124S□1N2G	562
0.5	1.9	-	11	693	902	1.4	321.049	GKS07-4M□□□071C32	E84DVB□1124S□1N2G	562
0.5	1.9	-	11	698	909	3.2	323.365	GKS09-4M□□□071C32	E84DVB□1124S□1N2G	562
0.4	1.7	-	9.7	774	1008	1.0	358.829	GKS07-4M□□□071C32	E84DVB□1124S□1N2G	562
0.4	1.7	-	9.6	786	1024	2.9	364.427	GKS09-4M□□□071C32	E84DVB□1124S□1N2G	562
0.4	1.5	-	8.7	862	1122	1.1	399.353	GKS07-4M□□□071C32	E84DVB□1124S□1N2G	562
0.4	1.5	-	8.7	868	1130	2.5	402.234	GKS09-4M□□□071C32	E84DVB□1124S□1N2G	562
0.3	1.3	-	7.7	978	1274	2.3	453.311	GKS09-4M□□□071C32	E84DVB□1124S□1N2G	562
0.3	1.2	-	6.7	1123	1463	2.0	520.538	GKS09-4M□□□071C32	E84DVB□1124S□1N2G	562
0.3	1.0	-	6.0	1266	1649	1.8	586.638	GKS09-4M□□□071C32	E84DVB□1124S□1N2G	562
0.2	1.0	-	5.5	1363	1775	1.6	631.744	GKS09-4M□□□071C32	E84DVB□1124S□1N2G	562
0.2	0.8	-	4.9	1536	2001	1.5	711.965	GKS09-4M□□□071C32	E84DVB□1124S□1N2G	562
0.2	0.7	-	4.3	1764	2298	1.3	817.551	GKS09-4M□□□071C32	E84DVB□1124S□1N2G	562
0.2	0.7	-	3.8	1988	2589	1.1	921.367	GKS09-4M□□□071C32	E84DVB□1124S□1N2G	562
0.2	0.6	-	3.5	2141	2788	1.0	992.209	GKS09-4M□□□071C32	E84DVB□1124S□1N2G	562
0.1	0.5	-	3.1	2413	3143	0.9	1118.204	GKS09-4M□□□071C32	E84DVB□1124S□1N2G	562

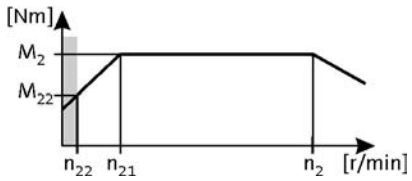
120 Hz: P_N = 1.50 kW

n_{22} / n_2 = 1 ... 24.0

n_1 = 143.8 ... 3450 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
16	67	-	384	27	36	2.2	8.991	GKS04-3M□□□071C42	E84DVB□1524S□1N2G	554
15	61	-	351	29	39	2.1	9.836	GKS04-3M□□□071C42	E84DVB□1524S□1N2G	554
11	46	-	262	39	52	2.4	13.176	GKS05-3M□□□071C42	E84DVB□1524S□1N2G	554
10	42	-	241	43	57	2.2	14.333	GKS04-3M□□□071C42	E84DVB□1524S□1N2G	554
7.0	29	-	168	62	81	1.7	20.588	GKS04-3M□□□071C42	E84DVB□1524S□1N2G	554
6.4	27	-	153	67	89	1.6	22.522	GKS04-3M□□□071C42	E84DVB□1524S□1N2G	554
5.7	24	-	138	75	99	1.3	25.088	GKS04-3M□□□071C42	E84DVB□1524S□1N2G	554
5.0	21	-	120	86	113	1.2	28.727	GKS04-3M□□□071C42	E84DVB□1524S□1N2G	554
4.8	20	-	115	90	118	2.1	29.931	GKS05-3M□□□071C42	E84DVB□1524S□1N2G	554
4.5	19	-	108	96	126	1.0	32.000	GKS04-3M□□□071C42	E84DVB□1524S□1N2G	554
4.4	18	-	105	98	129	1.9	32.744	GKS05-3M□□□071C42	E84DVB□1524S□1N2G	554
4.1	17	-	98	105	139	1.0	35.191	GKS04-3M□□□071C42	E84DVB□1524S□1N2G	554
4.0	17	-	95	109	143	3.1	36.303	GKS06-3M□□□071C42	E84DVB□1524S□1N2G	554
3.9	16	-	94	110	146	1.6	36.894	GKS05-3M□□□071C42	E84DVB□1524S□1N2G	554
3.4	14	-	83	125	165	1.5	41.765	GKS05-3M□□□071C42	E84DVB□1524S□1N2G	554
3.3	14	-	78	132	175	0.9	44.240	GKS04-3M□□□071C42	E84DVB□1524S□1N2G	554
3.1	13	-	73	141	186	1.4	47.059	GKS05-3M□□□071C42	E84DVB□1524S□1N2G	554
2.8	12	-	67	153	202	1.4	51.162	GKS05-3M□□□071C42	E84DVB□1524S□1N2G	554
2.5	10	-	60	173	227	1.2	57.647	GKS05-3M□□□071C42	E84DVB□1524S□1N2G	554
2.5	10	-	60	173	228	2.6	57.882	GKS06-3M□□□071C42	E84DVB□1524S□1N2G	554
2.2	9.2	-	53	195	257	2.1	65.207	GKS06-3M□□□071C42	E84DVB□1524S□1N2G	554
2.2	9.0	-	52	199	263	1.1	66.592	GKS05-3M□□□071C42	E84DVB□1524S□1N2G	554
2.0	8.3	-	48	216	284	2.1	72.000	GKS06-3M□□□071C42	E84DVB□1524S□1N2G	554
1.9	8.0	-	46	225	296	0.9	75.033	GKS05-3M□□□071C42	E84DVB□1524S□1N2G	554
1.8	7.4	-	43	243	320	1.7	81.111	GKS06-3M□□□071C42	E84DVB□1524S□1N2G	554
1.5	6.4	-	37	279	368	1.6	93.176	GKS06-3M□□□071C42	E84DVB□1524S□1N2G	554
1.4	5.8	-	34	303	399	2.8	103.039	GKS07-4M□□□071C42	E84DVB□1524S□1N2G	562
1.4	5.7	-	33	314	414	1.3	104.967	GKS06-3M□□□071C42	E84DVB□1524S□1N2G	554
1.4	5.8	-	33	305	402	1.5	103.721	GKS06-4M□□□071C42	E84DVB□1524S□1N2G	562
1.3	5.3	-	31	333	439	1.2	113.205	GKS06-4M□□□071C42	E84DVB□1524S□1N2G	562
1.3	5.3	-	31	339	446	1.5	113.082	GKS06-3M□□□071C42	E84DVB□1524S□1N2G	554
1.3	5.3	-	31	331	436	2.3	112.391	GKS07-4M□□□071C42	E84DVB□1524S□1N2G	562
1.1	4.7	-	27	381	502	1.2	127.392	GKS06-3M□□□071C42	E84DVB□1524S□1N2G	554
1.1	4.7	-	27	374	493	1.3	127.059	GKS06-4M□□□071C42	E84DVB□1524S□1N2G	562
1.1	4.8	-	27	371	489	2.5	126.222	GKS07-4M□□□071C42	E84DVB□1524S□1N2G	562
1.0	4.3	-	25	414	546	0.9	140.816	GKS06-4M□□□071C42	E84DVB□1524S□1N2G	562
1.0	4.4	-	25	405	534	1.9	137.748	GKS07-4M□□□071C42	E84DVB□1524S□1N2G	562
1.0	4.2	-	24	428	564	1.2	142.941	GKS06-3M□□□071C42	E84DVB□1524S□1N2G	554
0.9	3.9	-	22	458	603	1.1	155.647	GKS06-4M□□□071C42	E84DVB□1524S□1N2G	562
0.9	3.9	-	22	455	599	2.1	154.622	GKS07-4M□□□071C42	E84DVB□1524S□1N2G	562
0.9	3.7	-	21	482	635	1.0	161.029	GKS06-3M□□□071C42	E84DVB□1524S□1N2G	554



120 Hz: P_N = 1.50 kW

n_{22} / n_2 = 1 ... 24.0

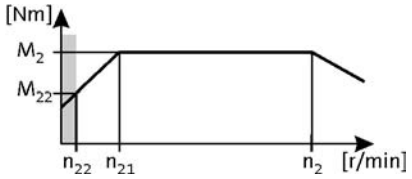
n_1 = 143.8 ... 3450 r/min

n_{22}	n_{21}		n_2	M_{22}	M_2	c	i			
[r/min]	[r/min]		[r/min]	[Nm]	[Nm]					
0.8	3.4	-	19	527	695	1.4	179.201	GKS07-4M□□□071C42	E84DVB□1524S□1N2G	562
0.7	3.0	-	17	592	780	1.6	201.254	GKS07-4M□□□071C42	E84DVB□1524S□1N2G	562
0.6	2.7	-	16	656	864	1.2	222.909	GKS07-4M□□□071C42	E84DVB□1524S□1N2G	562
0.6	2.4	-	14	726	956	1.3	246.659	GKS07-4M□□□071C42	E84DVB□1524S□1N2G	562
0.5	2.2	-	13	804	1059	0.9	273.199	GKS07-4M□□□071C42	E84DVB□1524S□1N2G	562
0.5	1.9	-	11	945	1245	1.0	321.049	GKS07-4M□□□071C42	E84DVB□1524S□1N2G	562
0.4	1.9	-	11	952	1254	2.3	323.365	GKS09-4M□□□071C42	E84DVB□1524S□1N2G	562
0.4	1.7	-	9.5	1072	1413	2.1	364.427	GKS09-4M□□□071C42	E84DVB□1524S□1N2G	562
0.4	1.5	-	8.6	1184	1559	1.9	402.234	GKS09-4M□□□071C42	E84DVB□1524S□1N2G	562
0.3	1.3	-	7.6	1334	1757	1.7	453.311	GKS09-4M□□□071C42	E84DVB□1524S□1N2G	562
0.3	1.2	-	6.6	1532	2018	1.4	520.538	GKS09-4M□□□071C42	E84DVB□1524S□1N2G	562
0.3	1.0	-	5.9	1726	2274	1.3	586.638	GKS09-4M□□□071C42	E84DVB□1524S□1N2G	562
0.2	1.0	-	5.5	1859	2449	1.2	631.744	GKS09-4M□□□071C42	E84DVB□1524S□1N2G	562
0.2	0.8	-	4.9	2095	2760	1.1	711.965	GKS09-4M□□□071C42	E84DVB□1524S□1N2G	562
0.2	0.7	-	4.2	2406	3169	0.9	817.551	GKS09-4M□□□071C42	E84DVB□1524S□1N2G	562

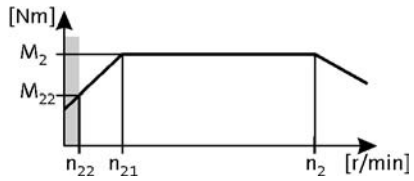
120 Hz: P_N = 2.20 kW

n_{22} / n_2 = 1 ... 24.0

n_1 = 145.8 ... 3500 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
16	67	-	389	38	51	1.5	8.991	GKS04-3M□□□080C32	E84DVB□2224S□1N2G	554
15	61	-	356	42	56	1.4	9.836	GKS04-3M□□□080C32	E84DVB□2224S□1N2G	554
13	53	-	308	49	65	3.8	11.382	GKS06-3M□□□080C32	E84DVB□2224S□1N2G	554
11	46	-	266	56	75	1.7	13.176	GKS05-3M□□□080C32	E84DVB□2224S□1N2G	554
10	42	-	244	61	82	1.5	14.333	GKS04-3M□□□080C32	E84DVB□2224S□1N2G	554
8.2	34	-	197	76	102	3.8	17.809	GKS06-3M□□□080C32	E84DVB□2224S□1N2G	554
7.1	29	-	170	88	117	1.2	20.588	GKS04-3M□□□080C32	E84DVB□2224S□1N2G	554
6.5	27	-	155	96	128	1.1	22.522	GKS04-3M□□□080C32	E84DVB□2224S□1N2G	554
5.6	23	-	135	111	148	3.5	26.017	GKS06-3M□□□080C32	E84DVB□2224S□1N2G	554
5.1	21	-	123	122	162	3.2	28.461	GKS06-3M□□□080C32	E84DVB□2224S□1N2G	554
4.9	20	-	117	128	171	1.5	29.931	GKS05-3M□□□080C32	E84DVB□2224S□1N2G	554
4.6	19	-	109	137	183	2.5	32.063	GKS06-3M□□□080C32	E84DVB□2224S□1N2G	554
4.5	18	-	107	140	187	1.3	32.744	GKS05-3M□□□080C32	E84DVB□2224S□1N2G	554
4.0	17	-	96	155	207	2.5	36.303	GKS06-3M□□□080C32	E84DVB□2224S□1N2G	554
4.0	16	-	95	158	210	1.1	36.894	GKS05-3M□□□080C32	E84DVB□2224S□1N2G	554
3.5	14	-	84	179	238	1.0	41.765	GKS05-3M□□□080C32	E84DVB□2224S□1N2G	554
3.3	14	-	79	190	254	2.3	44.471	GKS06-3M□□□080C32	E84DVB□2224S□1N2G	554
3.1	13	-	74	201	268	1.0	47.059	GKS05-3M□□□080C32	E84DVB□2224S□1N2G	554
2.9	12	-	68	219	292	1.0	51.162	GKS05-3M□□□080C32	E84DVB□2224S□1N2G	554
2.8	11	-	66	227	303	2.0	53.074	GKS06-3M□□□080C32	E84DVB□2224S□1N2G	554
2.5	10	-	61	247	330	1.8	57.882	GKS06-3M□□□080C32	E84DVB□2224S□1N2G	554
2.2	9.2	-	54	279	372	1.4	65.207	GKS06-3M□□□080C32	E84DVB□2224S□1N2G	554
2.3	9.3	-	54	277	369	2.8	64.790	GKS07-3M□□□080C32	E84DVB□2224S□1N2G	554
2.1	8.5	-	50	301	402	2.8	70.474	GKS07-3M□□□080C32	E84DVB□2224S□1N2G	554
2.0	8.3	-	49	308	411	1.5	72.000	GKS06-3M□□□080C32	E84DVB□2224S□1N2G	554
1.8	7.6	-	44	339	453	2.3	79.407	GKS07-3M□□□080C32	E84DVB□2224S□1N2G	554
1.8	7.4	-	43	347	463	1.2	81.111	GKS06-3M□□□080C32	E84DVB□2224S□1N2G	554
1.6	6.4	-	38	398	531	1.1	93.176	GKS06-3M□□□080C32	E84DVB□2224S□1N2G	554
1.6	6.5	-	38	396	528	2.2	92.563	GKS07-3M□□□080C32	E84DVB□2224S□1N2G	554
1.4	5.8	-	34	436	581	1.0	103.721	GKS06-4M□□□080C32	E84DVB□2224S□1N2G	562
1.4	5.8	-	34	446	595	1.8	104.296	GKS07-3M□□□080C32	E84DVB□2224S□1N2G	554
1.4	5.8	-	34	433	578	1.9	103.039	GKS07-4M□□□080C32	E84DVB□2224S□1N2G	562
1.4	5.7	-	33	449	599	0.9	104.967	GKS06-3M□□□080C32	E84DVB□2224S□1N2G	554
1.3	5.3	-	31	483	645	1.0	113.082	GKS06-3M□□□080C32	E84DVB□2224S□1N2G	554
1.3	5.3	-	31	472	630	1.6	112.391	GKS07-4M□□□080C32	E84DVB□2224S□1N2G	562
1.3	5.3	-	31	480	641	2.0	112.338	GKS07-3M□□□080C32	E84DVB□2224S□1N2G	554
1.2	4.7	-	28	534	712	0.9	127.059	GKS06-4M□□□080C32	E84DVB□2224S□1N2G	562
1.2	4.7	-	28	541	722	1.6	126.578	GKS07-3M□□□080C32	E84DVB□2224S□1N2G	554
1.2	4.8	-	28	530	708	1.7	126.222	GKS07-4M□□□080C32	E84DVB□2224S□1N2G	562
1.1	4.4	-	25	579	772	1.3	137.748	GKS07-4M□□□080C32	E84DVB□2224S□1N2G	562
1.0	4.3	-	25	601	801	1.6	140.548	GKS07-3M□□□080C32	E84DVB□2224S□1N2G	554



120 Hz: P_N = 2.20 kW

n_{22} / n_2 = 1 ... 24.0

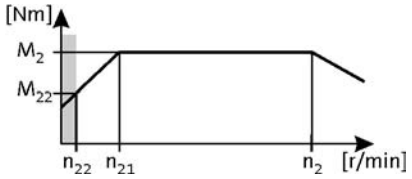
n_1 = 145.8 ... 3500 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
0.9	3.9	-	23	650	867	1.4	154.622	GKS07-4M□□□080C32	E84DVB□2224S□1N2G	562
0.9	3.8	-	22	677	903	1.3	158.364	GKS07-3M□□□080C32	E84DVB□2224S□1N2G	554
0.9	3.5	-	21	715	954	3.0	170.188	GKS09-4M□□□080C32	E84DVB□2224S□1N2G	562
0.8	3.4	-	20	753	1004	1.0	179.201	GKS07-4M□□□080C32	E84DVB□2224S□1N2G	562
0.8	3.3	-	19	789	1053	1.2	184.600	GKS07-3M□□□080C32	E84DVB□2224S□1N2G	554
0.7	2.9	-	17	889	1186	1.0	208.000	GKS07-3M□□□080C32	E84DVB□2224S□1N2G	554
0.7	3.0	-	17	846	1128	1.1	201.254	GKS07-4M□□□080C32	E84DVB□2224S□1N2G	562
0.7	2.9	-	17	860	1147	2.5	204.596	GKS09-4M□□□080C32	E84DVB□2224S□1N2G	562
0.7	2.7	-	16	958	1277	1.0	224.037	GKS07-3M□□□080C32	E84DVB□2224S□1N2G	554
0.6	2.6	-	15	969	1292	2.2	230.577	GKS09-4M□□□080C32	E84DVB□2224S□1N2G	562
0.6	2.4	-	14	1036	1383	0.9	246.659	GKS07-4M□□□080C32	E84DVB□2224S□1N2G	562
0.6	2.4	-	14	1044	1393	2.1	248.439	GKS09-4M□□□080C32	E84DVB□2224S□1N2G	562
0.5	2.1	-	13	1176	1569	1.9	279.986	GKS09-4M□□□080C32	E84DVB□2224S□1N2G	562
0.5	1.9	-	11	1359	1812	1.6	323.365	GKS09-4M□□□080C32	E84DVB□2224S□1N2G	562
0.5	1.9	-	11	1357	1810	3.1	322.931	GKS11-4M□□□080C32	E84DVB□2224S□1N2G	562
0.4	1.7	-	9.6	1531	2043	1.4	364.427	GKS09-4M□□□080C32	E84DVB□2224S□1N2G	562
0.4	1.7	-	9.6	1529	2040	2.8	363.866	GKS11-4M□□□080C32	E84DVB□2224S□1N2G	562
0.4	1.5	-	8.8	1663	2218	2.6	395.787	GKS11-4M□□□080C32	E84DVB□2224S□1N2G	562
0.4	1.5	-	8.7	1690	2255	1.3	402.234	GKS09-4M□□□080C32	E84DVB□2224S□1N2G	562
0.3	1.4	-	7.9	1874	2500	2.3	445.958	GKS11-4M□□□080C32	E84DVB□2224S□1N2G	562
0.3	1.3	-	7.7	1905	2541	1.1	453.311	GKS09-4M□□□080C32	E84DVB□2224S□1N2G	562
0.3	1.2	-	6.8	2152	2871	2.0	512.196	GKS11-4M□□□080C32	E84DVB□2224S□1N2G	562
0.3	1.2	-	6.7	2187	2918	1.0	520.538	GKS09-4M□□□080C32	E84DVB□2224S□1N2G	562
0.3	1.0	-	6.1	2425	3235	1.8	577.122	GKS11-4M□□□080C32	E84DVB□2224S□1N2G	562
0.2	1.0	-	5.6	2612	3484	1.6	621.619	GKS11-4M□□□080C32	E84DVB□2224S□1N2G	562
0.2	0.9	-	5.0	2943	3926	1.5	700.416	GKS11-4M□□□080C32	E84DVB□2224S□1N2G	562
0.2	0.7	-	4.3	3431	4576	1.2	816.455	GKS11-4M□□□080C32	E84DVB□2224S□1N2G	562
0.2	0.7	-	3.8	3865	5156	1.1	919.949	GKS11-4M□□□080C32	E84DVB□2224S□1N2G	562
0.2	0.6	-	3.5	4163	5554	1.0	990.879	GKS11-4M□□□080C32	E84DVB□2224S□1N2G	562
0.1	0.5	-	3.1	4691	6258	0.9	1116.484	GKS11-4M□□□080C32	E84DVB□2224S□1N2G	562

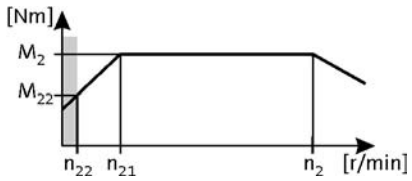
120 Hz: P_N = 3.00 kW

n_{22} / n_2 = 1 ... 24.0

n_1 = 145.0 ... 3480 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
16	100	-	387	53	70	1.1	8.991	GKS04-3M□□□080C42	E84DVB□3024S□1N2G	554
15	92	-	354	58	77	1.0	9.836	GKS04-3M□□□080C42	E84DVB□3024S□1N2G	554
13	79	-	306	67	89	2.8	11.382	GKS06-3M□□□080C42	E84DVB□3024S□1N2G	554
11	68	-	264	77	103	1.2	13.176	GKS05-3M□□□080C42	E84DVB□3024S□1N2G	554
10	63	-	243	84	112	1.1	14.333	GKS04-3M□□□080C42	E84DVB□3024S□1N2G	554
8.1	51	-	195	105	139	2.8	17.809	GKS06-3M□□□080C42	E84DVB□3024S□1N2G	554
5.6	35	-	134	153	204	2.5	26.017	GKS06-3M□□□080C42	E84DVB□3024S□1N2G	554
5.1	32	-	122	167	223	2.3	28.461	GKS06-3M□□□080C42	E84DVB□3024S□1N2G	554
4.8	30	-	116	176	234	1.1	29.931	GKS05-3M□□□080C42	E84DVB□3024S□1N2G	554
4.5	28	-	109	188	251	1.8	32.063	GKS06-3M□□□080C42	E84DVB□3024S□1N2G	554
4.4	28	-	106	192	256	1.0	32.744	GKS05-3M□□□080C42	E84DVB□3024S□1N2G	554
4.0	25	-	97	212	282	3.1	36.063	GKS07-3M□□□080C42	E84DVB□3024S□1N2G	554
4.0	25	-	96	213	284	1.8	36.303	GKS06-3M□□□080C42	E84DVB□3024S□1N2G	554
3.3	20	-	78	261	348	1.7	44.471	GKS06-3M□□□080C42	E84DVB□3024S□1N2G	554
2.7	17	-	66	311	415	1.4	53.074	GKS06-3M□□□080C42	E84DVB□3024S□1N2G	554
2.5	16	-	61	337	450	2.5	57.501	GKS07-3M□□□080C42	E84DVB□3024S□1N2G	554
2.5	16	-	60	340	453	1.3	57.882	GKS06-3M□□□080C42	E84DVB□3024S□1N2G	554
2.2	14	-	54	380	507	2.0	64.790	GKS07-3M□□□080C42	E84DVB□3024S□1N2G	554
2.2	14	-	53	382	510	1.1	65.207	GKS06-3M□□□080C42	E84DVB□3024S□1N2G	554
2.1	13	-	49	413	551	2.1	70.474	GKS07-3M□□□080C42	E84DVB□3024S□1N2G	554
2.0	13	-	48	422	563	1.1	72.000	GKS06-3M□□□080C42	E84DVB□3024S□1N2G	554
1.8	11	-	44	466	621	1.7	79.407	GKS07-3M□□□080C42	E84DVB□3024S□1N2G	554
1.6	9.7	-	38	543	724	1.6	92.563	GKS07-3M□□□080C42	E84DVB□3024S□1N2G	554
1.4	8.7	-	34	594	792	1.4	103.039	GKS07-4M□□□080C42	E84DVB□3024S□1N2G	562
1.4	8.6	-	33	612	816	1.3	104.296	GKS07-3M□□□080C42	E84DVB□3024S□1N2G	554
1.3	8.0	-	31	648	864	1.2	112.391	GKS07-4M□□□080C42	E84DVB□3024S□1N2G	562
1.3	8.0	-	31	659	879	1.4	112.338	GKS07-3M□□□080C42	E84DVB□3024S□1N2G	554
1.2	7.1	-	28	742	990	1.2	126.578	GKS07-3M□□□080C42	E84DVB□3024S□1N2G	554
1.2	7.1	-	28	728	970	1.3	126.222	GKS07-4M□□□080C42	E84DVB□3024S□1N2G	562
1.2	7.3	-	28	711	948	3.0	123.275	GKS09-4M□□□080C42	E84DVB□3024S□1N2G	562
1.1	6.5	-	25	794	1059	0.9	137.748	GKS07-4M□□□080C42	E84DVB□3024S□1N2G	562
1.0	6.4	-	25	824	1099	1.2	140.548	GKS07-3M□□□080C42	E84DVB□3024S□1N2G	554
1.0	6.5	-	25	801	1068	2.7	138.929	GKS09-4M□□□080C42	E84DVB□3024S□1N2G	562
0.9	5.8	-	23	891	1189	1.0	154.622	GKS07-4M□□□080C42	E84DVB□3024S□1N2G	562
1.0	6.0	-	23	871	1161	2.5	151.012	GKS09-4M□□□080C42	E84DVB□3024S□1N2G	562
0.9	5.7	-	22	929	1238	0.9	158.364	GKS07-3M□□□080C42	E84DVB□3024S□1N2G	554
0.9	5.3	-	20	981	1308	2.2	170.188	GKS09-4M□□□080C42	E84DVB□3024S□1N2G	562
0.7	4.4	-	17	1180	1573	1.8	204.596	GKS09-4M□□□080C42	E84DVB□3024S□1N2G	562
0.6	3.9	-	15	1329	1773	1.6	230.577	GKS09-4M□□□080C42	E84DVB□3024S□1N2G	562
0.6	3.6	-	14	1432	1910	1.5	248.439	GKS09-4M□□□080C42	E84DVB□3024S□1N2G	562
0.5	3.2	-	12	1614	2152	1.4	279.986	GKS09-4M□□□080C42	E84DVB□3024S□1N2G	562



120 Hz: P_N = 3.00 kW

n_{22} / n_2 = 1 ... 24.0

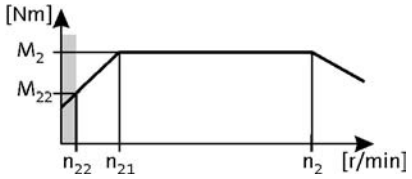
n_1 = 145.0 ... 3480 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
0.5	2.8	-	11	1864	2486	1.2	323.365	GKS09-4M□□□080C42	E84DVB□3024S□1N2G	562
0.5	2.8	-	11	1862	2482	2.3	322.931	GKS11-4M□□□080C42	E84DVB□3024S□1N2G	562
0.4	2.5	-	9.6	2101	2801	1.0	364.427	GKS09-4M□□□080C42	E84DVB□3024S□1N2G	562
0.4	2.5	-	9.6	2098	2797	2.1	363.866	GKS11-4M□□□080C42	E84DVB□3024S□1N2G	562
0.4	2.3	-	8.8	2282	3042	1.9	395.787	GKS11-4M□□□080C42	E84DVB□3024S□1N2G	562
0.4	2.2	-	8.7	2319	3092	0.9	402.234	GKS09-4M□□□080C42	E84DVB□3024S□1N2G	562
0.3	2.0	-	7.8	2571	3428	1.7	445.958	GKS11-4M□□□080C42	E84DVB□3024S□1N2G	562
0.3	1.8	-	6.8	2953	3937	1.4	512.196	GKS11-4M□□□080C42	E84DVB□3024S□1N2G	562
0.3	1.6	-	6.0	3327	4436	1.3	577.122	GKS11-4M□□□080C42	E84DVB□3024S□1N2G	562
0.2	1.5	-	5.6	3584	4778	1.2	621.619	GKS11-4M□□□080C42	E84DVB□3024S□1N2G	562
0.2	1.3	-	5.0	4038	5384	1.1	700.416	GKS11-4M□□□080C42	E84DVB□3024S□1N2G	562
0.2	1.1	-	4.3	4707	6276	0.9	816.455	GKS11-4M□□□080C42	E84DVB□3024S□1N2G	562

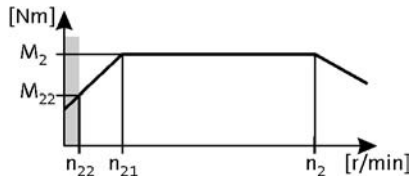
50 Hz: P_N = 0.75 kW

n_{22} / n_2 = 1 ... 10.0

n_1 = 141.0 ... 1410 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
28	117	-	275	19	25	3.3	5.123	GKS04-3M □□□080C32	E84DVB□7514S□1N2G	570
20	85	-	201	26	34	2.7	7.025	GKS04-3M □□□080C32	E84DVB□7514S□1N2G	570
17	74	-	173	30	39	3.3	8.167	GKS04-3M □□□080C32	E84DVB□7514S□1N2G	570
16	67	-	157	33	43	2.4	8.991	GKS04-3M □□□080C32	E84DVB□7514S□1N2G	570
14	61	-	143	37	48	2.2	9.836	GKS04-3M □□□080C32	E84DVB□7514S□1N2G	570
12	51	-	120	44	57	3.2	11.730	GKS04-3M □□□080C32	E84DVB□7514S□1N2G	570
11	46	-	108	49	63	2.6	13.067	GKS04-3M □□□080C32	E84DVB□7514S□1N2G	570
11	46	-	107	49	64	2.6	13.176	GKS05-3M □□□080C32	E84DVB□7514S□1N2G	570
9.8	42	-	98	53	69	2.4	14.333	GKS04-3M □□□080C32	E84DVB□7514S□1N2G	570
8.8	37	-	88	60	78	2.3	16.087	GKS04-3M □□□080C32	E84DVB□7514S□1N2G	570
7.9	34	-	79	67	87	1.9	17.920	GKS04-3M □□□080C32	E84DVB□7514S□1N2G	570
6.9	29	-	69	77	99	1.8	20.588	GKS04-3M □□□080C32	E84DVB□7514S□1N2G	570
6.3	27	-	63	84	109	1.7	22.522	GKS04-3M □□□080C32	E84DVB□7514S□1N2G	570
5.6	24	-	56	93	121	1.4	25.088	GKS04-3M □□□080C32	E84DVB□7514S□1N2G	570
4.9	21	-	49	107	139	1.3	28.727	GKS04-3M □□□080C32	E84DVB□7514S□1N2G	570
4.7	20	-	47	111	144	2.3	29.931	GKS05-3M □□□080C32	E84DVB□7514S□1N2G	570
4.4	19	-	44	119	154	1.1	32.000	GKS04-3M □□□080C32	E84DVB□7514S□1N2G	570
4.3	18	-	43	122	158	2.1	32.744	GKS05-3M □□□080C32	E84DVB□7514S□1N2G	570
4.0	17	-	40	131	170	1.1	35.191	GKS04-3M □□□080C32	E84DVB□7514S□1N2G	570
3.8	16	-	38	137	178	1.7	36.894	GKS05-3M □□□080C32	E84DVB□7514S□1N2G	570
3.6	15	-	36	146	189	0.9	39.200	GKS04-3M □□□080C32	E84DVB□7514S□1N2G	570
3.4	14	-	34	155	202	1.6	41.765	GKS05-3M □□□080C32	E84DVB□7514S□1N2G	570
3.2	14	-	32	164	213	0.9	44.240	GKS04-3M □□□080C32	E84DVB□7514S□1N2G	570
3.0	13	-	30	175	227	1.3	47.059	GKS05-3M □□□080C32	E84DVB□7514S□1N2G	570
2.8	12	-	28	190	247	1.3	51.162	GKS05-3M □□□080C32	E84DVB□7514S□1N2G	570
2.5	10	-	25	214	278	1.1	57.647	GKS05-3M □□□080C32	E84DVB□7514S□1N2G	570
2.4	10	-	24	215	279	2.5	57.882	GKS06-3M □□□080C32	E84DVB□7514S□1N2G	570
2.2	9.2	-	22	242	315	2.0	65.207	GKS06-3M □□□080C32	E84DVB□7514S□1N2G	570
2.1	9.0	-	21	247	321	1.0	66.592	GKS05-3M □□□080C32	E84DVB□7514S□1N2G	570
2.0	8.3	-	20	268	347	2.0	72.000	GKS06-3M □□□080C32	E84DVB□7514S□1N2G	570
1.9	8.0	-	19	279	362	0.9	75.033	GKS05-3M □□□080C32	E84DVB□7514S□1N2G	570
1.7	7.2	-	17	308	400	0.8	82.833	GKS05-3M □□□080C32	E84DVB□7514S□1N2G	570
1.7	7.4	-	17	301	391	1.6	81.111	GKS06-3M □□□080C32	E84DVB□7514S□1N2G	570
1.5	6.4	-	15	346	450	1.6	93.176	GKS06-3M □□□080C32	E84DVB□7514S□1N2G	570
1.5	6.5	-	15	344	447	2.9	92.563	GKS07-3M □□□080C32	E84DVB□7514S□1N2G	570
1.4	5.8	-	14	379	492	1.4	103.721	GKS06-4M □□□080C32	E84DVB□7514S□1N2G	578
1.4	5.8	-	14	388	503	2.4	104.296	GKS07-3M □□□080C32	E84DVB□7514S□1N2G	570
1.4	5.8	-	14	376	489	2.6	103.039	GKS07-4M □□□080C32	E84DVB□7514S□1N2G	578
1.3	5.3	-	13	413	537	1.0	113.205	GKS06-4M □□□080C32	E84DVB□7514S□1N2G	578
1.3	5.7	-	13	390	506	1.3	104.967	GKS06-3M □□□080C32	E84DVB□7514S□1N2G	570
1.3	5.3	-	13	420	546	1.3	113.082	GKS06-3M □□□080C32	E84DVB□7514S□1N2G	570



50 Hz: P_N = 0.75 kW

n_{22} / n_2 = 1 ... 10.0

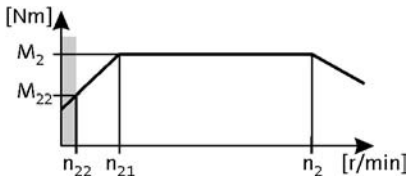
n_1 = 141.0 ... 1410 r/min

n_{22}	n_{21}		n_2	M_{22}	M_2	c	i			
[r/min]	[r/min]		[r/min]	[Nm]	[Nm]					
1.3	5.3	-	13	411	533	2.0	112.391	GKS07-4M □□□080C32	E84DVB□7514S□1N2G	578
1.3	5.3	-	13	417	542	2.5	112.338	GKS07-3M □□□080C32	E84DVB□7514S□1N2G	570
1.1	4.7	-	11	473	615	1.0	127.392	GKS06-3M □□□080C32	E84DVB□7514S□1N2G	570
1.1	4.7	-	11	464	603	1.1	127.059	GKS06-4M □□□080C32	E84DVB□7514S□1N2G	578
1.1	4.7	-	11	470	611	2.0	126.578	GKS07-3M □□□080C32	E84DVB□7514S□1N2G	570
1.1	4.8	-	11	461	599	2.2	126.222	GKS07-4M □□□080C32	E84DVB□7514S□1N2G	578
1.0	4.3	-	10	514	668	0.8	140.816	GKS06-4M □□□080C32	E84DVB□7514S□1N2G	578
1.0	4.4	-	10	503	653	1.6	137.748	GKS07-4M □□□080C32	E84DVB□7514S□1N2G	578
1.0	4.2	-	9.9	531	690	1.0	142.941	GKS06-3M □□□080C32	E84DVB□7514S□1N2G	570
0.9	3.9	-	9.1	568	738	0.9	155.647	GKS06-4M □□□080C32	E84DVB□7514S□1N2G	578
0.9	3.9	-	9.1	565	733	1.8	154.622	GKS07-4M □□□080C32	E84DVB□7514S□1N2G	578
0.9	3.7	-	8.8	598	777	0.8	161.029	GKS06-3M □□□080C32	E84DVB□7514S□1N2G	570
0.8	3.4	-	7.9	655	850	1.2	179.201	GKS07-4M □□□080C32	E84DVB□7514S□1N2G	578
0.8	3.3	-	7.6	686	891	1.5	184.600	GKS07-3M □□□080C32	E84DVB□7514S□1N2G	570
0.7	3.0	-	7.0	735	955	1.4	201.254	GKS07-4M □□□080C32	E84DVB□7514S□1N2G	578
0.7	2.9	-	6.8	773	1004	1.2	208.000	GKS07-3M □□□080C32	E84DVB□7514S□1N2G	570
0.6	2.7	-	6.3	814	1057	1.0	222.909	GKS07-4M □□□080C32	E84DVB□7514S□1N2G	578
0.6	2.7	-	6.3	832	1081	1.2	224.037	GKS07-3M □□□080C32	E84DVB□7514S□1N2G	570
0.6	2.4	-	5.7	901	1170	1.1	246.659	GKS07-4M □□□080C32	E84DVB□7514S□1N2G	578
0.6	2.4	-	5.6	938	1218	1.0	252.436	GKS07-3M □□□080C32	E84DVB□7514S□1N2G	570
0.5	2.2	-	5.2	1005	1296	0.8	273.199	GKS07-4M □□□080C32	E84DVB□7514S□1N2G	578
0.5	2.1	-	5.0	1052	1366	1.0	283.193	GKS07-3M □□□080C32	E84DVB□7514S□1N2G	570
0.4	1.9	-	4.4	1173	1523	0.9	321.049	GKS07-4M □□□080C32	E84DVB□7514S□1N2G	578
0.4	1.9	-	4.4	1181	1534	2.0	323.365	GKS09-4M □□□080C32	E84DVB□7514S□1N2G	578
0.4	1.7	-	3.9	1331	1728	1.8	364.427	GKS09-4M □□□080C32	E84DVB□7514S□1N2G	578
0.4	1.5	-	3.5	1469	1908	1.6	402.234	GKS09-4M □□□080C32	E84DVB□7514S□1N2G	578
0.3	1.3	-	3.1	1656	2150	1.4	453.311	GKS09-4M □□□080C32	E84DVB□7514S□1N2G	578
0.3	1.2	-	2.7	1901	2469	1.2	520.538	GKS09-4M □□□080C32	E84DVB□7514S□1N2G	578
0.2	1.0	-	2.4	2143	2782	1.1	586.638	GKS09-4M □□□080C32	E84DVB□7514S□1N2G	578
0.2	1.0	-	2.2	2307	2996	1.0	631.744	GKS09-4M □□□080C32	E84DVB□7514S□1N2G	578
0.2	0.8	-	2.0	2600	3377	0.9	711.965	GKS09-4M □□□080C32	E84DVB□7514S□1N2G	578
0.2	0.7	-	1.7	2982	3872	1.5	816.455	GKS11-4M □□□080C32	E84DVB□7514S□1N2G	578
0.2	0.7	-	1.5	3360	4363	1.4	919.949	GKS11-4M □□□080C32	E84DVB□7514S□1N2G	578
0.1	0.6	-	1.4	3619	4700	1.3	990.879	GKS11-4M □□□080C32	E84DVB□7514S□1N2G	578
0.1	0.5	-	1.3	4078	5295	1.2	1116.484	GKS11-4M □□□080C32	E84DVB□7514S□1N2G	578
0.1	0.5	-	1.1	4574	5940	1.0	1252.516	GKS11-4M □□□080C32	E84DVB□7514S□1N2G	578
0.1	0.4	-	1.0	5154	6693	0.9	1411.286	GKS11-4M □□□080C32	E84DVB□7514S□1N2G	578

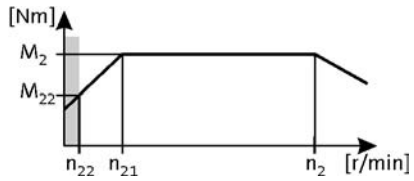
50 Hz: P_N = 1.10 kW

n_{22} / n_2 = 1 ... 10.0

n_1 = 143.0 ... 1430 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
28	117	-	279	25	36	2.3	5.123	GKS04-3M □□□090C12	E84DVB□1124S□1N2G	570
21	87	-	208	34	48	3.1	6.863	GKS05-3M □□□090C12	E84DVB□1124S□1N2G	570
20	85	-	204	34	49	1.9	7.025	GKS04-3M □□□090C12	E84DVB□1124S□1N2G	570
18	74	-	175	40	57	2.3	8.167	GKS04-3M □□□090C12	E84DVB□1124S□1N2G	570
16	67	-	159	44	63	1.6	8.991	GKS04-3M □□□090C12	E84DVB□1124S□1N2G	570
15	64	-	152	46	66	2.5	9.412	GKS05-3M □□□090C12	E84DVB□1124S□1N2G	570
15	61	-	145	48	69	1.6	9.836	GKS04-3M □□□090C12	E84DVB□1124S□1N2G	570
14	57	-	135	52	74	3.1	10.569	GKS05-3M □□□090C12	E84DVB□1124S□1N2G	570
12	51	-	123	57	81	3.1	11.667	GKS05-3M □□□090C12	E84DVB□1124S□1N2G	570
12	51	-	122	57	82	2.2	11.730	GKS04-3M □□□090C12	E84DVB□1124S□1N2G	570
11	46	-	109	64	91	1.8	13.067	GKS04-3M □□□090C12	E84DVB□1124S□1N2G	570
11	46	-	109	64	92	1.8	13.176	GKS05-3M □□□090C12	E84DVB□1124S□1N2G	570
10	42	-	100	70	100	1.6	14.333	GKS04-3M □□□090C12	E84DVB□1124S□1N2G	570
9.9	41	-	99	71	101	2.5	14.494	GKS05-3M □□□090C12	E84DVB□1124S□1N2G	570
8.9	37	-	89	79	112	1.6	16.087	GKS04-3M □□□090C12	E84DVB□1124S□1N2G	570
8.9	38	-	89	78	112	2.5	16.000	GKS05-3M □□□090C12	E84DVB□1124S□1N2G	570
8.4	35	-	84	83	119	2.6	17.054	GKS05-3M □□□090C12	E84DVB□1124S□1N2G	570
8.0	34	-	80	88	125	1.3	17.920	GKS04-3M □□□090C12	E84DVB□1124S□1N2G	570
7.4	31	-	74	94	134	2.2	19.216	GKS05-3M □□□090C12	E84DVB□1124S□1N2G	570
7.0	29	-	70	101	144	1.3	20.588	GKS04-3M □□□090C12	E84DVB□1124S□1N2G	570
6.4	27	-	64	110	157	1.2	22.522	GKS04-3M □□□090C12	E84DVB□1124S□1N2G	570
6.1	26	-	61	114	163	2.0	23.388	GKS05-3M □□□090C12	E84DVB□1124S□1N2G	570
5.7	24	-	57	123	175	1.0	25.088	GKS04-3M □□□090C12	E84DVB□1124S□1N2G	570
5.4	23	-	54	129	184	1.6	26.353	GKS05-3M □□□090C12	E84DVB□1124S□1N2G	570
5.0	21	-	50	140	200	0.9	28.727	GKS04-3M □□□090C12	E84DVB□1124S□1N2G	570
4.8	20	-	48	146	209	1.6	29.931	GKS05-3M □□□090C12	E84DVB□1124S□1N2G	570
4.5	19	-	45	157	224	2.7	32.063	GKS06-3M □□□090C12	E84DVB□1124S□1N2G	570
4.4	18	-	44	160	229	1.5	32.744	GKS05-3M □□□090C12	E84DVB□1124S□1N2G	570
3.9	16	-	39	180	257	1.2	36.894	GKS05-3M □□□090C12	E84DVB□1124S□1N2G	570
3.9	17	-	39	177	253	2.7	36.303	GKS06-3M □□□090C12	E84DVB□1124S□1N2G	570
3.4	14	-	34	204	291	1.1	41.765	GKS05-3M □□□090C12	E84DVB□1124S□1N2G	570
3.2	14	-	32	217	310	2.2	44.471	GKS06-3M □□□090C12	E84DVB□1124S□1N2G	570
3.0	13	-	30	230	328	0.9	47.059	GKS05-3M □□□090C12	E84DVB□1124S□1N2G	570
2.8	12	-	28	250	357	0.9	51.162	GKS05-3M □□□090C12	E84DVB□1124S□1N2G	570
2.7	11	-	27	259	370	1.9	53.074	GKS06-3M □□□090C12	E84DVB□1124S□1N2G	570
2.5	10	-	25	283	404	1.7	57.882	GKS06-3M □□□090C12	E84DVB□1124S□1N2G	570
2.2	9.2	-	22	319	455	1.4	65.207	GKS06-3M □□□090C12	E84DVB□1124S□1N2G	570
2.2	9.3	-	22	317	452	2.6	64.790	GKS07-3M □□□090C12	E84DVB□1124S□1N2G	570
2.0	8.3	-	20	352	502	1.4	72.000	GKS06-3M □□□090C12	E84DVB□1124S□1N2G	570
2.0	8.5	-	20	344	492	2.7	70.474	GKS07-3M □□□090C12	E84DVB□1124S□1N2G	570
1.8	7.4	-	18	396	566	1.1	81.111	GKS06-3M □□□090C12	E84DVB□1124S□1N2G	570



50 Hz: P_N = 1.10 kW

n_{22} / n_2 = 1 ... 10.0

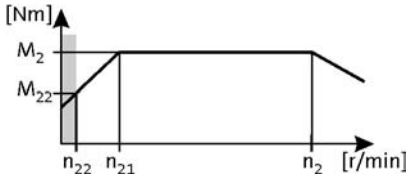
n_1 = 143.0 ... 1430 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
1.8	7.6	-	18	388	554	2.2	79.407	GKS07-3M □□□090C12	E84DVB□1124S□1N2G	570
1.5	6.4	-	15	455	650	1.1	93.176	GKS06-3M □□□090C12	E84DVB□1124S□1N2G	570
1.5	6.5	-	15	452	646	2.1	92.563	GKS07-3M □□□090C12	E84DVB□1124S□1N2G	570
1.4	5.7	-	14	513	732	0.9	104.967	GKS06-3M □□□090C12	E84DVB□1124S□1N2G	570
1.4	5.8	-	14	498	711	1.0	103.721	GKS06-4M □□□090C12	E84DVB□1124S□1N2G	578
1.4	5.8	-	14	509	728	1.7	104.296	GKS07-3M □□□090C12	E84DVB□1124S□1N2G	570
1.4	5.8	-	14	495	707	1.8	103.039	GKS07-4M □□□090C12	E84DVB□1124S□1N2G	578
1.3	5.3	-	13	552	789	0.9	113.082	GKS06-3M □□□090C12	E84DVB□1124S□1N2G	570
1.3	5.3	-	13	540	771	1.4	112.391	GKS07-4M □□□090C12	E84DVB□1124S□1N2G	578
1.3	5.3	-	13	549	784	1.7	112.338	GKS07-3M □□□090C12	E84DVB□1124S□1N2G	570
1.1	4.7	-	11	618	883	1.4	126.578	GKS07-3M □□□090C12	E84DVB□1124S□1N2G	570
1.1	4.8	-	11	606	866	1.5	126.222	GKS07-4M □□□090C12	E84DVB□1124S□1N2G	578
1.0	4.4	-	10	661	945	1.1	137.748	GKS07-4M □□□090C12	E84DVB□1124S□1N2G	578
1.0	4.3	-	10	687	981	1.4	140.548	GKS07-3M □□□090C12	E84DVB□1124S□1N2G	570
1.0	4.3	-	10	688	983	2.7	140.921	GKS09-3M □□□090C12	E84DVB□1124S□1N2G	570
1.0	4.3	-	10	667	953	3.2	138.929	GKS09-4M □□□090C12	E84DVB□1124S□1N2G	578
1.0	4.0	-	9.5	725	1036	2.9	151.012	GKS09-4M □□□090C12	E84DVB□1124S□1N2G	578
0.9	3.9	-	9.3	742	1061	1.2	154.622	GKS07-4M □□□090C12	E84DVB□1124S□1N2G	578
0.9	3.8	-	9.0	774	1105	1.1	158.364	GKS07-3M □□□090C12	E84DVB□1124S□1N2G	570
0.9	3.8	-	9.0	776	1108	2.7	158.816	GKS09-3M □□□090C12	E84DVB□1124S□1N2G	570
0.8	3.5	-	8.4	817	1167	2.6	170.188	GKS09-4M □□□090C12	E84DVB□1124S□1N2G	578
0.8	3.4	-	8.0	860	1229	0.9	179.201	GKS07-4M □□□090C12	E84DVB□1124S□1N2G	578
0.8	3.3	-	7.9	889	1270	2.4	182.000	GKS09-3M □□□090C12	E84DVB□1124S□1N2G	570
0.8	3.3	-	7.8	902	1288	1.0	184.600	GKS07-3M □□□090C12	E84DVB□1124S□1N2G	570
0.7	3.0	-	7.1	966	1380	1.0	201.254	GKS07-4M □□□090C12	E84DVB□1124S□1N2G	578
0.7	2.9	-	7.0	1002	1431	2.2	205.111	GKS09-3M □□□090C12	E84DVB□1124S□1N2G	570
0.7	2.9	-	7.0	982	1403	2.2	204.596	GKS09-4M □□□090C12	E84DVB□1124S□1N2G	578
0.7	2.9	-	6.9	1016	1451	0.8	208.000	GKS07-3M □□□090C12	E84DVB□1124S□1N2G	570
0.7	2.7	-	6.5	1079	1541	2.0	220.882	GKS09-3M □□□090C12	E84DVB□1124S□1N2G	570
0.6	2.7	-	6.4	1094	1563	0.9	224.037	GKS07-3M □□□090C12	E84DVB□1124S□1N2G	570
0.6	2.6	-	6.2	1107	1582	1.9	230.577	GKS09-4M □□□090C12	E84DVB□1124S□1N2G	578
0.6	2.4	-	5.8	1193	1704	1.8	248.439	GKS09-4M □□□090C12	E84DVB□1124S□1N2G	578
0.6	2.4	-	5.7	1216	1737	1.8	248.930	GKS09-3M □□□090C12	E84DVB□1124S□1N2G	570
0.5	2.2	-	5.1	1364	1948	1.6	279.205	GKS09-3M □□□090C12	E84DVB□1124S□1N2G	570
0.5	2.1	-	5.1	1344	1920	1.6	279.986	GKS09-4M □□□090C12	E84DVB□1124S□1N2G	578
0.5	1.9	-	4.5	1537	2196	1.4	314.659	GKS09-3M □□□090C12	E84DVB□1124S□1N2G	570
0.4	1.9	-	4.4	1553	2218	1.4	323.365	GKS09-4M □□□090C12	E84DVB□1124S□1N2G	578
0.4	1.9	-	4.4	1551	2215	2.7	322.931	GKS11-4M □□□090C12	E84DVB□1124S□1N2G	578
0.4	1.7	-	3.9	1750	2500	1.2	364.427	GKS09-4M □□□090C12	E84DVB□1124S□1N2G	578
0.4	1.7	-	3.9	1747	2496	2.4	363.866	GKS11-4M □□□090C12	E84DVB□1124S□1N2G	578
0.4	1.5	-	3.6	1931	2759	1.1	402.234	GKS09-4M □□□090C12	E84DVB□1124S□1N2G	578

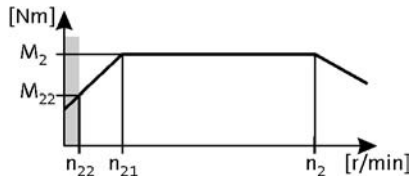
50 Hz: P_N = 1.10 kW

n_{22} / n_2 = 1 ... 10.0

n_1 = 143.0 ... 1430 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
0.4	1.5	-	3.6	1900	2715	2.2	395.787	GKS11-4M □□□090C12	E84DVB□1124S□1N2G	578
0.3	1.3	-	3.2	2177	3109	1.0	453.311	GKS09-4M □□□090C12	E84DVB□1124S□1N2G	578
0.3	1.4	-	3.2	2141	3059	2.0	445.958	GKS11-4M □□□090C12	E84DVB□1124S□1N2G	578
0.3	1.2	-	2.8	2499	3570	0.9	520.538	GKS09-4M □□□090C12	E84DVB□1124S□1N2G	578
0.3	1.2	-	2.8	2459	3513	1.7	512.196	GKS11-4M □□□090C12	E84DVB□1124S□1N2G	578
0.3	1.0	-	2.5	2771	3958	1.5	577.122	GKS11-4M □□□090C12	E84DVB□1124S□1N2G	578
0.2	1.0	-	2.3	2985	4264	1.4	621.619	GKS11-4M □□□090C12	E84DVB□1124S□1N2G	578
0.2	0.9	-	2.0	3363	4804	1.3	700.416	GKS11-4M □□□090C12	E84DVB□1124S□1N2G	578
0.2	0.7	-	1.8	3920	5600	1.1	816.455	GKS11-4M □□□090C12	E84DVB□1124S□1N2G	578
0.2	0.7	-	1.8	3870	5527	2.1	805.901	GKS14-4M □□□090C12	E84DVB□1124S□1N2G	578
0.2	0.7	-	1.6	4417	6310	1.0	919.949	GKS11-4M □□□090C12	E84DVB□1124S□1N2G	578
0.2	0.7	-	1.6	4360	6228	1.9	908.058	GKS14-4M □□□090C12	E84DVB□1124S□1N2G	578
0.2	0.6	-	1.5	4696	6708	1.7	978.071	GKS14-4M □□□090C12	E84DVB□1124S□1N2G	578
0.1	0.6	-	1.4	4758	6796	0.9	990.879	GKS11-4M □□□090C12	E84DVB□1124S□1N2G	578
0.1	0.5	-	1.3	5291	7559	1.5	1102.052	GKS14-4M □□□090C12	E84DVB□1124S□1N2G	578
0.1	0.5	-	1.2	5936	8480	1.4	1236.326	GKS14-4M □□□090C12	E84DVB□1124S□1N2G	578
0.1	0.4	-	1.0	6689	9555	1.2	1393.043	GKS14-4M □□□090C12	E84DVB□1124S□1N2G	578



50 Hz: P_N = 1.50 kW

n_{22} / n_2 = 1 ... 10.0

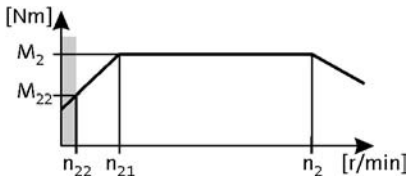
n_1 = 143.5 ... 1435 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
28	117	-	280	34	49	1.7	5.123	GKS04-3M □□□090C32	E84DVB□1524S□1N2G	570
21	87	-	209	46	65	2.3	6.863	GKS05-3M □□□090C32	E84DVB□1524S□1N2G	570
20	85	-	204	47	67	1.4	7.025	GKS04-3M □□□090C32	E84DVB□1524S□1N2G	570
18	74	-	176	54	77	1.7	8.167	GKS04-3M □□□090C32	E84DVB□1524S□1N2G	570
16	67	-	160	60	85	1.2	8.991	GKS04-3M □□□090C32	E84DVB□1524S□1N2G	570
15	64	-	153	63	89	1.9	9.412	GKS05-3M □□□090C32	E84DVB□1524S□1N2G	570
15	61	-	146	65	93	1.1	9.836	GKS04-3M □□□090C32	E84DVB□1524S□1N2G	570
14	57	-	136	70	100	2.3	10.569	GKS05-3M □□□090C32	E84DVB□1524S□1N2G	570
13	53	-	126	76	108	3.1	11.382	GKS06-3M □□□090C32	E84DVB□1524S□1N2G	570
12	51	-	123	77	111	2.3	11.667	GKS05-3M □□□090C32	E84DVB□1524S□1N2G	570
12	51	-	122	78	111	1.6	11.730	GKS04-3M □□□090C32	E84DVB□1524S□1N2G	570
11	46	-	110	87	124	1.3	13.067	GKS04-3M □□□090C32	E84DVB□1524S□1N2G	570
11	46	-	109	88	125	1.3	13.176	GKS05-3M □□□090C32	E84DVB□1524S□1N2G	570
10	42	-	100	95	136	1.2	14.333	GKS04-3M □□□090C32	E84DVB□1524S□1N2G	570
9.9	41	-	99	96	137	1.9	14.494	GKS05-3M □□□090C32	E84DVB□1524S□1N2G	570
9.0	38	-	90	106	152	1.9	16.000	GKS05-3M □□□090C32	E84DVB□1524S□1N2G	570
8.9	37	-	89	107	153	1.2	16.087	GKS04-3M □□□090C32	E84DVB□1524S□1N2G	570
8.4	35	-	84	113	162	1.9	17.054	GKS05-3M □□□090C32	E84DVB□1524S□1N2G	570
8.1	34	-	81	118	169	3.1	17.809	GKS06-3M □□□090C32	E84DVB□1524S□1N2G	570
8.0	34	-	80	119	170	1.0	17.920	GKS04-3M □□□090C32	E84DVB□1524S□1N2G	570
7.5	31	-	75	128	182	1.6	19.216	GKS05-3M □□□090C32	E84DVB□1524S□1N2G	570
7.0	29	-	70	137	195	0.9	20.588	GKS04-3M □□□090C32	E84DVB□1524S□1N2G	570
6.4	27	-	64	150	214	0.9	22.522	GKS04-3M □□□090C32	E84DVB□1524S□1N2G	570
6.1	26	-	61	155	222	1.5	23.388	GKS05-3M □□□090C32	E84DVB□1524S□1N2G	570
5.5	23	-	55	175	250	1.2	26.353	GKS05-3M □□□090C32	E84DVB□1524S□1N2G	570
5.5	23	-	55	173	247	2.8	26.017	GKS06-3M □□□090C32	E84DVB□1524S□1N2G	570
5.0	21	-	50	189	270	2.5	28.461	GKS06-3M □□□090C32	E84DVB□1524S□1N2G	570
4.8	20	-	48	199	284	1.2	29.931	GKS05-3M □□□090C32	E84DVB□1524S□1N2G	570
4.5	19	-	45	213	304	2.0	32.063	GKS06-3M □□□090C32	E84DVB□1524S□1N2G	570
4.4	18	-	44	217	311	1.1	32.744	GKS05-3M □□□090C32	E84DVB□1524S□1N2G	570
4.0	17	-	40	241	344	2.0	36.303	GKS06-3M □□□090C32	E84DVB□1524S□1N2G	570
3.9	16	-	39	245	350	0.9	36.894	GKS05-3M □□□090C32	E84DVB□1524S□1N2G	570
3.4	14	-	34	277	396	0.8	41.765	GKS05-3M □□□090C32	E84DVB□1524S□1N2G	570
3.2	14	-	32	295	422	1.6	44.471	GKS06-3M □□□090C32	E84DVB□1524S□1N2G	570
2.7	11	-	27	352	503	1.4	53.074	GKS06-3M □□□090C32	E84DVB□1524S□1N2G	570
2.5	10	-	25	384	549	1.3	57.882	GKS06-3M □□□090C32	E84DVB□1524S□1N2G	570
2.5	10	-	25	382	545	2.4	57.501	GKS07-3M □□□090C32	E84DVB□1524S□1N2G	570
2.2	9.2	-	22	433	618	1.0	65.207	GKS06-3M □□□090C32	E84DVB□1524S□1N2G	570
2.2	9.3	-	22	430	614	2.0	64.790	GKS07-3M □□□090C32	E84DVB□1524S□1N2G	570
2.0	8.3	-	20	478	683	1.0	72.000	GKS06-3M □□□090C32	E84DVB□1524S□1N2G	570
2.0	8.5	-	20	468	668	2.0	70.474	GKS07-3M □□□090C32	E84DVB□1524S□1N2G	570

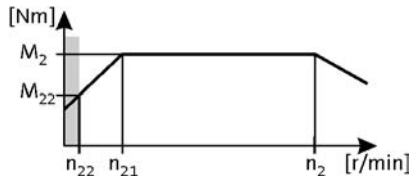
50 Hz: P_N = 1.50 kW

n_{22} / n_2 = 1 ... 10.0

n_1 = 143.5 ... 1435 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
1.8	7.4	-	18	538	769	0.8	81.111	GKS06-3M □□□090C32	E84DVB□1524S□1N2G	570
1.8	7.6	-	18	527	753	1.6	79.407	GKS07-3M □□□090C32	E84DVB□1524S□1N2G	570
1.6	6.5	-	16	614	878	1.5	92.563	GKS07-3M □□□090C32	E84DVB□1524S□1N2G	570
1.6	6.5	-	16	610	871	2.9	91.860	GKS09-3M □□□090C32	E84DVB□1524S□1N2G	570
1.4	5.8	-	14	692	989	1.2	104.296	GKS07-3M □□□090C32	E84DVB□1524S□1N2G	570
1.4	5.8	-	14	672	960	1.3	103.039	GKS07-4M □□□090C32	E84DVB□1524S□1N2G	578
1.4	5.8	-	14	687	982	2.9	103.524	GKS09-3M □□□090C32	E84DVB□1524S□1N2G	570
1.4	6.0	-	14	656	937	3.2	100.551	GKS09-4M □□□090C32	E84DVB□1524S□1N2G	578
1.3	5.3	-	13	733	1048	1.0	112.391	GKS07-4M □□□090C32	E84DVB□1524S□1N2G	578
1.3	5.3	-	13	746	1065	1.3	112.338	GKS07-3M □□□090C32	E84DVB□1524S□1N2G	570
1.3	5.4	-	13	740	1057	2.6	111.484	GKS09-3M □□□090C32	E84DVB□1524S□1N2G	570
1.3	5.3	-	13	739	1056	2.8	113.320	GKS09-4M □□□090C32	E84DVB□1524S□1N2G	578
1.2	4.9	-	12	804	1149	2.6	123.275	GKS09-4M □□□090C32	E84DVB□1524S□1N2G	578
1.1	4.7	-	11	840	1200	1.0	126.578	GKS07-3M □□□090C32	E84DVB□1524S□1N2G	570
1.1	4.8	-	11	824	1176	1.1	126.222	GKS07-4M □□□090C32	E84DVB□1524S□1N2G	578
1.1	4.8	-	11	834	1191	2.6	125.641	GKS09-3M □□□090C32	E84DVB□1524S□1N2G	570
1.0	4.4	-	10	899	1284	0.8	137.748	GKS07-4M □□□090C32	E84DVB□1524S□1N2G	578
1.0	4.3	-	10	933	1333	1.0	140.548	GKS07-3M □□□090C32	E84DVB□1524S□1N2G	570
1.0	4.3	-	10	935	1336	2.0	140.921	GKS09-3M □□□090C32	E84DVB□1524S□1N2G	570
1.0	4.3	-	10	907	1295	2.3	138.929	GKS09-4M □□□090C32	E84DVB□1524S□1N2G	578
1.0	4.0	-	9.5	985	1408	2.2	151.012	GKS09-4M □□□090C32	E84DVB□1524S□1N2G	578
0.9	3.9	-	9.3	1009	1441	0.9	154.622	GKS07-4M □□□090C32	E84DVB□1524S□1N2G	578
0.9	3.8	-	9.1	1051	1502	0.8	158.364	GKS07-3M □□□090C32	E84DVB□1524S□1N2G	570
0.9	3.8	-	9.0	1054	1506	2.0	158.816	GKS09-3M □□□090C32	E84DVB□1524S□1N2G	570
0.8	3.5	-	8.4	1110	1586	1.9	170.188	GKS09-4M □□□090C32	E84DVB□1524S□1N2G	578
0.8	3.3	-	7.9	1208	1726	1.8	182.000	GKS09-3M □□□090C32	E84DVB□1524S□1N2G	570
0.7	2.9	-	7.0	1335	1907	1.6	204.596	GKS09-4M □□□090C32	E84DVB□1524S□1N2G	578
0.7	2.9	-	7.0	1361	1945	1.6	205.111	GKS09-3M □□□090C32	E84DVB□1524S□1N2G	570
0.7	2.7	-	6.5	1466	2094	1.5	220.882	GKS09-3M □□□090C32	E84DVB□1524S□1N2G	570
0.6	2.6	-	6.2	1504	2149	1.4	230.577	GKS09-4M □□□090C32	E84DVB□1524S□1N2G	578
0.6	2.4	-	5.8	1621	2316	1.3	248.439	GKS09-4M □□□090C32	E84DVB□1524S□1N2G	578
0.6	2.4	-	5.8	1652	2360	1.3	248.930	GKS09-3M □□□090C32	E84DVB□1524S□1N2G	570
0.5	2.2	-	5.1	1853	2647	1.1	279.205	GKS09-3M □□□090C32	E84DVB□1524S□1N2G	570
0.5	2.1	-	5.1	1827	2610	1.2	279.986	GKS09-4M □□□090C32	E84DVB□1524S□1N2G	578
0.5	1.9	-	4.6	2089	2983	1.0	314.659	GKS09-3M □□□090C32	E84DVB□1524S□1N2G	570
0.4	1.9	-	4.4	2110	3014	1.0	323.365	GKS09-4M □□□090C32	E84DVB□1524S□1N2G	578
0.4	1.9	-	4.4	2107	3010	2.0	322.931	GKS11-4M □□□090C32	E84DVB□1524S□1N2G	578
0.4	1.7	-	3.9	2378	3397	0.9	364.427	GKS09-4M □□□090C32	E84DVB□1524S□1N2G	578
0.4	1.7	-	3.9	2374	3391	1.8	363.866	GKS11-4M □□□090C32	E84DVB□1524S□1N2G	578
0.4	1.5	-	3.6	2624	3749	0.8	402.234	GKS09-4M □□□090C32	E84DVB□1524S□1N2G	578
0.4	1.5	-	3.6	2582	3689	1.6	395.787	GKS11-4M □□□090C32	E84DVB□1524S□1N2G	578



50 Hz: P_N = 1.50 kW

n_{22} / n_2 = 1 ... 10.0

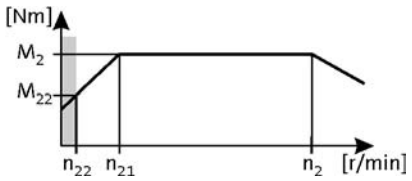
n_1 = 143.5 ... 1435 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
0.3	1.4	-	3.2	2910	4156	1.5	445.958	GKS11-4M □□□090C32	E84DVB□1524S□1N2G	578
0.3	1.2	-	2.8	3342	4774	1.3	512.196	GKS11-4M □□□090C32	E84DVB□1524S□1N2G	578
0.3	1.0	-	2.5	3766	5379	1.1	577.122	GKS11-4M □□□090C32	E84DVB□1524S□1N2G	578
0.2	1.0	-	2.3	4056	5794	1.0	621.619	GKS11-4M □□□090C32	E84DVB□1524S□1N2G	578
0.2	0.9	-	2.1	4570	6528	0.9	700.416	GKS11-4M □□□090C32	E84DVB□1524S□1N2G	578
0.2	0.7	-	1.8	5258	7511	1.5	805.901	GKS14-4M □□□090C32	E84DVB□1524S□1N2G	578
0.2	0.7	-	1.6	5925	8463	1.4	908.058	GKS14-4M □□□090C32	E84DVB□1524S□1N2G	578
0.2	0.6	-	1.5	6382	9116	1.3	978.071	GKS14-4M □□□090C32	E84DVB□1524S□1N2G	578
0.1	0.5	-	1.3	7191	10271	1.1	1102.052	GKS14-4M □□□090C32	E84DVB□1524S□1N2G	578
0.1	0.5	-	1.2	8067	11523	1.0	1236.326	GKS14-4M □□□090C32	E84DVB□1524S□1N2G	578
0.1	0.4	-	1.0	9089	12983	0.9	1393.043	GKS14-4M □□□090C32	E84DVB□1524S□1N2G	578

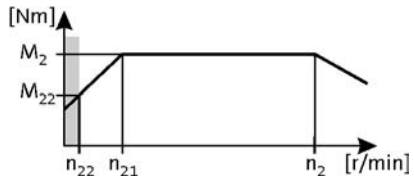
50 Hz: P_N = 2.20 kW

n_{22} / n_2 = 1 ... 10.0

n_1 = 144.5 ... 1445 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
22	93	-	223	63	90	2.9	6.485	GKS06-3M □□□100C12	E84DVB□2224S□1N2G	570
21	87	-	211	66	95	1.6	6.863	GKS05-3M □□□100C12	E84DVB□2224S□1N2G	570
16	65	-	157	89	127	2.9	9.196	GKS06-3M □□□100C12	E84DVB□2224S□1N2G	570
15	64	-	154	91	130	1.3	9.412	GKS05-3M □□□100C12	E84DVB□2224S□1N2G	570
14	59	-	142	98	140	2.9	10.147	GKS06-3M □□□100C12	E84DVB□2224S□1N2G	570
14	57	-	137	102	146	1.6	10.569	GKS05-3M □□□100C12	E84DVB□2224S□1N2G	570
13	53	-	127	110	157	2.1	11.382	GKS06-3M □□□100C12	E84DVB□2224S□1N2G	570
12	51	-	124	113	161	1.6	11.667	GKS05-3M □□□100C12	E84DVB□2224S□1N2G	570
12	48	-	115	122	174	2.5	12.612	GKS06-3M □□□100C12	E84DVB□2224S□1N2G	570
11	46	-	110	127	182	0.9	13.176	GKS05-3M □□□100C12	E84DVB□2224S□1N2G	570
10	41	-	100	140	200	1.3	14.494	GKS05-3M □□□100C12	E84DVB□2224S□1N2G	570
9.8	41	-	98	143	205	2.9	14.824	GKS06-3M □□□100C12	E84DVB□2224S□1N2G	570
9.0	38	-	90	154	221	1.3	16.000	GKS05-3M □□□100C12	E84DVB□2224S□1N2G	570
8.7	36	-	87	161	231	2.6	16.699	GKS06-3M □□□100C12	E84DVB□2224S□1N2G	570
8.5	35	-	85	164	236	1.3	17.054	GKS05-3M □□□100C12	E84DVB□2224S□1N2G	570
8.1	34	-	81	172	246	2.1	17.809	GKS06-3M □□□100C12	E84DVB□2224S□1N2G	570
7.5	31	-	75	185	265	1.1	19.216	GKS05-3M □□□100C12	E84DVB□2224S□1N2G	570
7.1	30	-	71	196	281	2.4	20.329	GKS06-3M □□□100C12	E84DVB□2224S□1N2G	570
6.3	26	-	63	221	316	1.9	22.902	GKS06-3M □□□100C12	E84DVB□2224S□1N2G	570
6.2	26	-	62	226	323	1.0	23.388	GKS05-3M □□□100C12	E84DVB□2224S□1N2G	570
5.6	23	-	56	251	359	1.9	26.017	GKS06-3M □□□100C12	E84DVB□2224S□1N2G	570
5.5	23	-	55	254	364	0.8	26.353	GKS05-3M □□□100C12	E84DVB□2224S□1N2G	570
5.1	21	-	51	274	393	1.7	28.461	GKS06-3M □□□100C12	E84DVB□2224S□1N2G	570
5.1	21	-	51	273	391	3.1	28.274	GKS07-3M □□□100C12	E84DVB□2224S□1N2G	570
4.5	19	-	45	309	443	1.4	32.063	GKS06-3M □□□100C12	E84DVB□2224S□1N2G	570
4.5	19	-	45	307	440	2.7	31.858	GKS07-3M □□□100C12	E84DVB□2224S□1N2G	570
4.0	17	-	40	350	501	1.4	36.303	GKS06-3M □□□100C12	E84DVB□2224S□1N2G	570
4.0	17	-	40	348	498	2.6	36.063	GKS07-3M □□□100C12	E84DVB□2224S□1N2G	570
3.5	15	-	35	400	573	1.2	41.472	GKS06-3M □□□100C12	E84DVB□2224S□1N2G	570
3.3	14	-	33	429	614	1.1	44.471	GKS06-3M □□□100C12	E84DVB□2224S□1N2G	570
3.3	14	-	33	426	610	2.1	44.178	GKS07-3M □□□100C12	E84DVB□2224S□1N2G	570
2.9	12	-	29	485	695	1.9	50.345	GKS07-3M □□□100C12	E84DVB□2224S□1N2G	570
2.7	11	-	27	512	733	1.0	53.074	GKS06-3M □□□100C12	E84DVB□2224S□1N2G	570
2.5	10	-	25	558	799	0.9	57.882	GKS06-3M □□□100C12	E84DVB□2224S□1N2G	570
2.5	10	-	25	554	794	1.7	57.501	GKS07-3M □□□100C12	E84DVB□2224S□1N2G	570
2.2	9.3	-	22	625	895	1.3	64.790	GKS07-3M □□□100C12	E84DVB□2224S□1N2G	570
2.1	8.5	-	21	679	973	1.4	70.474	GKS07-3M □□□100C12	E84DVB□2224S□1N2G	570
2.0	8.5	-	20	684	980	3.1	70.982	GKS09-3M □□□100C12	E84DVB□2224S□1N2G	570
1.8	7.6	-	18	766	1097	1.1	79.407	GKS07-3M □□□100C12	E84DVB□2224S□1N2G	570
1.8	7.5	-	18	771	1105	2.8	79.996	GKS09-3M □□□100C12	E84DVB□2224S□1N2G	570
1.6	6.5	-	16	892	1278	1.0	92.563	GKS07-3M □□□100C12	E84DVB□2224S□1N2G	570



50 Hz: P_N = 2.20 kW

n_{22} / n_2 = 1 ... 10.0

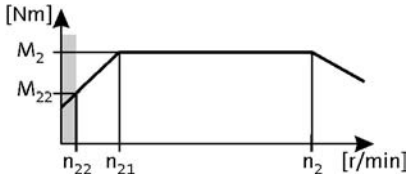
n_1 = 144.5 ... 1445 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
1.6	6.5	-	16	886	1269	2.4	91.860	GKS09-3M □□□100C12	E84DVB□2224S□1N2G	570
1.4	5.8	-	14	1006	1440	0.8	104.296	GKS07-3M □□□100C12	E84DVB□2224S□1N2G	570
1.4	5.8	-	14	977	1399	0.9	103.039	GKS07-4M □□□100C12	E84DVB□2224S□1N2G	578
1.4	5.8	-	14	998	1430	2.2	103.524	GKS09-3M □□□100C12	E84DVB□2224S□1N2G	570
1.4	6.0	-	14	953	1365	2.2	100.551	GKS09-4M □□□100C12	E84DVB□2224S□1N2G	578
1.3	5.3	-	13	1083	1551	0.9	112.338	GKS07-3M □□□100C12	E84DVB□2224S□1N2G	570
1.3	5.4	-	13	1075	1540	2.0	111.484	GKS09-3M □□□100C12	E84DVB□2224S□1N2G	570
1.3	5.3	-	13	1074	1538	2.0	113.320	GKS09-4M □□□100C12	E84DVB□2224S□1N2G	578
1.3	5.4	-	13	1073	1538	2.9	111.335	GKS11-3M □□□100C12	E84DVB□2224S□1N2G	570
1.2	4.8	-	12	1211	1735	1.8	125.641	GKS09-3M □□□100C12	E84DVB□2224S□1N2G	570
1.2	4.9	-	12	1168	1674	1.8	123.275	GKS09-4M □□□100C12	E84DVB□2224S□1N2G	578
1.2	4.8	-	12	1210	1732	2.9	125.448	GKS11-3M □□□100C12	E84DVB□2224S□1N2G	570
1.0	4.3	-	10	1359	1946	1.5	140.921	GKS09-3M □□□100C12	E84DVB□2224S□1N2G	570
1.0	4.3	-	10	1317	1886	1.6	138.929	GKS09-4M □□□100C12	E84DVB□2224S□1N2G	578
1.0	4.3	-	10	1357	1944	2.3	140.732	GKS11-3M □□□100C12	E84DVB□2224S□1N2G	570
1.0	4.3	-	10	1336	1913	3.1	140.952	GKS11-4M □□□100C12	E84DVB□2224S□1N2G	578
1.0	4.0	-	9.6	1431	2050	1.5	151.012	GKS09-4M □□□100C12	E84DVB□2224S□1N2G	578
0.9	3.9	-	9.4	1452	2080	2.8	153.242	GKS11-4M □□□100C12	E84DVB□2224S□1N2G	578
0.9	3.8	-	9.1	1531	2193	1.4	158.816	GKS09-3M □□□100C12	E84DVB□2224S□1N2G	570
0.9	3.8	-	9.1	1529	2190	2.3	158.571	GKS11-3M □□□100C12	E84DVB□2224S□1N2G	570
0.9	3.5	-	8.5	1613	2310	1.3	170.188	GKS09-4M □□□100C12	E84DVB□2224S□1N2G	578
0.8	3.5	-	8.4	1636	2344	2.5	172.667	GKS11-4M □□□100C12	E84DVB□2224S□1N2G	578
0.8	3.3	-	7.9	1755	2513	1.2	182.000	GKS09-3M □□□100C12	E84DVB□2224S□1N2G	570
0.8	3.2	-	7.7	1799	2577	2.3	186.572	GKS11-3M □□□100C12	E84DVB□2224S□1N2G	570
0.7	3.0	-	7.2	1913	2741	2.2	201.890	GKS11-4M □□□100C12	E84DVB□2224S□1N2G	578
0.7	2.9	-	7.1	1939	2777	1.1	204.596	GKS09-4M □□□100C12	E84DVB□2224S□1N2G	578
0.7	2.9	-	7.0	1978	2833	1.1	205.111	GKS09-3M □□□100C12	E84DVB□2224S□1N2G	570
0.7	2.9	-	6.9	2027	2903	2.0	210.222	GKS11-3M □□□100C12	E84DVB□2224S□1N2G	570
0.7	2.7	-	6.5	2130	3050	1.0	220.882	GKS09-3M □□□100C12	E84DVB□2224S□1N2G	570
0.6	2.7	-	6.4	2183	3127	1.9	226.431	GKS11-3M □□□100C12	E84DVB□2224S□1N2G	570
0.6	2.6	-	6.4	2156	3088	1.9	227.481	GKS11-4M □□□100C12	E84DVB□2224S□1N2G	578
0.6	2.6	-	6.3	2185	3130	1.0	230.577	GKS09-4M □□□100C12	E84DVB□2224S□1N2G	578
0.6	2.4	-	5.8	2400	3438	0.9	248.930	GKS09-3M □□□100C12	E84DVB□2224S□1N2G	570
0.6	2.4	-	5.8	2355	3373	0.9	248.439	GKS09-4M □□□100C12	E84DVB□2224S□1N2G	578
0.6	2.4	-	5.8	2351	3368	1.8	248.106	GKS11-4M □□□100C12	E84DVB□2224S□1N2G	578
0.6	2.4	-	5.7	2460	3523	1.7	255.133	GKS11-3M □□□100C12	E84DVB□2224S□1N2G	570
0.5	2.1	-	5.2	2654	3801	0.8	279.986	GKS09-4M □□□100C12	E84DVB□2224S□1N2G	578
0.5	2.2	-	5.2	2649	3795	1.6	279.556	GKS11-4M □□□100C12	E84DVB□2224S□1N2G	578
0.5	2.1	-	5.1	2760	3953	1.5	286.219	GKS11-3M □□□100C12	E84DVB□2224S□1N2G	570
0.5	1.9	-	4.5	3109	4454	1.3	322.500	GKS11-3M □□□100C12	E84DVB□2224S□1N2G	570
0.5	1.9	-	4.5	3061	4384	1.4	322.931	GKS11-4M □□□100C12	E84DVB□2224S□1N2G	578

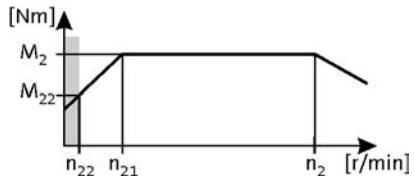
50 Hz: P_N = 2.20 kW

n_{22} / n_2 = 1 ... 10.0

n_1 = 144.5 ... 1445 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
0.5	1.9	-	4.5	3049	4368	2.6	321.729	GKS14-4M □□□100C12	E84DVB□2224S□1N2G	578
0.4	1.7	-	4.0	3448	4940	1.2	363.866	GKS11-4M □□□100C12	E84DVB□2224S□1N2G	578
0.4	1.7	-	4.0	3436	4921	2.3	362.512	GKS14-4M □□□100C12	E84DVB□2224S□1N2G	578
0.4	1.5	-	3.7	3751	5373	1.1	395.787	GKS11-4M □□□100C12	E84DVB□2224S□1N2G	578
0.4	1.5	-	3.7	3703	5303	2.2	390.671	GKS14-4M □□□100C12	E84DVB□2224S□1N2G	578
0.3	1.4	-	3.3	4172	5976	1.9	440.193	GKS14-4M □□□100C12	E84DVB□2224S□1N2G	578
0.3	1.4	-	3.2	4226	6054	1.0	445.958	GKS11-4M □□□100C12	E84DVB□2224S□1N2G	578
0.3	1.2	-	2.8	4854	6953	0.9	512.196	GKS11-4M □□□100C12	E84DVB□2224S□1N2G	578
0.3	1.2	-	2.8	4863	6966	1.7	513.121	GKS14-4M □□□100C12	E84DVB□2224S□1N2G	578
0.3	1.0	-	2.5	5479	7849	1.5	578.164	GKS14-4M □□□100C12	E84DVB□2224S□1N2G	578
0.2	1.0	-	2.3	5902	8454	1.4	622.742	GKS14-4M □□□100C12	E84DVB□2224S□1N2G	578
0.2	0.9	-	2.1	6650	9525	1.2	701.681	GKS14-4M □□□100C12	E84DVB□2224S□1N2G	578
0.2	0.7	-	1.8	7638	10940	1.1	805.901	GKS14-4M □□□100C12	E84DVB□2224S□1N2G	578
0.2	0.7	-	1.6	8606	12327	0.9	908.058	GKS14-4M □□□100C12	E84DVB□2224S□1N2G	578
0.2	0.6	-	1.5	9269	13277	0.9	978.071	GKS14-4M □□□100C12	E84DVB□2224S□1N2G	578



50 Hz: P_N = 3.00 kW

n_{22} / n_2 = 1 ... 10.0

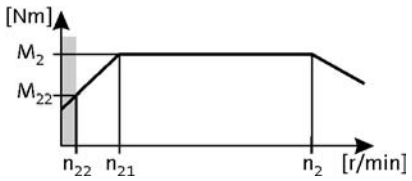
n_1 = 144.5 ... 1445 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
22	93	-	223	85	122	2.2	6.485	GKS06-3M □□□100C32	E84DVB□3024S□1N2G	570
21	87	-	211	90	129	1.1	6.863	GKS05-3M □□□100C32	E84DVB□3024S□1N2G	570
16	65	-	157	121	173	2.2	9.196	GKS06-3M □□□100C32	E84DVB□3024S□1N2G	570
15	64	-	154	124	177	0.9	9.412	GKS05-3M □□□100C32	E84DVB□3024S□1N2G	570
14	59	-	142	134	191	2.2	10.147	GKS06-3M □□□100C32	E84DVB□3024S□1N2G	570
14	57	-	137	139	199	1.1	10.569	GKS05-3M □□□100C32	E84DVB□3024S□1N2G	570
13	53	-	127	150	214	1.6	11.382	GKS06-3M □□□100C32	E84DVB□3024S□1N2G	570
13	53	-	127	150	214	2.9	11.378	GKS07-3M □□□100C32	E84DVB□3024S□1N2G	570
12	51	-	124	154	220	1.1	11.667	GKS05-3M □□□100C32	E84DVB□3024S□1N2G	570
12	48	-	115	166	238	1.8	12.612	GKS06-3M □□□100C32	E84DVB□3024S□1N2G	570
10	41	-	100	191	273	0.9	14.494	GKS05-3M □□□100C32	E84DVB□3024S□1N2G	570
9.8	41	-	98	195	279	2.2	14.824	GKS06-3M □□□100C32	E84DVB□3024S□1N2G	570
9.0	38	-	90	211	301	0.9	16.000	GKS05-3M □□□100C32	E84DVB□3024S□1N2G	570
8.7	36	-	87	220	315	1.9	16.699	GKS06-3M □□□100C32	E84DVB□3024S□1N2G	570
8.5	35	-	85	225	321	1.0	17.054	GKS05-3M □□□100C32	E84DVB□3024S□1N2G	570
8.4	35	-	84	227	325	3.1	17.270	GKS07-3M □□□100C32	E84DVB□3024S□1N2G	570
8.1	34	-	81	235	335	1.6	17.809	GKS06-3M □□□100C32	E84DVB□3024S□1N2G	570
7.5	31	-	75	253	362	0.8	19.216	GKS05-3M □□□100C32	E84DVB□3024S□1N2G	570
7.1	30	-	71	268	383	1.7	20.329	GKS06-3M □□□100C32	E84DVB□3024S□1N2G	570
6.3	26	-	63	302	431	1.4	22.902	GKS06-3M □□□100C32	E84DVB□3024S□1N2G	570
5.7	24	-	57	332	475	2.5	25.244	GKS07-3M □□□100C32	E84DVB□3024S□1N2G	570
5.6	23	-	56	343	490	1.4	26.017	GKS06-3M □□□100C32	E84DVB□3024S□1N2G	570
5.1	21	-	51	375	536	1.3	28.461	GKS06-3M □□□100C32	E84DVB□3024S□1N2G	570
5.1	21	-	51	372	532	2.3	28.274	GKS07-3M □□□100C32	E84DVB□3024S□1N2G	570
4.5	19	-	45	422	604	1.0	32.063	GKS06-3M □□□100C32	E84DVB□3024S□1N2G	570
4.5	19	-	45	419	600	2.0	31.858	GKS07-3M □□□100C32	E84DVB□3024S□1N2G	570
4.0	17	-	40	478	684	1.0	36.303	GKS06-3M □□□100C32	E84DVB□3024S□1N2G	570
4.0	17	-	40	475	679	1.9	36.063	GKS07-3M □□□100C32	E84DVB□3024S□1N2G	570
3.5	15	-	35	546	781	0.9	41.472	GKS06-3M □□□100C32	E84DVB□3024S□1N2G	570
3.3	14	-	33	586	837	0.8	44.471	GKS06-3M □□□100C32	E84DVB□3024S□1N2G	570
3.3	14	-	33	582	832	1.6	44.178	GKS07-3M □□□100C32	E84DVB□3024S□1N2G	570
2.9	12	-	29	663	948	1.4	50.345	GKS07-3M □□□100C32	E84DVB□3024S□1N2G	570
2.5	10	-	25	757	1083	1.2	57.501	GKS07-3M □□□100C32	E84DVB□3024S□1N2G	570
2.5	10	-	25	770	1101	2.8	58.456	GKS09-3M □□□100C32	E84DVB□3024S□1N2G	570
2.2	9.3	-	22	853	1220	1.0	64.790	GKS07-3M □□□100C32	E84DVB□3024S□1N2G	570
2.2	9.1	-	22	867	1241	2.5	65.879	GKS09-3M □□□100C32	E84DVB□3024S□1N2G	570
2.1	8.5	-	21	928	1327	1.0	70.474	GKS07-3M □□□100C32	E84DVB□3024S□1N2G	570
2.0	8.5	-	20	935	1337	2.3	70.982	GKS09-3M □□□100C32	E84DVB□3024S□1N2G	570
1.8	7.6	-	18	1045	1495	0.8	79.407	GKS07-3M □□□100C32	E84DVB□3024S□1N2G	570
1.8	7.5	-	18	1053	1506	2.0	79.996	GKS09-3M □□□100C32	E84DVB□3024S□1N2G	570
1.6	6.5	-	16	1209	1730	1.8	91.860	GKS09-3M □□□100C32	E84DVB□3024S□1N2G	570

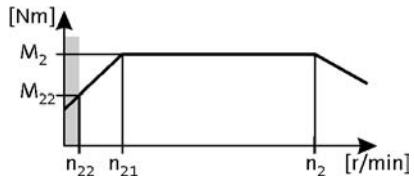
50 Hz: P_N = 3.00 kW

n_{22} / n_2 = 1 ... 10.0

n_1 = 144.5 ... 1445 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
1.6	6.5	-	16	1208	1728	2.5	91.737	GKS11-3M □□□100C32	E84DVB□3024S□1N2G	570
1.4	5.8	-	14	1363	1950	1.6	103.524	GKS09-3M □□□100C32	E84DVB□3024S□1N2G	570
1.4	6.0	-	14	1301	1861	1.6	100.551	GKS09-4M □□□100C32	E84DVB□3024S□1N2G	578
1.4	5.8	-	14	1361	1947	2.5	103.365	GKS11-3M □□□100C32	E84DVB□3024S□1N2G	570
1.4	5.9	-	14	1322	1890	3.0	102.119	GKS11-4M □□□100C32	E84DVB□3024S□1N2G	578
1.3	5.4	-	13	1468	2099	1.4	111.484	GKS09-3M □□□100C32	E84DVB□3024S□1N2G	570
1.3	5.3	-	13	1467	2098	1.4	113.320	GKS09-4M □□□100C32	E84DVB□3024S□1N2G	578
1.3	5.4	-	13	1466	2097	2.1	111.335	GKS11-3M □□□100C32	E84DVB□3024S□1N2G	570
1.3	5.2	-	13	1489	2130	2.8	115.063	GKS11-4M □□□100C32	E84DVB□3024S□1N2G	578
1.2	4.8	-	12	1654	2366	1.3	125.641	GKS09-3M □□□100C32	E84DVB□3024S□1N2G	570
1.2	4.9	-	12	1595	2282	1.3	123.275	GKS09-4M □□□100C32	E84DVB□3024S□1N2G	578
1.2	4.8	-	12	1652	2362	2.1	125.448	GKS11-3M □□□100C32	E84DVB□3024S□1N2G	570
1.2	4.8	-	12	1619	2316	2.5	125.095	GKS11-4M □□□100C32	E84DVB□3024S□1N2G	578
1.0	4.3	-	10	1855	2654	1.1	140.921	GKS09-3M □□□100C32	E84DVB□3024S□1N2G	570
1.0	4.3	-	10	1798	2572	1.2	138.929	GKS09-4M □□□100C32	E84DVB□3024S□1N2G	578
1.0	4.3	-	10	1853	2650	1.7	140.732	GKS11-3M □□□100C32	E84DVB□3024S□1N2G	570
1.0	4.3	-	10	1824	2609	2.3	140.952	GKS11-4M □□□100C32	E84DVB□3024S□1N2G	578
1.0	4.0	-	9.6	1954	2795	1.1	151.012	GKS09-4M □□□100C32	E84DVB□3024S□1N2G	578
0.9	3.9	-	9.4	1983	2837	2.0	153.242	GKS11-4M □□□100C32	E84DVB□3024S□1N2G	578
0.9	3.8	-	9.1	2091	2991	1.0	158.816	GKS09-3M □□□100C32	E84DVB□3024S□1N2G	570
0.9	3.8	-	9.1	2088	2986	1.7	158.571	GKS11-3M □□□100C32	E84DVB□3024S□1N2G	570
0.9	3.5	-	8.5	2202	3150	1.0	170.188	GKS09-4M □□□100C32	E84DVB□3024S□1N2G	578
0.8	3.5	-	8.4	2235	3196	1.9	172.667	GKS11-4M □□□100C32	E84DVB□3024S□1N2G	578
0.8	3.3	-	7.9	2396	3427	0.9	182.000	GKS09-3M □□□100C32	E84DVB□3024S□1N2G	570
0.8	3.2	-	7.7	2456	3513	1.7	186.572	GKS11-3M □□□100C32	E84DVB□3024S□1N2G	570
0.7	3.0	-	7.2	2613	3737	1.6	201.890	GKS11-4M □□□100C32	E84DVB□3024S□1N2G	578
0.7	2.9	-	7.1	2648	3787	0.8	204.596	GKS09-4M □□□100C32	E84DVB□3024S□1N2G	578
0.7	2.9	-	6.9	2768	3959	1.5	210.222	GKS11-3M □□□100C32	E84DVB□3024S□1N2G	570
0.6	2.7	-	6.4	2981	4264	1.4	226.431	GKS11-3M □□□100C32	E84DVB□3024S□1N2G	570
0.6	2.6	-	6.4	2944	4211	1.4	227.481	GKS11-4M □□□100C32	E84DVB□3024S□1N2G	578
0.6	2.4	-	5.8	3211	4593	1.3	248.106	GKS11-4M □□□100C32	E84DVB□3024S□1N2G	578
0.6	2.4	-	5.7	3359	4805	1.2	255.133	GKS11-3M □□□100C32	E84DVB□3024S□1N2G	570
0.5	2.2	-	5.2	3618	5175	1.2	279.556	GKS11-4M □□□100C32	E84DVB□3024S□1N2G	578
0.5	2.1	-	5.1	3768	5390	1.1	286.219	GKS11-3M □□□100C32	E84DVB□3024S□1N2G	570
0.5	1.9	-	4.5	4246	6073	1.0	322.500	GKS11-3M □□□100C32	E84DVB□3024S□1N2G	570
0.5	1.9	-	4.5	4179	5978	1.0	322.931	GKS11-4M □□□100C32	E84DVB□3024S□1N2G	578
0.5	1.9	-	4.5	4164	5956	1.9	321.729	GKS14-4M □□□100C32	E84DVB□3024S□1N2G	578
0.4	1.7	-	4.0	4709	6736	0.9	363.866	GKS11-4M □□□100C32	E84DVB□3024S□1N2G	578
0.4	1.7	-	4.0	4691	6711	1.7	362.512	GKS14-4M □□□100C32	E84DVB□3024S□1N2G	578
0.4	1.5	-	3.7	5122	7327	0.8	395.787	GKS11-4M □□□100C32	E84DVB□3024S□1N2G	578
0.4	1.5	-	3.7	5056	7232	1.6	390.671	GKS14-4M □□□100C32	E84DVB□3024S□1N2G	578



50 Hz: P_N = 3.00 kW

n_{22} / n_2 = 1 ... 10.0

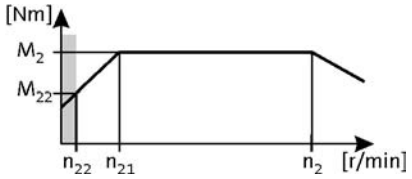
n_1 = 144.5 ... 1445 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
0.3	1.4	-	3.3	5697	8149	1.4	440.193	GKS14-4M □□□100C32	E84DVB□3024S□1N2G	578
0.3	1.2	-	2.8	6640	9499	1.2	513.121	GKS14-4M □□□100C32	E84DVB□3024S□1N2G	578
0.3	1.0	-	2.5	7482	10703	1.1	578.164	GKS14-4M □□□100C32	E84DVB□3024S□1N2G	578
0.2	1.0	-	2.3	8059	11528	1.0	622.742	GKS14-4M □□□100C32	E84DVB□3024S□1N2G	578
0.2	0.9	-	2.1	9081	12989	0.9	701.681	GKS14-4M □□□100C32	E84DVB□3024S□1N2G	578

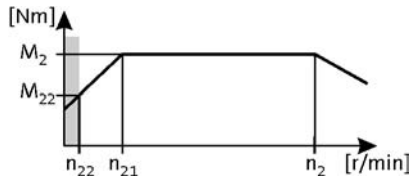
87 Hz: P_N = 1.35 kW

n_{22} / n_2 = 1 ... 17.4

n_1 = 144.8 ... 2520 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
28	117	-	492	19	25	2.7	5.123	GKS04-3M □□□080C32	E84DVB□1524S□1N2G	570
21	85	-	359	26	34	2.3	7.025	GKS04-3M □□□080C32	E84DVB□1524S□1N2G	570
18	74	-	309	30	39	2.7	8.167	GKS04-3M □□□080C32	E84DVB□1524S□1N2G	570
16	67	-	280	33	43	2.0	8.991	GKS04-3M □□□080C32	E84DVB□1524S□1N2G	570
15	61	-	256	37	48	1.9	9.836	GKS04-3M □□□080C32	E84DVB□1524S□1N2G	570
12	51	-	215	44	57	2.7	11.730	GKS04-3M □□□080C32	E84DVB□1524S□1N2G	570
11	46	-	193	49	63	2.2	13.067	GKS04-3M □□□080C32	E84DVB□1524S□1N2G	570
11	46	-	191	49	64	2.2	13.176	GKS05-3M □□□080C32	E84DVB□1524S□1N2G	570
10	42	-	176	53	69	2.0	14.333	GKS04-3M □□□080C32	E84DVB□1524S□1N2G	570
9.0	37	-	157	60	78	2.0	16.087	GKS04-3M □□□080C32	E84DVB□1524S□1N2G	570
8.1	34	-	141	67	87	1.6	17.920	GKS04-3M □□□080C32	E84DVB□1524S□1N2G	570
7.0	29	-	122	77	99	1.5	20.588	GKS04-3M □□□080C32	E84DVB□1524S□1N2G	570
6.4	27	-	112	84	109	1.4	22.522	GKS04-3M □□□080C32	E84DVB□1524S□1N2G	570
5.8	24	-	100	93	121	1.2	25.088	GKS04-3M □□□080C32	E84DVB□1524S□1N2G	570
5.0	21	-	88	107	139	1.1	28.727	GKS04-3M □□□080C32	E84DVB□1524S□1N2G	570
4.8	20	-	84	111	144	1.9	29.931	GKS05-3M □□□080C32	E84DVB□1524S□1N2G	570
4.5	19	-	79	119	154	0.9	32.000	GKS04-3M □□□080C32	E84DVB□1524S□1N2G	570
4.4	18	-	77	122	158	1.8	32.744	GKS05-3M □□□080C32	E84DVB□1524S□1N2G	570
4.1	17	-	72	131	170	0.9	35.191	GKS04-3M □□□080C32	E84DVB□1524S□1N2G	570
3.9	16	-	68	137	178	1.4	36.894	GKS05-3M □□□080C32	E84DVB□1524S□1N2G	570
3.5	14	-	60	155	202	1.4	41.765	GKS05-3M □□□080C32	E84DVB□1524S□1N2G	570
3.3	14	-	57	164	213	0.8	44.240	GKS04-3M □□□080C32	E84DVB□1524S□1N2G	570
3.1	13	-	54	175	227	1.3	47.059	GKS05-3M □□□080C32	E84DVB□1524S□1N2G	570
2.8	12	-	49	190	247	1.3	51.162	GKS05-3M □□□080C32	E84DVB□1524S□1N2G	570
2.5	10	-	44	214	278	1.1	57.647	GKS05-3M □□□080C32	E84DVB□1524S□1N2G	570
2.5	10	-	44	215	279	2.4	57.882	GKS06-3M □□□080C32	E84DVB□1524S□1N2G	570
2.2	9.2	-	39	242	315	1.9	65.207	GKS06-3M □□□080C32	E84DVB□1524S□1N2G	570
2.2	9.0	-	38	247	321	1.0	66.592	GKS05-3M □□□080C32	E84DVB□1524S□1N2G	570
2.0	8.3	-	35	268	347	1.9	72.000	GKS06-3M □□□080C32	E84DVB□1524S□1N2G	570
1.9	8.0	-	34	279	362	0.8	75.033	GKS05-3M □□□080C32	E84DVB□1524S□1N2G	570
1.8	7.4	-	31	301	391	1.5	81.111	GKS06-3M □□□080C32	E84DVB□1524S□1N2G	570
1.6	6.4	-	27	346	450	1.5	93.176	GKS06-3M □□□080C32	E84DVB□1524S□1N2G	570
1.6	6.5	-	27	344	447	2.8	92.563	GKS07-3M □□□080C32	E84DVB□1524S□1N2G	570
1.4	5.8	-	25	376	489	2.5	103.039	GKS07-4M □□□080C32	E84DVB□1524S□1N2G	578
1.4	5.7	-	24	390	506	1.2	104.967	GKS06-3M □□□080C32	E84DVB□1524S□1N2G	570
1.4	5.8	-	24	379	492	1.3	103.721	GKS06-4M □□□080C32	E84DVB□1524S□1N2G	578
1.4	5.8	-	24	388	503	2.3	104.296	GKS07-3M □□□080C32	E84DVB□1524S□1N2G	570
1.3	5.3	-	22	413	537	1.0	113.205	GKS06-4M □□□080C32	E84DVB□1524S□1N2G	578
1.3	5.3	-	22	420	546	1.3	113.082	GKS06-3M □□□080C32	E84DVB□1524S□1N2G	570
1.3	5.3	-	22	411	533	2.0	112.391	GKS07-4M □□□080C32	E84DVB□1524S□1N2G	578
1.3	5.3	-	22	417	542	2.5	112.338	GKS07-3M □□□080C32	E84DVB□1524S□1N2G	570



87 Hz: P_N = 1.35 kW

n_{22} / n_2 = 1 ... 17.4

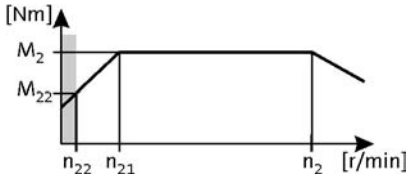
n_1 = 144.8 ... 2520 r/min

n_{22}	n_{21}		n_2	M_{22}	M_2	c	i			
[r/min]	[r/min]		[r/min]	[Nm]	[Nm]					
1.1	4.7	-	20	473	615	1.0	127.392	GKS06-3M □□□080C32	E84DVB□1524S□1N2G	570
1.1	4.7	-	20	464	603	1.1	127.059	GKS06-4M □□□080C32	E84DVB□1524S□1N2G	578
1.1	4.7	-	20	470	611	2.0	126.578	GKS07-3M □□□080C32	E84DVB□1524S□1N2G	570
1.2	4.8	-	20	461	599	2.2	126.222	GKS07-4M □□□080C32	E84DVB□1524S□1N2G	578
		-	18	514	668	0.8	140.816	GKS06-4M □□□080C32	E84DVB□1524S□1N2G	578
1.0	4.2	-	18	531	690	1.0	142.941	GKS06-3M □□□080C32	E84DVB□1524S□1N2G	570
1.1	4.4	-	18	503	653	1.6	137.748	GKS07-4M □□□080C32	E84DVB□1524S□1N2G	578
0.9	3.7	-	16	598	777	0.8	161.029	GKS06-3M □□□080C32	E84DVB□1524S□1N2G	570
0.9	3.9	-	16	568	738	0.9	155.647	GKS06-4M □□□080C32	E84DVB□1524S□1N2G	578
0.9	3.9	-	16	565	733	1.8	154.622	GKS07-4M □□□080C32	E84DVB□1524S□1N2G	578
0.8	3.4	-	14	655	850	1.2	179.201	GKS07-4M □□□080C32	E84DVB□1524S□1N2G	578
0.8	3.3	-	14	686	891	1.5	184.600	GKS07-3M □□□080C32	E84DVB□1524S□1N2G	570
0.7	3.0	-	13	735	955	1.4	201.254	GKS07-4M □□□080C32	E84DVB□1524S□1N2G	578
0.7	2.9	-	12	773	1004	1.2	208.000	GKS07-3M □□□080C32	E84DVB□1524S□1N2G	570
0.7	2.7	-	11	814	1057	1.0	222.909	GKS07-4M □□□080C32	E84DVB□1524S□1N2G	578
0.7	2.7	-	11	832	1081	1.2	224.037	GKS07-3M □□□080C32	E84DVB□1524S□1N2G	570
0.6	2.4	-	10	938	1218	1.0	252.436	GKS07-3M □□□080C32	E84DVB□1524S□1N2G	570
0.6	2.4	-	10	901	1170	1.1	246.659	GKS07-4M □□□080C32	E84DVB□1524S□1N2G	578
0.5	2.2	-	9.2	1005	1296	0.8	273.199	GKS07-4M □□□080C32	E84DVB□1524S□1N2G	578
0.5	2.1	-	8.9	1052	1366	1.0	283.193	GKS07-3M □□□080C32	E84DVB□1524S□1N2G	570
0.5	1.9	-	7.9	1173	1523	0.9	321.049	GKS07-4M □□□080C32	E84DVB□1524S□1N2G	578
0.5	1.9	-	7.8	1181	1534	2.0	323.365	GKS09-4M □□□080C32	E84DVB□1524S□1N2G	578
0.4	1.7	-	6.9	1331	1728	1.8	364.427	GKS09-4M □□□080C32	E84DVB□1524S□1N2G	578
0.4	1.5	-	6.3	1469	1908	1.6	402.234	GKS09-4M □□□080C32	E84DVB□1524S□1N2G	578
0.3	1.3	-	5.6	1656	2150	1.4	453.311	GKS09-4M □□□080C32	E84DVB□1524S□1N2G	578
0.3	1.2	-	4.8	1901	2469	1.2	520.538	GKS09-4M □□□080C32	E84DVB□1524S□1N2G	578
0.3	1.0	-	4.3	2143	2782	1.1	586.638	GKS09-4M □□□080C32	E84DVB□1524S□1N2G	578
0.2	1.0	-	4.0	2307	2996	1.0	631.744	GKS09-4M □□□080C32	E84DVB□1524S□1N2G	578
0.2	0.8	-	3.5	2600	3377	0.9	711.965	GKS09-4M □□□080C32	E84DVB□1524S□1N2G	578
0.2	0.7	-	3.1	2982	3872	1.5	816.455	GKS11-4M □□□080C32	E84DVB□1524S□1N2G	578
0.2	0.7	-	2.7	3360	4363	1.4	919.949	GKS11-4M □□□080C32	E84DVB□1524S□1N2G	578
0.2	0.6	-	2.5	3619	4700	1.3	990.879	GKS11-4M □□□080C32	E84DVB□1524S□1N2G	578
0.1	0.5	-	2.3	4078	5295	1.2	1116.484	GKS11-4M □□□080C32	E84DVB□1524S□1N2G	578
0.1	0.5	-	2.0	4574	5940	1.0	1252.516	GKS11-4M □□□080C32	E84DVB□1524S□1N2G	578
0.1	0.4	-	1.8	5154	6693	0.9	1411.286	GKS11-4M □□□080C32	E84DVB□1524S□1N2G	578

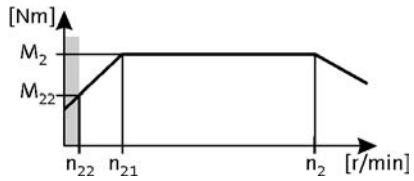
87 Hz: P_N = 2.00 kW

n_{22} / n_2 = 1 ... 17.4

n_1 = 146.0 ... 2540 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
29	117	-	496	25	36	1.9	5.123	GKS04-3M □□□090C12	E84DVB□2224S□1N2G	570
21	87	-	370	34	48	2.6	6.863	GKS05-3M □□□090C12	E84DVB□2224S□1N2G	570
21	85	-	362	34	49	1.6	7.025	GKS04-3M □□□090C12	E84DVB□2224S□1N2G	570
18	74	-	311	40	57	1.9	8.167	GKS04-3M □□□090C12	E84DVB□2224S□1N2G	570
16	67	-	283	44	63	1.4	8.991	GKS04-3M □□□090C12	E84DVB□2224S□1N2G	570
16	64	-	270	46	66	2.1	9.412	GKS05-3M □□□090C12	E84DVB□2224S□1N2G	570
15	61	-	258	48	69	1.3	9.836	GKS04-3M □□□090C12	E84DVB□2224S□1N2G	570
14	57	-	240	52	74	2.6	10.569	GKS05-3M □□□090C12	E84DVB□2224S□1N2G	570
13	51	-	218	57	81	2.6	11.667	GKS05-3M □□□090C12	E84DVB□2224S□1N2G	570
12	51	-	217	57	82	1.9	11.730	GKS04-3M □□□090C12	E84DVB□2224S□1N2G	570
11	46	-	194	64	91	1.5	13.067	GKS04-3M □□□090C12	E84DVB□2224S□1N2G	570
11	46	-	193	64	92	1.5	13.176	GKS05-3M □□□090C12	E84DVB□2224S□1N2G	570
10	42	-	177	70	100	1.4	14.333	GKS04-3M □□□090C12	E84DVB□2224S□1N2G	570
10	41	-	175	71	101	2.1	14.494	GKS05-3M □□□090C12	E84DVB□2224S□1N2G	570
9.1	38	-	159	78	112	2.1	16.000	GKS05-3M □□□090C12	E84DVB□2224S□1N2G	570
9.1	37	-	158	79	112	1.4	16.087	GKS04-3M □□□090C12	E84DVB□2224S□1N2G	570
8.6	35	-	149	83	119	2.2	17.054	GKS05-3M □□□090C12	E84DVB□2224S□1N2G	570
8.2	34	-	142	88	125	1.1	17.920	GKS04-3M □□□090C12	E84DVB□2224S□1N2G	570
7.6	31	-	132	94	134	1.9	19.216	GKS05-3M □□□090C12	E84DVB□2224S□1N2G	570
7.1	29	-	123	101	144	1.1	20.588	GKS04-3M □□□090C12	E84DVB□2224S□1N2G	570
6.5	27	-	113	110	157	1.0	22.522	GKS04-3M □□□090C12	E84DVB□2224S□1N2G	570
6.2	26	-	109	114	163	1.7	23.388	GKS05-3M □□□090C12	E84DVB□2224S□1N2G	570
		-	101	123	175	0.8	25.088	GKS04-3M □□□090C12	E84DVB□2224S□1N2G	570
5.5	23	-	96	129	184	1.4	26.353	GKS05-3M □□□090C12	E84DVB□2224S□1N2G	570
4.9	20	-	85	146	209	1.3	29.931	GKS05-3M □□□090C12	E84DVB□2224S□1N2G	570
4.6	19	-	79	157	224	2.3	32.063	GKS06-3M □□□090C12	E84DVB□2224S□1N2G	570
4.5	18	-	78	160	229	1.2	32.744	GKS05-3M □□□090C12	E84DVB□2224S□1N2G	570
4.0	17	-	70	177	253	2.3	36.303	GKS06-3M □□□090C12	E84DVB□2224S□1N2G	570
4.0	16	-	69	180	257	1.0	36.894	GKS05-3M □□□090C12	E84DVB□2224S□1N2G	570
3.5	14	-	61	204	291	1.0	41.765	GKS05-3M □□□090C12	E84DVB□2224S□1N2G	570
3.3	14	-	57	217	310	2.1	44.471	GKS06-3M □□□090C12	E84DVB□2224S□1N2G	570
3.1	13	-	54	230	328	0.9	47.059	GKS05-3M □□□090C12	E84DVB□2224S□1N2G	570
2.9	12	-	50	250	357	0.9	51.162	GKS05-3M □□□090C12	E84DVB□2224S□1N2G	570
2.8	11	-	48	259	370	1.8	53.074	GKS06-3M □□□090C12	E84DVB□2224S□1N2G	570
2.5	10	-	44	283	404	1.6	57.882	GKS06-3M □□□090C12	E84DVB□2224S□1N2G	570
2.2	9.2	-	39	319	455	1.3	65.207	GKS06-3M □□□090C12	E84DVB□2224S□1N2G	570
2.3	9.3	-	39	317	452	2.5	64.790	GKS07-3M □□□090C12	E84DVB□2224S□1N2G	570
2.1	8.5	-	36	344	492	2.6	70.474	GKS07-3M □□□090C12	E84DVB□2224S□1N2G	570
2.0	8.3	-	35	352	502	1.3	72.000	GKS06-3M □□□090C12	E84DVB□2224S□1N2G	570
1.8	7.6	-	32	388	554	2.1	79.407	GKS07-3M □□□090C12	E84DVB□2224S□1N2G	570
1.8	7.4	-	31	396	566	1.1	81.111	GKS06-3M □□□090C12	E84DVB□2224S□1N2G	570



87 Hz: P_N = 2.00 kW

n_{22} / n_2 = 1 ... 17.4

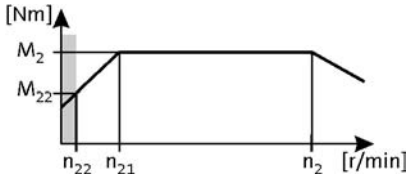
n_1 = 146.0 ... 2540 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
1.6	6.4	-	27	455	650	1.0	93.176	GKS06-3M □□□090C12	E84DVB□2224S□1N2G	570
1.6	6.5	-	27	452	646	2.0	92.563	GKS07-3M □□□090C12	E84DVB□2224S□1N2G	570
1.4	5.8	-	25	498	711	0.9	103.721	GKS06-4M □□□090C12	E84DVB□2224S□1N2G	578
1.4	5.8	-	25	495	707	1.7	103.039	GKS07-4M □□□090C12	E84DVB□2224S□1N2G	578
1.4	5.7	-	24	513	732	0.8	104.967	GKS06-3M □□□090C12	E84DVB□2224S□1N2G	570
1.4	5.8	-	24	509	728	1.6	104.296	GKS07-3M □□□090C12	E84DVB□2224S□1N2G	570
1.3	5.3	-	23	552	789	0.9	113.082	GKS06-3M □□□090C12	E84DVB□2224S□1N2G	570
1.3	5.3	-	23	540	771	1.4	112.391	GKS07-4M □□□090C12	E84DVB□2224S□1N2G	578
1.3	5.3	-	23	549	784	1.7	112.338	GKS07-3M □□□090C12	E84DVB□2224S□1N2G	570
1.2	4.7	-	20	618	883	1.4	126.578	GKS07-3M □□□090C12	E84DVB□2224S□1N2G	570
1.2	4.8	-	20	606	866	1.5	126.222	GKS07-4M □□□090C12	E84DVB□2224S□1N2G	578
1.1	4.4	-	18	661	945	1.1	137.748	GKS07-4M □□□090C12	E84DVB□2224S□1N2G	578
1.0	4.3	-	18	687	981	1.4	140.548	GKS07-3M □□□090C12	E84DVB□2224S□1N2G	570
1.0	4.3	-	18	688	983	2.7	140.921	GKS09-3M □□□090C12	E84DVB□2224S□1N2G	570
1.1	4.3	-	18	667	953	3.2	138.929	GKS09-4M □□□090C12	E84DVB□2224S□1N2G	578
1.0	4.0	-	17	725	1036	2.9	151.012	GKS09-4M □□□090C12	E84DVB□2224S□1N2G	578
0.9	3.8	-	16	774	1105	1.1	158.364	GKS07-3M □□□090C12	E84DVB□2224S□1N2G	570
0.9	3.9	-	16	742	1061	1.2	154.622	GKS07-4M □□□090C12	E84DVB□2224S□1N2G	578
0.9	3.8	-	16	776	1108	2.7	158.816	GKS09-3M □□□090C12	E84DVB□2224S□1N2G	570
0.9	3.5	-	15	817	1167	2.6	170.188	GKS09-4M □□□090C12	E84DVB□2224S□1N2G	578
0.8	3.4	-	14	860	1229	0.9	179.201	GKS07-4M □□□090C12	E84DVB□2224S□1N2G	578
0.8	3.3	-	14	902	1288	1.0	184.600	GKS07-3M □□□090C12	E84DVB□2224S□1N2G	570
0.8	3.3	-	14	889	1270	2.4	182.000	GKS09-3M □□□090C12	E84DVB□2224S□1N2G	570
0.7	3.0	-	13	966	1380	1.0	201.254	GKS07-4M □□□090C12	E84DVB□2224S□1N2G	578
0.7	2.9	-	12	1016	1451	0.8	208.000	GKS07-3M □□□090C12	E84DVB□2224S□1N2G	570
0.7	2.7	-	12	1079	1541	2.0	220.882	GKS09-3M □□□090C12	E84DVB□2224S□1N2G	570
0.7	2.9	-	12	1002	1431	2.2	205.111	GKS09-3M □□□090C12	E84DVB□2224S□1N2G	570
0.7	2.9	-	12	982	1403	2.2	204.596	GKS09-4M □□□090C12	E84DVB□2224S□1N2G	578
0.7	2.7	-	11	1094	1563	0.9	224.037	GKS07-3M □□□090C12	E84DVB□2224S□1N2G	570
0.6	2.6	-	11	1107	1582	1.9	230.577	GKS09-4M □□□090C12	E84DVB□2224S□1N2G	578
0.6	2.4	-	10	1216	1737	1.8	248.930	GKS09-3M □□□090C12	E84DVB□2224S□1N2G	570
0.6	2.4	-	10	1193	1704	1.8	248.439	GKS09-4M □□□090C12	E84DVB□2224S□1N2G	578
0.5	2.2	-	9.1	1364	1948	1.6	279.205	GKS09-3M □□□090C12	E84DVB□2224S□1N2G	570
0.5	2.1	-	9.1	1344	1920	1.6	279.986	GKS09-4M □□□090C12	E84DVB□2224S□1N2G	578
0.5	1.9	-	8.1	1537	2196	1.4	314.659	GKS09-3M □□□090C12	E84DVB□2224S□1N2G	570
0.5	1.9	-	7.9	1553	2218	1.4	323.365	GKS09-4M □□□090C12	E84DVB□2224S□1N2G	578
0.5	1.9	-	7.9	1551	2215	2.7	322.931	GKS11-4M □□□090C12	E84DVB□2224S□1N2G	578
0.4	1.7	-	7.0	1750	2500	1.2	364.427	GKS09-4M □□□090C12	E84DVB□2224S□1N2G	578
0.4	1.7	-	7.0	1747	2496	2.4	363.866	GKS11-4M □□□090C12	E84DVB□2224S□1N2G	578
0.4	1.5	-	6.4	1900	2715	2.2	395.787	GKS11-4M □□□090C12	E84DVB□2224S□1N2G	578
0.4	1.5	-	6.3	1931	2759	1.1	402.234	GKS09-4M □□□090C12	E84DVB□2224S□1N2G	578

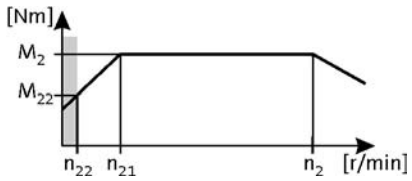
87 Hz: P_N = 2.00 kW

n_{22} / n_2 = 1 ... 17.4

n_1 = 146.0 ... 2540 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
0.3	1.4	-	5.7	2141	3059	2.0	445.958	GKS11-4M □□□090C12	E84DVB□2224S□1N2G	578
0.3	1.3	-	5.6	2177	3109	1.0	453.311	GKS09-4M □□□090C12	E84DVB□2224S□1N2G	578
0.3	1.2	-	5.0	2459	3513	1.7	512.196	GKS11-4M □□□090C12	E84DVB□2224S□1N2G	578
0.3	1.2	-	4.9	2499	3570	0.9	520.538	GKS09-4M □□□090C12	E84DVB□2224S□1N2G	578
0.3	1.0	-	4.4	2771	3958	1.5	577.122	GKS11-4M □□□090C12	E84DVB□2224S□1N2G	578
0.2	1.0	-	4.1	2985	4264	1.4	621.619	GKS11-4M □□□090C12	E84DVB□2224S□1N2G	578
0.2	0.9	-	3.6	3363	4804	1.3	700.416	GKS11-4M □□□090C12	E84DVB□2224S□1N2G	578
0.2	0.7	-	3.2	3870	5527	2.1	805.901	GKS14-4M □□□090C12	E84DVB□2224S□1N2G	578
0.2	0.7	-	3.1	3920	5600	1.1	816.455	GKS11-4M □□□090C12	E84DVB□2224S□1N2G	578
0.2	0.7	-	2.8	4417	6310	1.0	919.949	GKS11-4M □□□090C12	E84DVB□2224S□1N2G	578
0.2	0.7	-	2.8	4360	6228	1.9	908.058	GKS14-4M □□□090C12	E84DVB□2224S□1N2G	578
0.2	0.6	-	2.6	4758	6796	0.9	990.879	GKS11-4M □□□090C12	E84DVB□2224S□1N2G	578
0.2	0.6	-	2.6	4696	6708	1.7	978.071	GKS14-4M □□□090C12	E84DVB□2224S□1N2G	578
0.1	0.5	-	2.3	5291	7559	1.5	1102.052	GKS14-4M □□□090C12	E84DVB□2224S□1N2G	578
0.1	0.5	-	2.1	5936	8480	1.4	1236.326	GKS14-4M □□□090C12	E84DVB□2224S□1N2G	578
0.1	0.4	-	1.8	6689	9555	1.2	1393.043	GKS14-4M □□□090C12	E84DVB□2224S□1N2G	578



87 Hz: P_N = 2.70 kW

n_{22} / n_2 = 1 ... 17.4

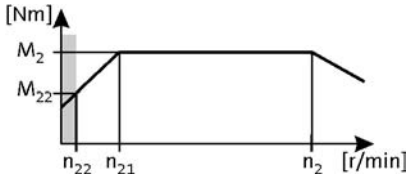
n_1 = 146.3 ... 2545 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
29	117	-	497	34	49	1.4	5.123	GKS04-3M □□□090C32	E84DVB□3024S□1N2G	570
21	87	-	371	46	65	1.9	6.863	GKS05-3M □□□090C32	E84DVB□3024S□1N2G	570
21	85	-	362	47	67	1.2	7.025	GKS04-3M □□□090C32	E84DVB□3024S□1N2G	570
18	74	-	312	54	77	1.4	8.167	GKS04-3M □□□090C32	E84DVB□3024S□1N2G	570
16	67	-	283	60	85	1.0	8.991	GKS04-3M □□□090C32	E84DVB□3024S□1N2G	570
16	64	-	270	63	89	1.6	9.412	GKS05-3M □□□090C32	E84DVB□3024S□1N2G	570
15	61	-	259	65	93	1.0	9.836	GKS04-3M □□□090C32	E84DVB□3024S□1N2G	570
14	57	-	241	70	100	1.9	10.569	GKS05-3M □□□090C32	E84DVB□3024S□1N2G	570
13	53	-	224	76	108	2.6	11.382	GKS06-3M □□□090C32	E84DVB□3024S□1N2G	570
13	51	-	218	77	111	1.9	11.667	GKS05-3M □□□090C32	E84DVB□3024S□1N2G	570
13	51	-	217	78	111	1.4	11.730	GKS04-3M □□□090C32	E84DVB□3024S□1N2G	570
11	46	-	195	87	124	1.1	13.067	GKS04-3M □□□090C32	E84DVB□3024S□1N2G	570
11	46	-	193	88	125	1.1	13.176	GKS05-3M □□□090C32	E84DVB□3024S□1N2G	570
10	42	-	178	95	136	1.0	14.333	GKS04-3M □□□090C32	E84DVB□3024S□1N2G	570
10	41	-	176	96	137	1.6	14.494	GKS05-3M □□□090C32	E84DVB□3024S□1N2G	570
9.1	38	-	159	106	152	1.6	16.000	GKS05-3M □□□090C32	E84DVB□3024S□1N2G	570
9.1	37	-	158	107	153	1.0	16.087	GKS04-3M □□□090C32	E84DVB□3024S□1N2G	570
8.6	35	-	149	113	162	1.6	17.054	GKS05-3M □□□090C32	E84DVB□3024S□1N2G	570
8.2	34	-	143	118	169	2.6	17.809	GKS06-3M □□□090C32	E84DVB□3024S□1N2G	570
8.2	34	-	142	119	170	0.8	17.920	GKS04-3M □□□090C32	E84DVB□3024S□1N2G	570
7.6	31	-	132	128	182	1.4	19.216	GKS05-3M □□□090C32	E84DVB□3024S□1N2G	570
6.3	26	-	109	155	222	1.2	23.388	GKS05-3M □□□090C32	E84DVB□3024S□1N2G	570
5.6	23	-	98	173	247	2.3	26.017	GKS06-3M □□□090C32	E84DVB□3024S□1N2G	570
5.6	23	-	97	175	250	1.0	26.353	GKS05-3M □□□090C32	E84DVB□3024S□1N2G	570
5.1	21	-	89	189	270	2.1	28.461	GKS06-3M □□□090C32	E84DVB□3024S□1N2G	570
4.9	20	-	85	199	284	1.0	29.931	GKS05-3M □□□090C32	E84DVB□3024S□1N2G	570
4.6	19	-	79	213	304	1.7	32.063	GKS06-3M □□□090C32	E84DVB□3024S□1N2G	570
4.5	18	-	78	217	311	0.9	32.744	GKS05-3M □□□090C32	E84DVB□3024S□1N2G	570
4.0	17	-	70	241	344	1.7	36.303	GKS06-3M □□□090C32	E84DVB□3024S□1N2G	570
3.3	14	-	57	295	422	1.6	44.471	GKS06-3M □□□090C32	E84DVB□3024S□1N2G	570
2.8	11	-	48	352	503	1.3	53.074	GKS06-3M □□□090C32	E84DVB□3024S□1N2G	570
2.5	10	-	44	384	549	1.2	57.882	GKS06-3M □□□090C32	E84DVB□3024S□1N2G	570
2.5	10	-	44	382	545	2.3	57.501	GKS07-3M □□□090C32	E84DVB□3024S□1N2G	570
2.2	9.2	-	39	433	618	1.0	65.207	GKS06-3M □□□090C32	E84DVB□3024S□1N2G	570
2.3	9.3	-	39	430	614	1.9	64.790	GKS07-3M □□□090C32	E84DVB□3024S□1N2G	570
2.1	8.5	-	36	468	668	1.9	70.474	GKS07-3M □□□090C32	E84DVB□3024S□1N2G	570
2.0	8.3	-	35	478	683	1.0	72.000	GKS06-3M □□□090C32	E84DVB□3024S□1N2G	570
1.8	7.6	-	32	527	753	1.5	79.407	GKS07-3M □□□090C32	E84DVB□3024S□1N2G	570
1.6	6.5	-	28	614	878	1.4	92.563	GKS07-3M □□□090C32	E84DVB□3024S□1N2G	570
1.6	6.5	-	28	610	871	2.8	91.860	GKS09-3M □□□090C32	E84DVB□3024S□1N2G	570
1.4	5.8	-	25	672	960	1.3	103.039	GKS07-4M □□□090C32	E84DVB□3024S□1N2G	578

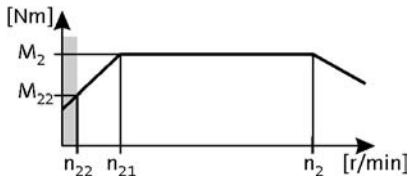
87 Hz: P_N = 2.70 kW

n_{22} / n_2 = 1 ... 17.4

n_1 = 146.3 ... 2545 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
1.4	5.8	-	25	687	982	2.8	103.524	GKS09-3M □□□090C32	E84DVB□3024S□1N2G	570
1.5	6.0	-	25	656	937	3.1	100.551	GKS09-4M □□□090C32	E84DVB□3024S□1N2G	578
1.4	5.8	-	24	692	989	1.2	104.296	GKS07-3M □□□090C32	E84DVB□3024S□1N2G	570
1.3	5.3	-	23	733	1048	1.0	112.391	GKS07-4M □□□090C32	E84DVB□3024S□1N2G	578
1.3	5.3	-	23	746	1065	1.3	112.338	GKS07-3M □□□090C32	E84DVB□3024S□1N2G	570
1.3	5.4	-	23	740	1057	2.6	111.484	GKS09-3M □□□090C32	E84DVB□3024S□1N2G	570
1.3	5.3	-	23	739	1056	2.8	113.320	GKS09-4M □□□090C32	E84DVB□3024S□1N2G	578
1.2	4.9	-	21	804	1149	2.6	123.275	GKS09-4M □□□090C32	E84DVB□3024S□1N2G	578
1.2	4.7	-	20	840	1200	1.0	126.578	GKS07-3M □□□090C32	E84DVB□3024S□1N2G	570
1.2	4.8	-	20	824	1176	1.1	126.222	GKS07-4M □□□090C32	E84DVB□3024S□1N2G	578
1.2	4.8	-	20	834	1191	2.6	125.641	GKS09-3M □□□090C32	E84DVB□3024S□1N2G	570
1.1	4.4	-	19	899	1284	0.8	137.748	GKS07-4M □□□090C32	E84DVB□3024S□1N2G	578
1.0	4.3	-	18	933	1333	1.0	140.548	GKS07-3M □□□090C32	E84DVB□3024S□1N2G	570
1.0	4.3	-	18	935	1336	2.0	140.921	GKS09-3M □□□090C32	E84DVB□3024S□1N2G	570
1.1	4.3	-	18	907	1295	2.3	138.929	GKS09-4M □□□090C32	E84DVB□3024S□1N2G	578
1.0	3.9	-	17	1009	1441	0.9	154.622	GKS07-4M □□□090C32	E84DVB□3024S□1N2G	578
1.0	4.0	-	17	985	1408	2.2	151.012	GKS09-4M □□□090C32	E84DVB□3024S□1N2G	578
		-	16	1051	1502	0.8	158.364	GKS07-3M □□□090C32	E84DVB□3024S□1N2G	570
0.9	3.8	-	16	1054	1506	2.0	158.816	GKS09-3M □□□090C32	E84DVB□3024S□1N2G	570
0.9	3.5	-	15	1110	1586	1.9	170.188	GKS09-4M □□□090C32	E84DVB□3024S□1N2G	578
0.8	3.3	-	14	1208	1726	1.8	182.000	GKS09-3M □□□090C32	E84DVB□3024S□1N2G	570
0.7	2.7	-	12	1466	2094	1.5	220.882	GKS09-3M □□□090C32	E84DVB□3024S□1N2G	570
0.7	2.9	-	12	1335	1907	1.6	204.596	GKS09-4M □□□090C32	E84DVB□3024S□1N2G	578
0.7	2.9	-	12	1361	1945	1.6	205.111	GKS09-3M □□□090C32	E84DVB□3024S□1N2G	570
0.6	2.6	-	11	1504	2149	1.4	230.577	GKS09-4M □□□090C32	E84DVB□3024S□1N2G	578
0.6	2.4	-	10	1621	2316	1.3	248.439	GKS09-4M □□□090C32	E84DVB□3024S□1N2G	578
0.6	2.4	-	10	1652	2360	1.3	248.930	GKS09-3M □□□090C32	E84DVB□3024S□1N2G	570
0.5	2.2	-	9.1	1853	2647	1.1	279.205	GKS09-3M □□□090C32	E84DVB□3024S□1N2G	570
0.5	2.1	-	9.1	1827	2610	1.2	279.986	GKS09-4M □□□090C32	E84DVB□3024S□1N2G	578
0.5	1.9	-	8.1	2089	2983	1.0	314.659	GKS09-3M □□□090C32	E84DVB□3024S□1N2G	570
0.5	1.9	-	7.9	2110	3014	1.0	323.365	GKS09-4M □□□090C32	E84DVB□3024S□1N2G	578
0.5	1.9	-	7.9	2107	3010	2.0	322.931	GKS11-4M □□□090C32	E84DVB□3024S□1N2G	578
0.4	1.7	-	7.0	2378	3397	0.9	364.427	GKS09-4M □□□090C32	E84DVB□3024S□1N2G	578
0.4	1.7	-	7.0	2374	3391	1.8	363.866	GKS11-4M □□□090C32	E84DVB□3024S□1N2G	578
0.4	1.5	-	6.4	2582	3689	1.6	395.787	GKS11-4M □□□090C32	E84DVB□3024S□1N2G	578
		-	6.3	2624	3749	0.8	402.234	GKS09-4M □□□090C32	E84DVB□3024S□1N2G	578
0.3	1.4	-	5.7	2910	4156	1.5	445.958	GKS11-4M □□□090C32	E84DVB□3024S□1N2G	578
0.3	1.2	-	5.0	3342	4774	1.3	512.196	GKS11-4M □□□090C32	E84DVB□3024S□1N2G	578
0.3	1.0	-	4.4	3766	5379	1.1	577.122	GKS11-4M □□□090C32	E84DVB□3024S□1N2G	578
0.2	1.0	-	4.1	4056	5794	1.0	621.619	GKS11-4M □□□090C32	E84DVB□3024S□1N2G	578
0.2	0.9	-	3.6	4570	6528	0.9	700.416	GKS11-4M □□□090C32	E84DVB□3024S□1N2G	578



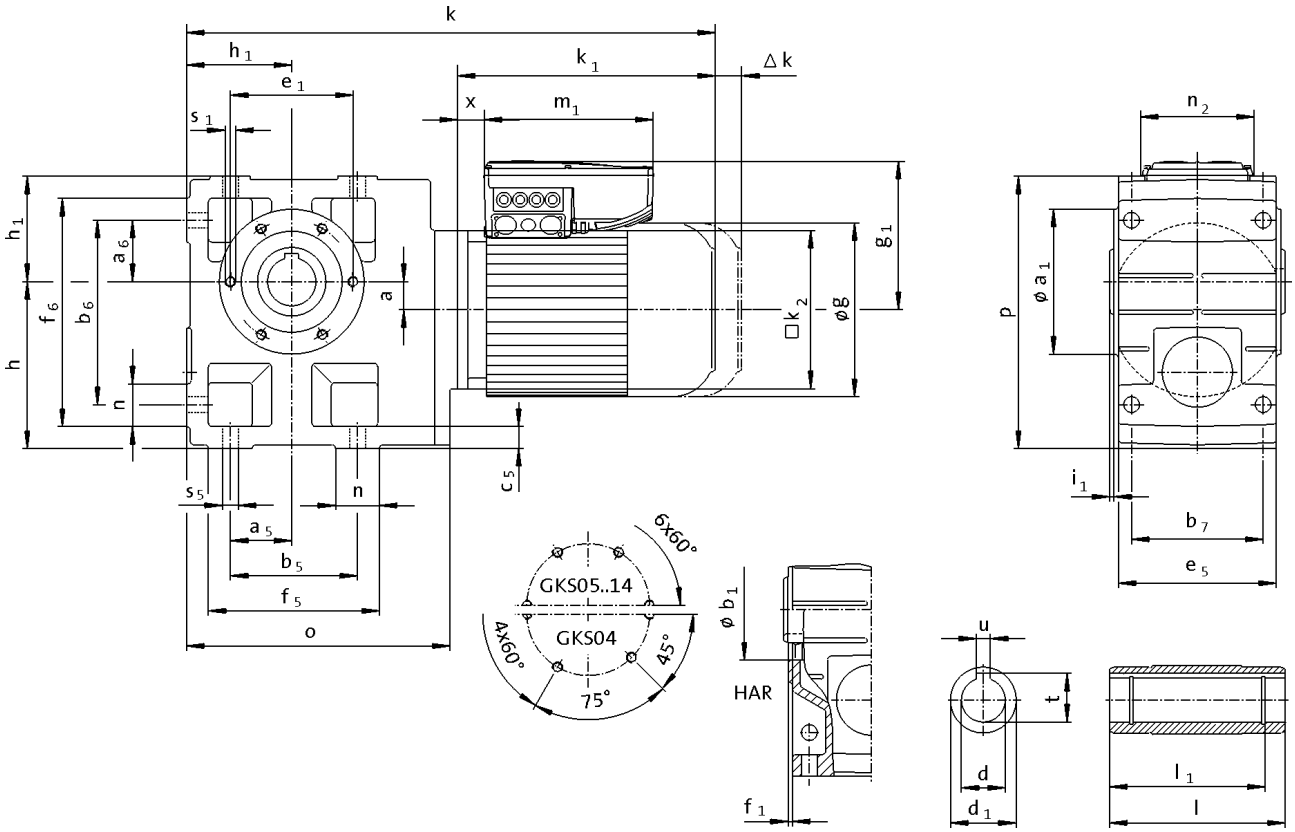
87 Hz: P_N = 2.70 kW

n_{22} / n_2 = 1 ... 17.4

n_1 = 146.3 ... 2545 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
0.2	0.7	-	3.2	5258	7511	1.5	805.901	GKS14-4M □□□090C32	E84DVB□3024S□1N2G	578
0.2	0.7	-	2.8	5925	8463	1.4	908.058	GKS14-4M □□□090C32	E84DVB□3024S□1N2G	578
0.2	0.6	-	2.6	6382	9116	1.3	978.071	GKS14-4M □□□090C32	E84DVB□3024S□1N2G	578
0.1	0.5	-	2.3	7191	10271	1.1	1102.052	GKS14-4M □□□090C32	E84DVB□3024S□1N2G	578
0.1	0.5	-	2.1	8067	11523	1.0	1236.326	GKS14-4M □□□090C32	E84DVB□3024S□1N2G	578
0.1	0.4	-	1.8	9089	12983	0.9	1393.043	GKS14-4M □□□090C32	E84DVB□3024S□1N2G	578

GKS□□-3M H□R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h 1
e 1
s 1
k 1
Δ k
x
m 1
h 1
a 6
f 6
b 6
h
n
a
□k 2
øg
g 1
c 5
s 5
n
a 5
b 5
f 5
o
6x60°
GKS05..14
GKS04
4x60°
45°
75°
ø b 1
HAR
f 1
n 2
p
ø a 1
i 1
b 7
e 5
u
t
d
d 1
l 1
l

6

		063C32	063C42	071C32 071C42	080C32	080C42	090C32	100C12 100C32
g		123		139	156		176	194
$g_{1,\ 50Hz}$				163	172		177	217
$g_{1,\ 87Hz}$		154		163	172	201	205.5	
k_1	MDEMAXX	187		207	224.5		248	309
k_2		120			145		180	
x_{50Hz}				21	25.5		28.8	29.6
x_{87Hz}		18.8		21	25.5	24.5	27.8	
$m_{1,\ 50Hz}$				241				260
$m_{1,\ 87Hz}$		241				260		
$n_{2,\ 50Hz}$				161				176
$n_{2,\ 87Hz}$		161				176		
Δ k	MDEMABR	40		52	73		68	76
	MDFMAXX	128						109
	MDFMABR	170		165	183		181	170
		k						
GKS04		399		419	441		475	
GKS05			419	439	461		495	556
GKS06			475	495	517		551	612
GKS07					573		607	668
GKS09							678	739
GKS11								830

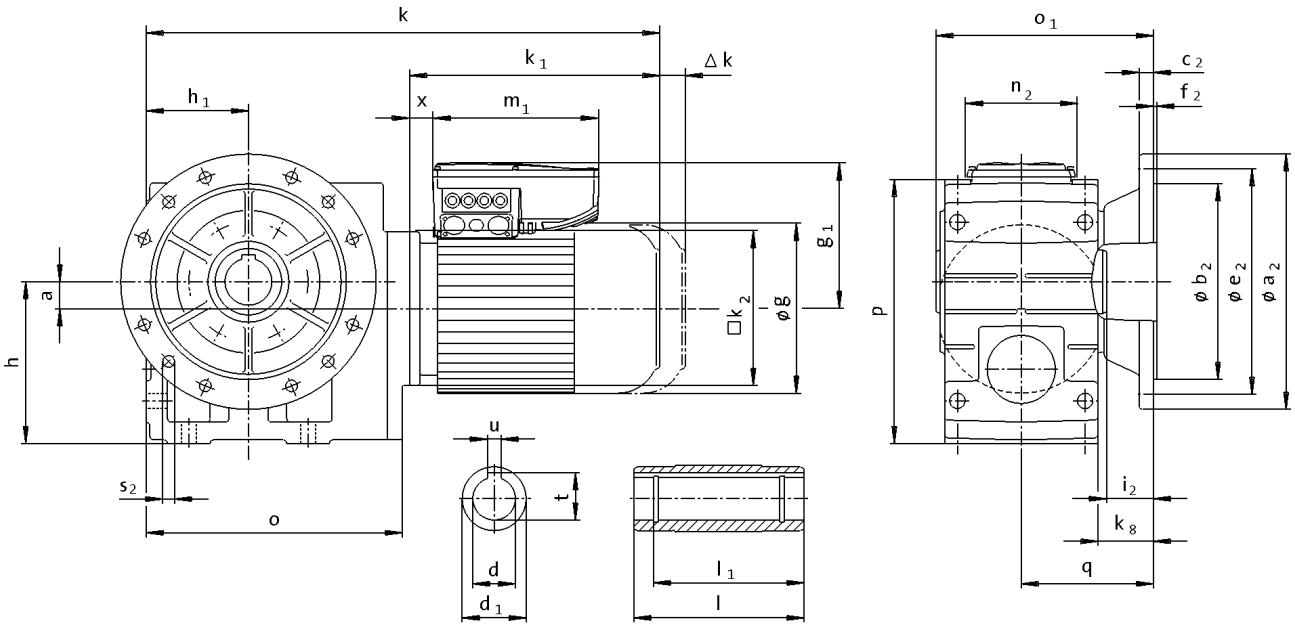
	a	$h^{1)}$	h_1	o	$p^{1)}$
GKS04	20	100	71	203	171
GKS05	23	125	80	232	205
GKS06	28	150	100	291	250
GKS07	34	190	120	354	310
GKS09	41	236	150	429	386
GKS11	54	300	185	527	485

	d	d_1	$l^{1)}$	l_1	u	t	i_1	a_1	b_1	e_1	f_1	s_1
	H7				JS9	+0,2			H7			
GKS04	25 30	45 45	115 115	100 100	8 8	28.3 33.3	2.5 2.5	104	75	90	3	M6x12
GKS05	30 35	50 50	140 140	124 124	8 10	33.3 38.3	4 4	118	80	100	4	M8x15
GKS06	40 45	65 65	160 160	140 140	12 14	43.3 48.8	5 5	140	100	120	4	M10x16
GKS07	50 55	75 75	200 200	175 175	14 16	53.8 59.3	5 5	165	115	140	5	M12x18
GKS09	60 70	95 95	240 240	210 210	18 20	64.4 74.9	5 5	205	145	175	6	M16x24
GKS11	70 80	105 105	290 290	250 250	20 22	74.9 85.4	6 6	240	140	205	6	M20x32

	a_5	a_6	b_5	b_6	b_7	c_5	e_5	f_5	f_6	m	n	s_5
GKS04	45	45	110	119	85	14	105	132	141	21	22	9
GKS05	47.5	47.5	115	140	105	17	127	144	169	21	29	11
GKS06	60	60	155	170	120	20	145	191	206	23	36	14
GKS07	70	70	190	210	150	25	180	235	255	28	45	18
GKS09	90	90	240	266	185	30	222	300	326	37	60	22
GKS11	105	105	290	325	225	40	270	363	398	43	73	26

[1)] k_2 !

GKS□□-3M HAK


k
k 1
Δ k
h 1
x
m 1
g 1
a
h
□k 2
ø g
u
t
s 2
o
d
d 1
l 1
l
o 1
c 2
f 2
n 2
p
ø b 2
ø e 2
ø a 2
i 2
k 8
q

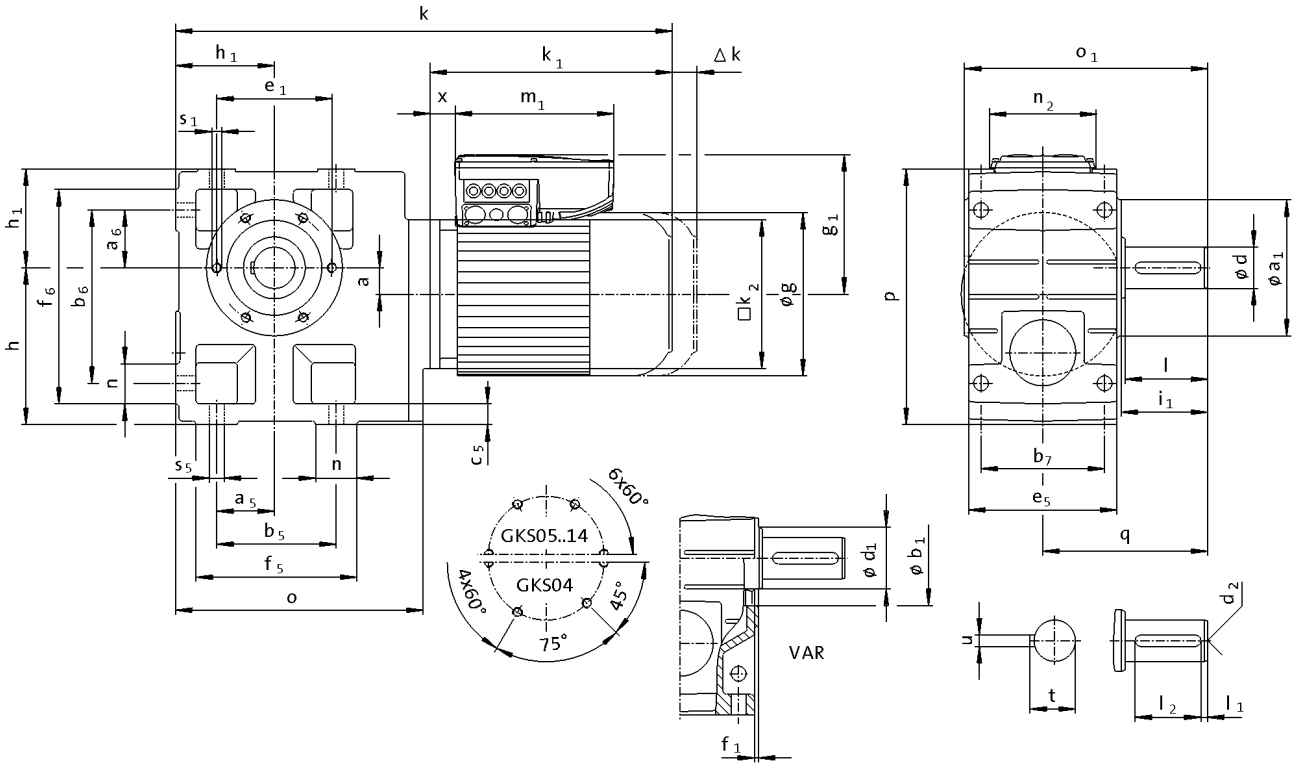
		063C32	063C42	071C32 071C42	080C32	080C42	090C32	100C12 100C32
g		123		139	156		176	194
$g_{1, 50Hz}$				163	172		177	217
$g_{1, 87Hz}$		154		163	172	201	205.5	
k_1	MDEMAXX	187		207	224.5		248	309
k_2		120			145		180	
x_{50Hz}				21	25.5		28.8	29.6
x_{87Hz}		18.8		21	25.5	24.5	27.8	
$m_{1, 50Hz}$					241			260
$m_{1, 87Hz}$		241				260		
$n_{2, 50Hz}$					161			176
$n_{2, 87Hz}$		161				176		
Δ k	MDEMABR	40		52	73		68	76
	MDFMAXX	128						109
	MDFMABR	170		165	183		181	170
		k						
GKS04		399		419	441		475	
GKS05			419	439	461		495	556
GKS06			475	495	517		551	612
GKS07					573		607	668
GKS09							678	739
GKS11								830

	a	h[1)]	h_1	k_8	o	p[1)]	q
GKS04	20	100	71	38.5	203	171	91
GKS05	23	125	80	40	232	205	103.5
GKS06	28	150	100	49	291	250	121.5
GKS07	34	190	120	65.5	354	310	155.5
GKS09	41	236	150	69.5	429	386	180.5
GKS11	54	300	185	70.5	527	485	205.5

	d	d_1	l	l_1	u	t	i_2	o_1[1)]	a_2	b_2	c_2	e_2	f_2	s_2
	H7				JS9	+0,2				j7				
GKS04	25 30	45 45	115 115	100 100	8 8	28.3 33.3	33 33	148.5 148.5	160	110	10	130	3.5	4 x 9
GKS05	30 35	50 50	140 140	124 124	8 10	33.3 38.3	33 33	173.5 173.5	200	130	12	165	4	4 x 11
GKS06	40 45	65 65	160 160	140 140	12 14	43.3 48.8	42 41	201.5 201.5	200 250	180 130	12 15	165 215	3.5 4	4 x 11 4 x 14
GKS07	50 55	75 75	200 200	175 175	14 16	53.8 59.3	55 55	255.5 255.5	250 300	180 230	15 17	215 265	4 4	4 x 14 4 x 14
GKS09	60 70	95 95	240 240	210 210	18 20	64.4 74.9	60 60	300.5 300.5	350	250	18	300	4	4 x 17.5
GKS11	70 80	105 105	290 290	250 250	20 22	74.9 85.4	60 60	350.5 350.5	400 450	300 350	20 22	350 400	5 5	4 x 17.5 8 x 17.5

[1)] k_2 !

GKS□□-3M V□R


k
h 1
k 1
Δ k
e 1
x
m 1
s 1
o 1
n 2
h 1
a 6
f 6
b 6
h
n
a
□k 2
ø g
g 1
p
ø d
ø a 1
l
i 1
b 7
e 5
q
s 5
n
a 5
b 5
f 5
o
c 5
6x60°
GKS05..14
GKS04
4x60°
45°
75°
ø d1
ø b 1
VAR
f 1
u
t
d 2
l 2
l 1

6

		063C32	063C42	071C32 071C42	080C32	080C42	090C32	100C12 100C32
g		123		139	156		176	194
$g_{1, 50Hz}$				163	172		177	217
$g_{1, 87Hz}$		154		163	172	201	205.5	
k_1	MDEMAXX	187		207	224.5		248	309
k_2		120			145		180	
x_{50Hz}				21	25.5		28.8	29.6
x_{87Hz}		18.8		21	25.5	24.5	27.8	
$m_{1, 50Hz}$				241				260
$m_{1, 87Hz}$		241				260		
$n_{2, 50Hz}$				161				176
$n_{2, 87Hz}$		161				176		
Δ k	MDEMABR	40		52	73		68	76
	MDFMAXX	128						109
	MDFMABR	170		165	183		181	
		k						
GKS04		399		419	441		475	
GKS05			419	439	461		495	556
GKS06			475	495	517		551	612
GKS07					573		607	668
GKS09							678	739
GKS11								830

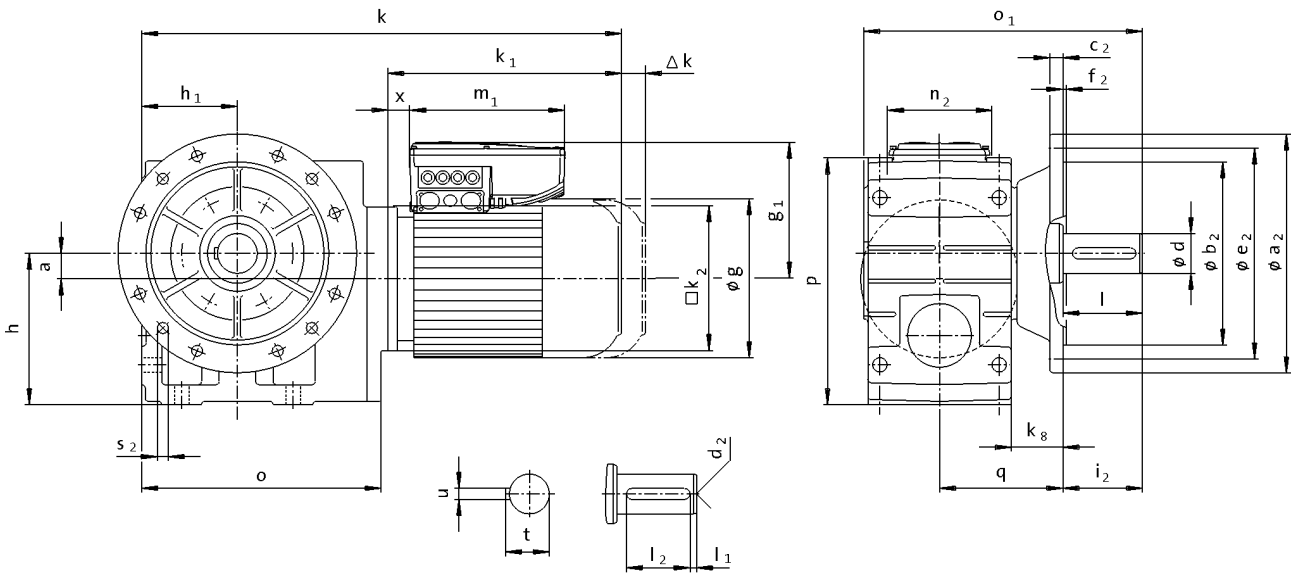
	a	h[1)]	h_1	o	p[1)]	q
GKS04	20	100	71	203	171	107.5
GKS05	23	125	80	232	205	130
GKS06	28	150	100	291	250	160
GKS07	34	190	120	354	310	200
GKS09	41	236	150	429	386	240
GKS11	54	300	185	527	485	305

	d	d	d_1	d_2	l	l_1	l_2	u	t	i_1	o_1[1)]	a_1	b_1	e_1	f_1	s_1
	k6	m6											H7			
GKS04	25		45	M10	50	6	40	8	28	52.5	162.5	104	75	90	3	M6x12
GKS05	30		45	M10	60	6	45	8	33	64	196.5	118	80	100	4	M8x15
GKS06	40		65	M16	80	7	63	12	43	85	235.5	140	100	120	4	M10x16
GKS07	50		75	M16	100	8	80	14	53.5	105	295.5	165	115	140	5	M12x18
GKS09		60	95	M20	120	8	100	18	64	125	355.5	205	145	175	6	M16x24
GKS11		80	105	M20	160	15	125	22	85	166	444.5	240	140	205	6	M20x32

	a_5	a_6	b_5	b_6	b_7	c_5	e_5	f_5	f_6	m	n	s_5
GKS04	45	45	110	119	85	14	105	132	141	21	22	9
GKS05	47.5	47.5	115	140	105	17	127	144	169	21	29	11
GKS06	60	60	155	170	120	20	145	191	206	23	36	14
GKS07	70	70	190	210	150	25	180	235	255	28	45	18
GKS09	90	90	240	266	185	30	222	300	326	37	60	22
GKS11	105	105	290	325	225	40	270	363	398	43	73	26

[1)] k_2 !

GKS□□-3M VAK


k
k 1
Δ k
h 1
x
m 1
g 1
a
h
□k 2
ø g
s 2
o
u
t
d 2
l 2
l 1
o 1
c 2
f 2
n 2
p
ø d
ø b 2
ø e 2
ø a 2
l
k 8
q
i 2

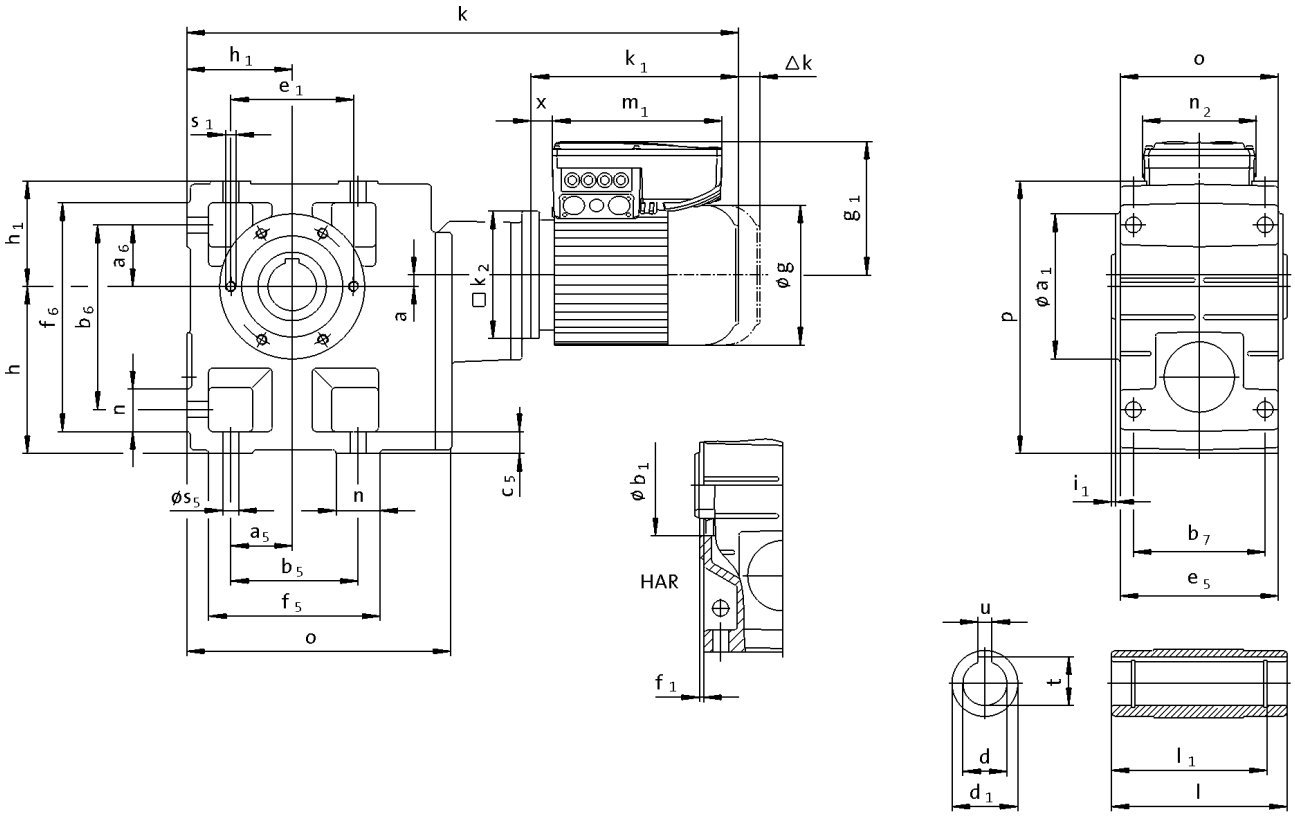
		063C32	063C42	071C32 071C42	080C32	080C42	090C32	100C12 100C32
g		123		139	156		176	194
$g_{1,\ 50Hz}$				163	172		177	217
$g_{1,\ 87Hz}$		154		163	172	201	205.5	
k_1	MDEMAXX	187		207	224.5		248	309
k_2		120			145		180	
x_{50Hz}				21	25.5		28.8	29.6
x_{87Hz}		18.8		21	25.5	24.5	27.8	
$m_{1,\ 50Hz}$				241				260
$m_{1,\ 87Hz}$		241				260		
$n_{2,\ 50Hz}$				161				176
$n_{2,\ 87Hz}$		161				176		
Δ k	MDEMABR	40		52	73		68	76
	MDFMAXX	128						109
	MDFMABR	170		165	183		181	170
		k						
GKS04		399		419	441		475	
GKS05			419	439	461		495	556
GKS06			475	495	517		551	612
GKS07					573		607	668
GKS09							678	739
GKS11								830

	a	h[1)]	h_1	k_8	o	p[1)]	q
GKS04	20	100	71	38.5	203	171	91
GKS05	23	125	80	40	232	205	103.5
GKS06	28	150	100	49	291	250	121.5
GKS07	34	190	120	65.5	354	310	155.5
GKS09	41	236	150	69.5	429	386	180.5
GKS11	54	300	185	70.5	527	485	205.5

	d	d	d_2	l	l_1	l_2	u	t	i_2	o_1[1)]	a_2	b_2	c_2	e_2	f_2	s_2
	k6	m6										j7				
GKS04	25		M10	50	6	40	8	28	50	195.5	160	110	10	130	3.5	4 x 9
GKS05	30		M10	60	6	45	8	33	60	229.5	200	130	12	165	4	4 x 11
GKS06	40		M16	80	7	63	12	43	80	276.5	250	180	15	215	4	4 x 14
GKS07	50		M16	100	8	80	14	53.5	100	350.5	250 300	180 230	15 17	215 265	4 4	4 x 14 4 x 14
GKS09		60	M20	120	8	100	18	64	120	415.5	350	250	18	300	4	4 x 17.5
GKS11		80	M20	160	15	125	22	85	160	504.5	400 450	300 350	20 22	350 400	5 5	4 x 17.5 8 x 17.5

[1)] k_2 !

GKS□□-4M H□R



		063C32	063C42	071C32	071C42
g		123		139	
$g_{1, 50Hz}$				163	
$g_{1, 87Hz}$		154		163	
k_1	MDEMAXX	187		207	
k_2		120			
x_{50Hz}				21	
x_{87Hz}		18.8		21	
$m_{1, 50Hz}$				241	
$m_{1, 87Hz}$		241			
$n_{2, 50Hz}$				161	
$n_{2, 87Hz}$		161			
Δ k	MDEMABR	40		52	
	MDFMAXX	128			
	MDFMABR	170		165	
		k			
GKS05		495		515	
GKS06		568		588	
GKS07			635	655	
GKS09			724	744	

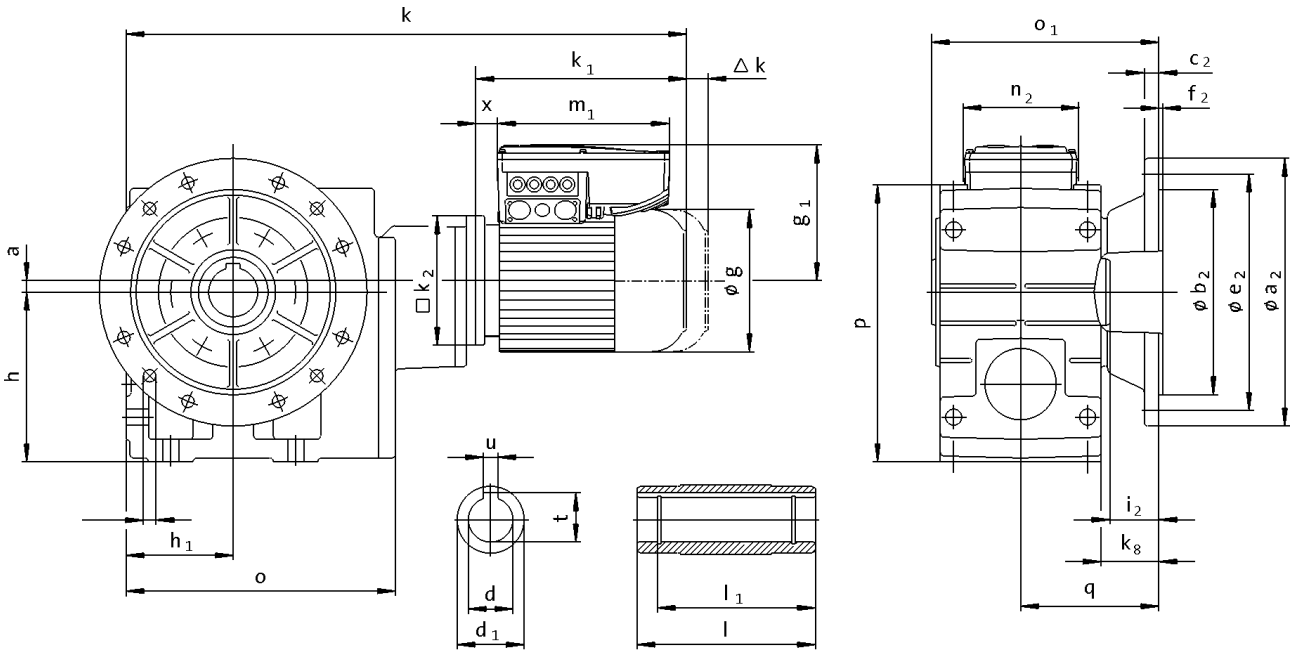
		080C32	080C42	090C32	100C12	100C32
g		156		176	194	
$g_{1, 50Hz}$		172		177	217	
$g_{1, 87Hz}$		172	201	205.5		
k_1	MDEMAXX	224.5		248	309	
k_2		145		180		
x_{50Hz}		25.5		28.8	29.6	
x_{87Hz}		25.5	24.5	27.8		
$m_{1, 50Hz}$		241			260	
$m_{1, 87Hz}$		241	260			
$n_{2, 50Hz}$		161			176	
$n_{2, 87Hz}$		161	176			
Δ k	MDEMABR	73		68	76	
	MDFMAXX	128			109	
	MDFMABR	183		181	170	
		k				
GKS06		611				
GKS07		678		711	772	
GKS09		767		800	861	
GKS11		877		910	971	
GKS14				1043	1104	

	a	h	h_1	o	p
GKS05	13	125	80	226	205
GKS06	8	150	100	288	250
GKS07	11	190	120	350.5	310
GKS09	15	236	150	426	386
GKS11	16	300	185	523	485
GKS14	22	375	230	632	605

	d	d_1	l	l_1	u	t	i_1	a_1	b_1	e_1	f_1	s_1
	H7				JS9	+0,2			H7			
GKS05	30 35	50 50	140 140	124 124	8 10	33.3 38.3	4 4	118	80	100	4	M8x15
GKS06	40 45	65 65	160 160	140 140	12 14	43.3 48.8	5 5	140	100	120	4	M10x16
GKS07	50 55	75 75	200 200	175 175	14 16	53.8 59.3	5 5	165	115	140	5	M12x18
GKS09	60 70	95 95	240 240	210 210	18 20	64.4 74.9	5 5	205	145	175	6	M16x24
GKS11	70 80	105 105	290 290	250 250	20 22	74.9 85.4	6 6	240	140	205	6	M20x32
GKS14	100	135	350	305	28	106.4	7	290	170	250	6	M24x35

	a_5	a_6	b_5	b_6	b_7	c_5	e_5	f_5	f_6	m	n	s_5
GKS05	47.5	47.5	115	140	105	17	127	144	169	21	29	11
GKS06	60	60	155	170	120	20	145	191	206	23	36	14
GKS07	70	70	190	210	150	25	180	235	255	28	45	18
GKS09	90	90	240	266	185	30	222	300	326	37	60	22
GKS11	105	105	290	325	225	40	270	363	398	43	73	26
GKS14	135	135	360	415	275	50	328	442	497	52	82	33

GKS□□-4M H□R



		063C32	063C42	071C32	071C42
g		123		139	
$g_{1, 50Hz}$				163	
$g_{1, 87Hz}$		154		163	
k_1	MDEMAXX	187		207	
k_2		120			
x_{50Hz}				21	
x_{87Hz}		18.8		21	
$m_{1, 50Hz}$				241	
$m_{1, 87Hz}$		241			
$n_{2, 50Hz}$				161	
$n_{2, 87Hz}$		161			
Δ k	MDEMABR	40		52	
	MDFMAXX	128			
	MDFMABR	170		165	
		k			
GKS05		495		515	
GKS06		568		588	
GKS07		635		655	
GKS09		724		744	

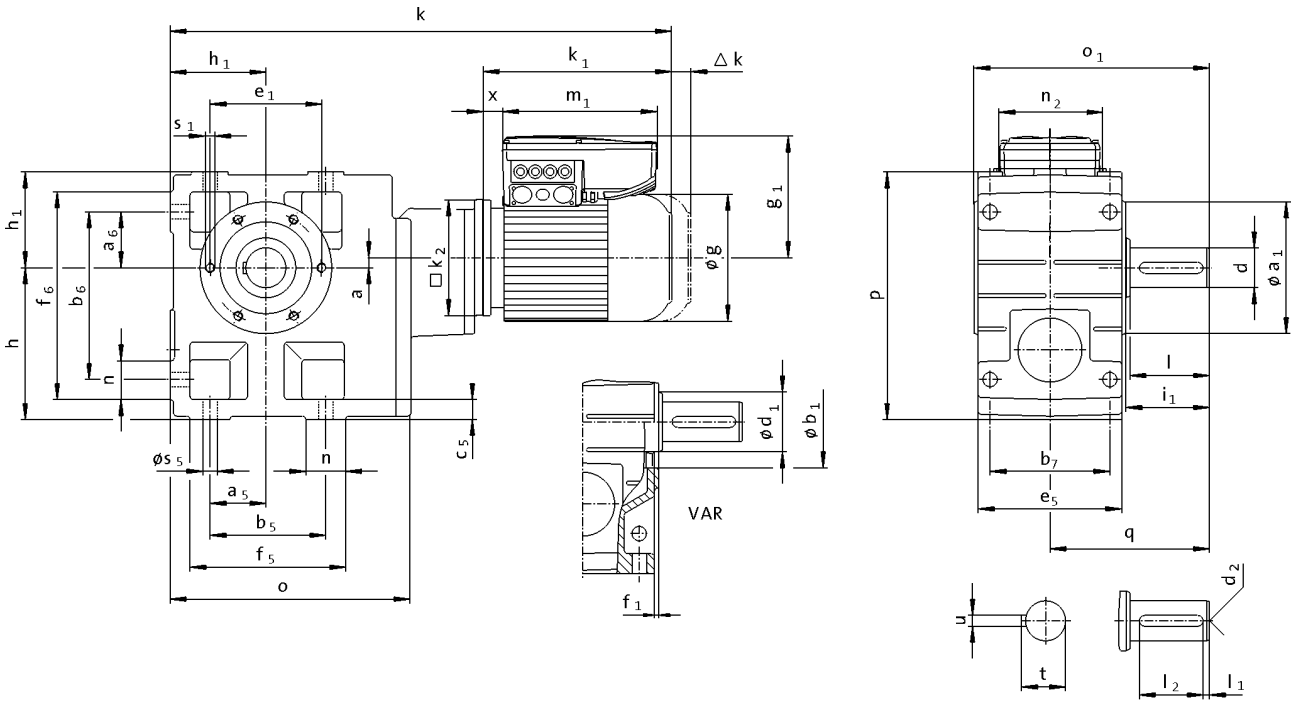
6

		080C32	080C42	090C32	100C12	100C32
g		156		176	194	
$g_{1, 50Hz}$		172		177	217	
$g_{1, 87Hz}$		172	201	205.5		
k_1	MDEMAXX	224.5		248	309	
k_2		145		180		
x_{50Hz}		25.5		28.8	29.6	
x_{87Hz}		25.5	24.5	27.8		
$m_{1, 50Hz}$		241			260	
$m_{1, 87Hz}$		241	260			
$n_{2, 50Hz}$		161			176	
$n_{2, 87Hz}$		161	176			
Δ k	MDEMABR	73		68	76	
	MDFMAXX	128			109	
	MDFMABR	183		181	170	
		k				
GKS06		611				
GKS07		678		711	772	
GKS09		767		800	861	
GKS11		877		910	971	
GKS14				1043	1104	

	a	h	h_1	k_8	o	p	q
GKS05	13	125	80	40	226	205	103.5
GKS06	8	150	100	49	288	250	121.5
GKS07	11	190	120	65.5	350.5	310	155.5
GKS09	15	236	150	69.5	426	386	180.5
GKS11	16	300	185	70.5	523	485	205.5
GKS14	22	375	230	71.5	632	605	235.5

	d	d_1	l	l_1	u	t	i_2	o_1	a_2	b_2	c_2	e_2	f_2	s_2
	H7				JS9	+0,2				j7				
GKS05	30 35	50 50	140 140	124 124	8 10	33.3 38.3	33 33	173.5 173.5	200	130	12	165	4	4 x 11
GKS06	40 45	65 65	160 160	140 140	12 14	43.3 48.8	42 41	201.5 201.5	200 250	180 130	12 15	165 215	3.5 4	4 x 11 4 x 14
GKS07	50 55	75 75	200 200	175 175	14 16	53.8 59.3	55 55	255.5 255.5	250 300	180 230	15 17	215 265	4 4	4 x 14 4 x 14
GKS09	60 70	95 95	240 240	210 210	18 20	64.4 74.9	60 60	300.5 300.5	350	250	18	300	4	4 x 17.5
GKS11	70 80	105 105	290 290	250 250	20 22	74.9 85.4	60 60	350.5 350.5	400 450	300 350	20 22	350 400	5 5	4 x 17.5 8 x 17.5
GKS14	100	135	350	305	28	106.4	60	410.5	450	350	22	400	5	8 x 18.5

GKS□□-4M V□R



		063C32	063C42	071C32	071C42
g		123		139	
$g_{1, 50Hz}$				163	
$g_{1, 87Hz}$		154		163	
k_1	MDEMAXX	187		207	
k_2		120			
x_{50Hz}				21	
x_{87Hz}		18.8		21	
$m_{1, 50Hz}$				241	
$m_{1, 87Hz}$		241			
$n_{2, 50Hz}$				161	
$n_{2, 87Hz}$		161			
Δ k	MDEMABR	40		52	
	MDFMAXX	128			
	MDFMABR	170		165	
		k			
GKS05		495		515	
GKS06		568		588	
GKS07			635	655	
GKS09			724	744	

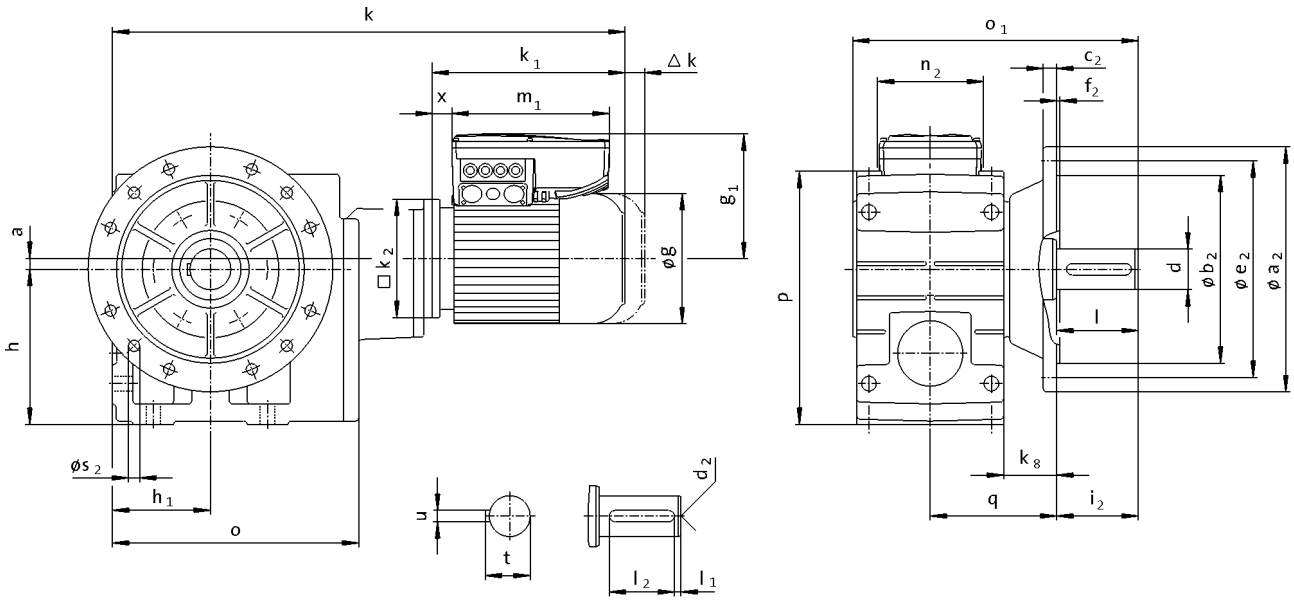
		080C32	080C42	090C32	100C12	100C32
g		156		176	194	
$g_{1, 50Hz}$		172		177	217	
$g_{1, 87Hz}$		172	201	205.5		
k_1	MDEMAXX	224.5		248	309	
k_2		145		180		
x_{50Hz}		25.5		28.8	29.6	
x_{87Hz}		25.5	24.5	27.8		
$m_{1, 50Hz}$		241			260	
$m_{1, 87Hz}$		241	260			
$n_{2, 50Hz}$		161			176	
$n_{2, 87Hz}$		161	176			
Δ k	MDEMABR	73		68	76	
	MDFMAXX	128			109	
	MDFMABR	183		181	170	
		k				
GKS06		611				
GKS07		678		711	772	
GKS09		767		800	861	
GKS11		877		910	971	
GKS14				1043	1104	

	a	h	h_1	o	p	q
GKS05	13 23	125	80	226 232	205	130
GKS06	28 8	150	100	288 291	250	160
GKS07	11 34	190	120	350.5 354	310	200
GKS09	15 41	236	150	426 429	386	240
GKS11	16 54	300	185	523 527	485	305
GKS14	22	375	230	632	605	375

	d	d	d_1	d_2	l	l_1	l_2	u	t	i_1	o_1	a_1	b_1	e_1	f_1	s_1
	k6	m6											H7			
GKS05	30		45	M10	60	6	45	8	33	64	196.5	118	80	100	4	M8x15
GKS06	40		65	M16	80	7	63	12	43	85	235.5	140	100	120	4	M10x16
GKS07	50		75	M16	100	8	80	14	53.5	105	295.5	165	115	140	5	M12x18
GKS09		60	95	M20	120	8	100	18	64	125	355.5	205	145	175	6	M16x24
GKS11		80	105	M20	160	15	125	22	85	166	444.5	240	140	205	6	M20x32
GKS14		100	135	M24	200	18	160	28	106	207	543.5	290	170	250	6	M24x35

	a_5	a_6	b_5	b_6	b_7	c_5	e_5	f_5	f_6	m	n	s_5
GKS05	47.5	47.5	115	140	105	17	127	144	169	21	29	11
GKS06	60	60	155	170	120	20	145	191	206	23	36	14
GKS07	70	70	190	210	150	25	180	235	255	28	45	18
GKS09	90	90	240	266	185	30	222	300	326	37	60	22
GKS11	105	105	290	325	225	40	270	363	398	43	73	26
GKS14	135	135	360	415	275	50	328	442	497	52	82	33

GKS□□-4M VAK



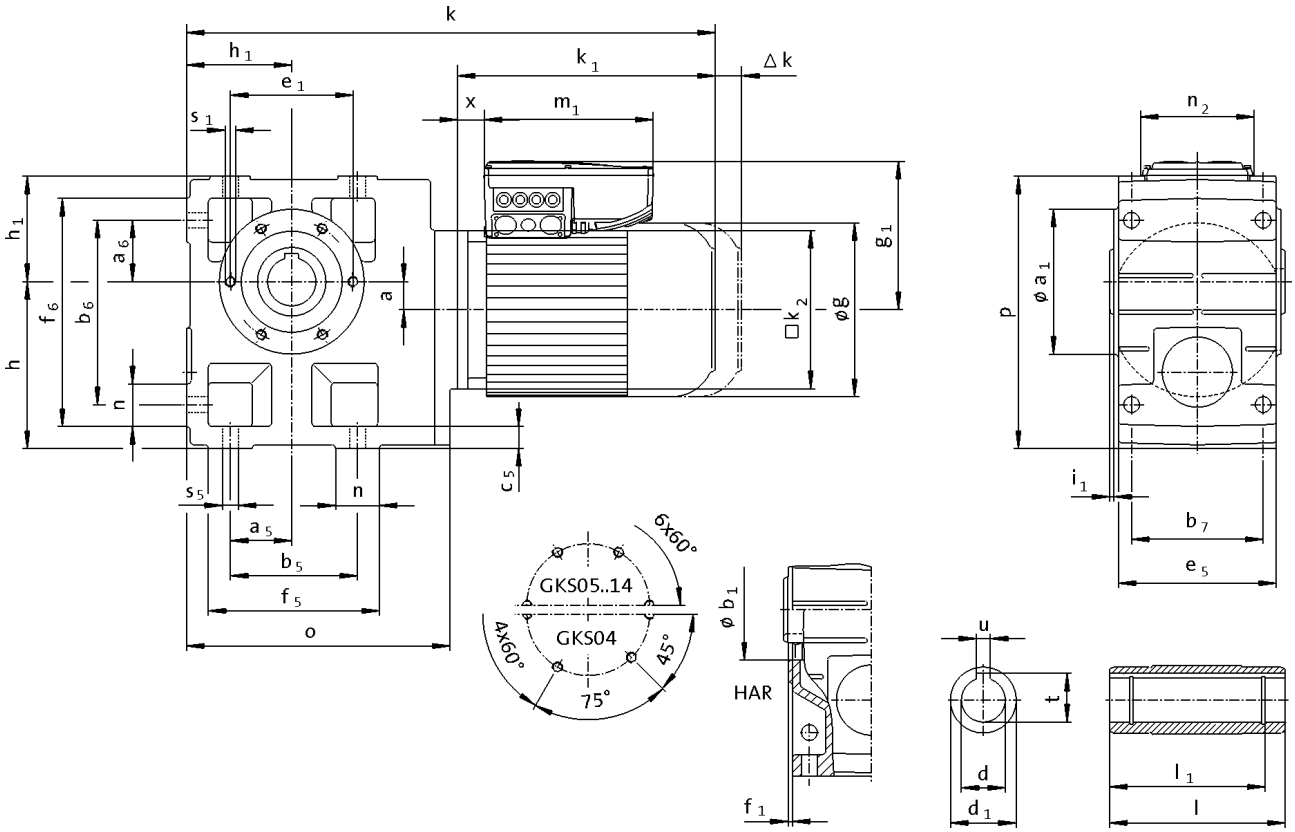
		063C32	063C42	071C32	071C42
g		123		139	
$g_{1, 50Hz}$				163	
$g_{1, 87Hz}$		154		163	
k_1	MDEMAXX	187		207	
k_2		120			
x_{50Hz}				21	
x_{87Hz}		18.8		21	
$m_{1, 50Hz}$				241	
$m_{1, 87Hz}$		241			
$n_{2, 50Hz}$				161	
$n_{2, 87Hz}$		161			
Δ k	MDEMABR	40		52	
	MDFMAXX	128			
	MDFMABR	170		165	
		k			
GKS05		495		515	
GKS06		568		588	
GKS07			635	655	
GKS09			724	744	

		080C32	080C42	090C32	100C12	100C32
g		156		176	194	
$g_{1, 50Hz}$		172		177	217	
$g_{1, 87Hz}$		172	201	205.5		
k_1	MDEMAXX	224.5		248	309	
k_2		145			180	
x_{50Hz}		25.5		28.8	29.6	
x_{87Hz}		25.5	24.5	27.8		
$m_{1, 50Hz}$		241			260	
$m_{1, 87Hz}$		241	260			
$n_{2, 50Hz}$		161			176	
$n_{2, 87Hz}$		161	176			
Δ k	MDEMABR	73		68	76	
	MDFMAXX	128			109	
	MDFMABR	183		181	170	
		k				
GKS06		611				
GKS07		678		711	772	
GKS09		767		800	861	
GKS11		877		910	971	
GKS14				1043	1104	

	a	h	h_1	k_8	o	p	q
GKS05	13	125	80	40	226	205	103.5
GKS06	8	150	100	49	288	250	121.5
GKS07	11	190	120	65.5	350.5	310	155.5
GKS09	15	236	150	69.5	426	386	180.5
GKS11	16	300	185	70.5	523	485	205.5
GKS14	22	375	230	71.5	632	605	235.5

	d	d	d_2	l	l_1	l_2	u	t	i_2	o_1	a_2	b_2	c_2	e_2	f_2	s_2
	k6	m6										j7				
GKS05	30		M10	60	6	45	8	33	60	229.5	200	130	12	165	4	4 x 11
GKS06	40		M16	80	7	63	12	43	80	276.5	250	180	15	215	4	4 x 14
GKS07	50		M16	100	8	80	14	53.5	100	350.5	250 300	180 230	15 17	215 265	4 4	4 x 14 4 x 14
GKS09		60	M20	120	8	100	18	64	120	415.5	350	250	18	300	4	4 x 17.5
GKS11		80	M20	160	15	125	22	85	160	504.5	400 450	300 350	20 22	350 400	5 5	4 x 17.5 8 x 17.5
GKS14		100	M24	200	18	160	28	106	200	603.5	450	350	22	400	5	8 x 18.5

GKS□□-3M H□R


k
h 1
e 1
s 1
k 1
Δ k
x
m 1
h 1
a 6
f 6
b 6
h
n
a
□k 2
øg
g 1
c 5
s 5
n
a 5
b 5
f 5
o
6x60°
GKS05..14
GKS04
4x60°
45°
75°
ø b 1
HAR
f 1
n 2
p
ø a 1
i 1
b 7
e 5
u
t
d
d 1
l 1
l

		063C32	063C42	071C32 071C42	080C32 080C42
g		123		139	156
$g_{1, 120Hz}$		154		163	201
k_1	MFEMAXX	187		207	224.5
k_2		120			145
x_{120Hz}		18.8		21	24.5
$m_{1, 120Hz}$		241			260
$n_{2, 120Hz}$		161			176
Δ k	MFEMABR	40		52	
	MFFMAXX	128			
	MFFMABR	170		165	
		k			
GKS04		399		419	441
GKS05		419		439	461
GKS06			475	495	517
GKS07					573

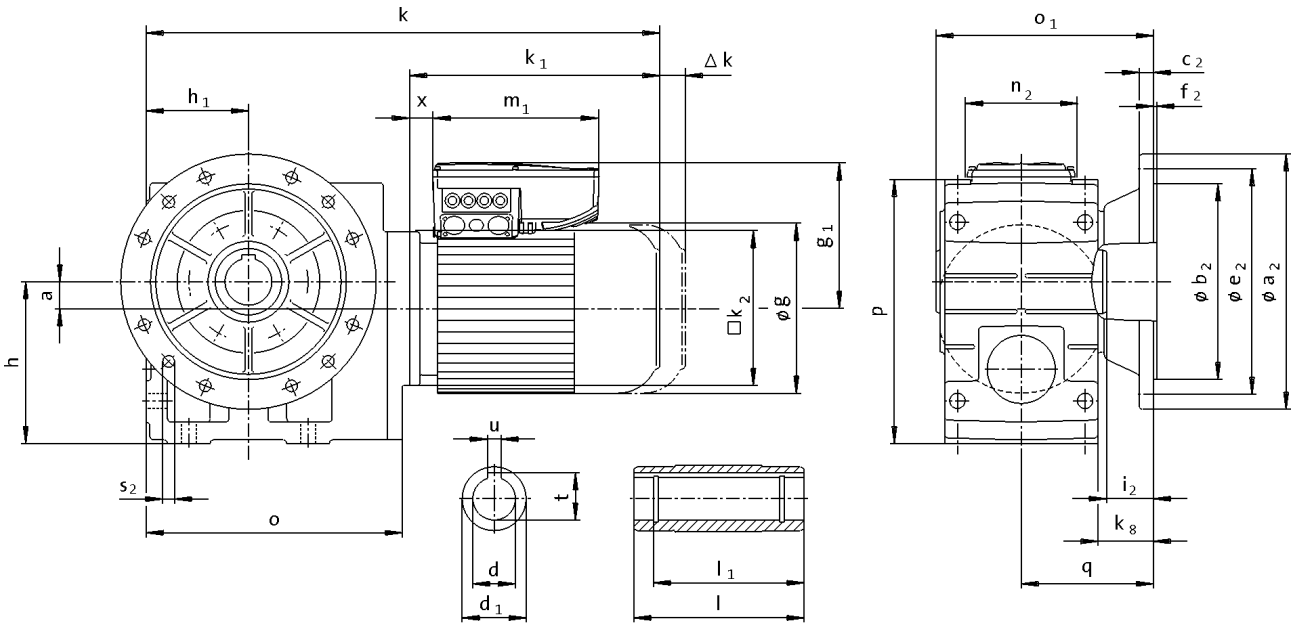
	a	h[1)]	h_1	o	p[1)]
GKS04	20	100	71	203	171
GKS05	23	125	80	232	205
GKS06	28	150	100	291	250
GKS07	34	190	120	354	310

	d	d_1	l[1)]	l_1	u	t	i_1	a_1	b_1	e_1	f_1	s_1
	H7				JS9	+0,2			H7			
GKS04	25 30	45 45	115 115	100 100	8 8	28.3 33.3	2.5 2.5	104	75	90	3	M6x12
GKS05	30 35	50 50	140 140	124 124	8 10	33.3 38.3	4 4	118	80	100	4	M8x15
GKS06	40 45	65 65	160 160	140 140	12 14	43.3 48.8	5 5	140	100	120	4	M10x16
GKS07	50 55	75 75	200 200	175 175	14 16	53.8 59.3	5 5	165	115	140	5	M12x18

	a_5	a_6	b_5	b_6	b_7	c_5	e_5	f_5	f_6	m	n	s_5
GKS04	45	45	110	119	85	14	105	132	141	21	22	9
GKS05	47.5	47.5	115	140	105	17	127	144	169	21	29	11
GKS06	60	60	155	170	120	20	145	191	206	23	36	14
GKS07	70	70	190	210	150	25	180	235	255	28	45	18

[1)] k_2 !

GKS□□-3M HAK


k
k 1
Δ k
h 1
x
m 1
g 1
a
h
□k 2
ø g
u
t
s 2
o
d
d 1
l 1
l
o 1
c 2
f 2
n 2
p
ø b 2
ø e 2
ø a 2
i 2
k 8
q

6

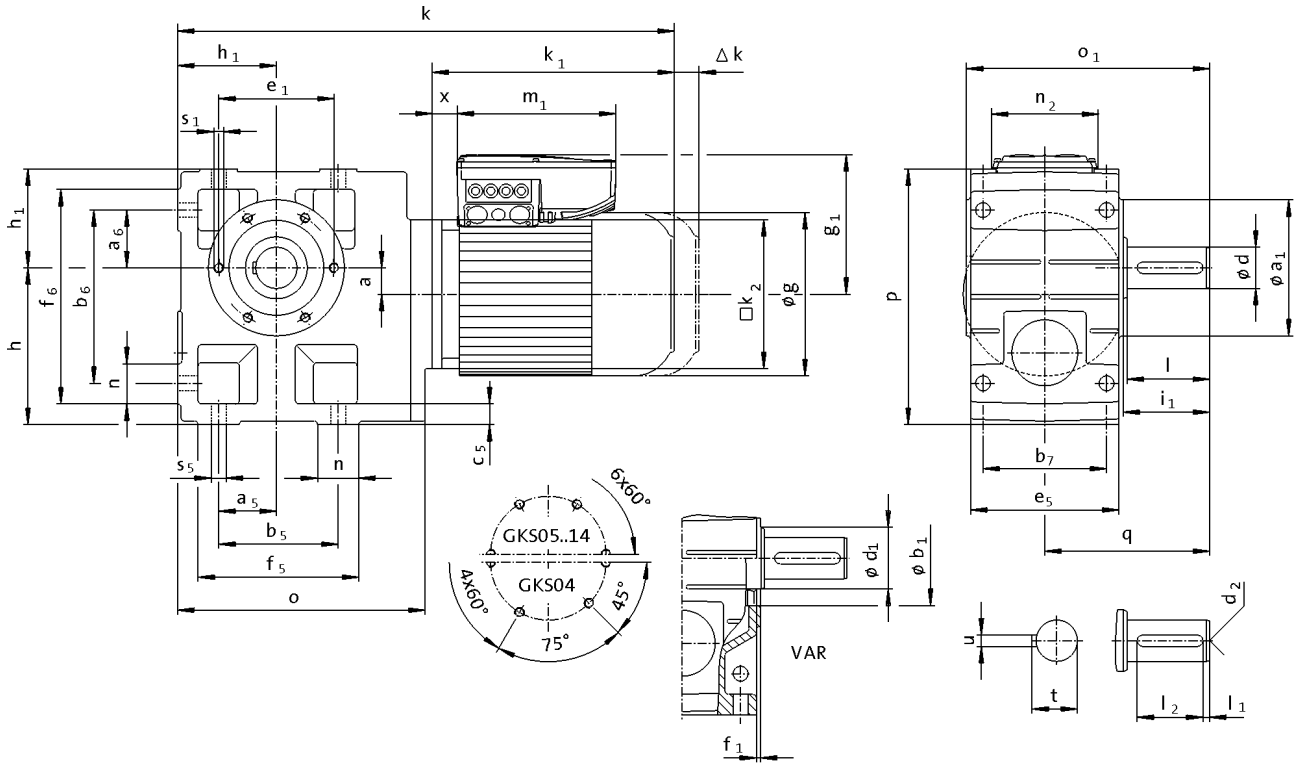
		063C32	063C42	071C32 071C42	080C32 080C42
g		123		139	156
$g_{1,\ 120Hz}$		154		163	201
k_1	MFEMAXX	187		207	224.5
k_2		120			145
x_{120Hz}		18.8		21	24.5
$m_{1,\ 120Hz}$		241			260
$n_{2,\ 120Hz}$		161			176
Δ k	MFEMABR	40		52	
	MFFMAXX	128			
	MFFMABR	170		165	
		k			
GKS04		399		419	441
GKS05		419		439	461
GKS06			475	495	517
GKS07					573

	a	h[1)]	h_1	k_8	o	p[1)]	q
GKS04	20	100	71	38.5	203	171	91
GKS05	23	125	80	40	232	205	103.5
GKS06	28	150	100	49	291	250	121.5
GKS07	34	190	120	65.5	354	310	155.5

	d	d_1	l	l_1	u	t	i_2	o_1[1)]	a_2	b_2	c_2	e_2	f_2	s_2
	H7				JS9	+0,2				j7				
GKS04	25 30	45 45	115 115	100 100	8 8	28.3 33.3	33 33	148.5 148.5	160	110	10	130	3.5	4 x 9
GKS05	30 35	50 50	140 140	124 124	8 10	33.3 38.3	33 33	173.5 173.5	200	130	12	165	4	4 x 11
GKS06	40 45	65 65	160 160	140 140	12 14	43.3 48.8	42 41	201.5 201.5	200 250	180 130	12 15	165 215	3.5 4	4 x 11 4 x 14
GKS07	50 55	75 75	200 200	175 175	14 16	53.8 59.3	55 55	255.5 255.5	250 300	180 230	15 17	215 265	4 4	4 x 14 4 x 14

[1)] k_2 !

GKS□□-3M V□R


k
h 1
k 1
Δ k
e 1
x
m 1
s 1
o 1
n 2
h 1
a 6
f 6
b 6
h
n
a
□k 2
ø g
g 1
p
ø d
ø a 1
l
i 1
b 7
e 5
q
s 5
n
a 5
b 5
f 5
o
c 5
6x60°
GKS05..14
GKS04
4x60°
45°
75°
ø d1
ø b1
VAR
f 1
u
t
d 2
l 2
l 1

6

		063C32	063C42	071C32 071C42	080C32 080C42
g		123		139	156
$g_{1,\ 120Hz}$		154		163	201
k_1	MFEMAXX	187		207	224.5
k_2		120			145
x_{120Hz}		18.8		21	24.5
$m_{1,\ 120Hz}$		241			260
$n_{2,\ 120Hz}$		161			176
Δ k	MFEMABR	40		52	
	MFFMAXX	128			
	MFFMABR	170		165	
		k			
GKS04		399		419	441
GKS05		419		439	461
GKS06			475	495	517
GKS07					573

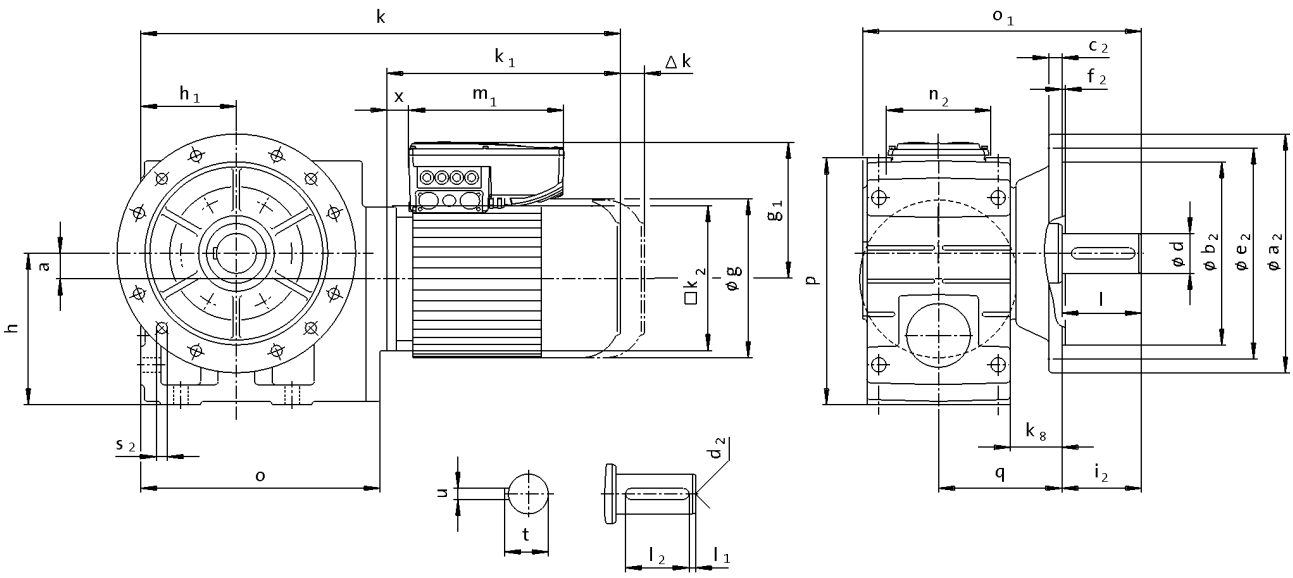
	a	$h^{1)}$	h_1	o	$p^{1)}$	q
GKS04	20	100	71	203	171	107.5
GKS05	23	125	80	232	205	130
GKS06	28	150	100	291	250	160
GKS07	34	190	120	354	310	200

	d	d_1	d_2	l	l_1	l_2	u	t	i_1	$o_1^{1)}$	a_1	b_1	e_1	f_1	s_1
	k6											H7			
GKS04	25	45	M10	50	6	40	8	28	52.5	162.5	104	75	90	3	M6x12
GKS05	30	45	M10	60	6	45	8	33	64	196.5	118	80	100	4	M8x15
GKS06	40	65	M16	80	7	63	12	43	85	235.5	140	100	120	4	M10x16
GKS07	50	75	M16	100	8	80	14	53.5	105	295.5	165	115	140	5	M12x18

	a_5	a_6	b_5	b_6	b_7	c_5	e_5	f_5	f_6	m	n	s_5
GKS04	45	45	110	119	85	14	105	132	141	21	22	9
GKS05	47.5	47.5	115	140	105	17	127	144	169	21	29	11
GKS06	60	60	155	170	120	20	145	191	206	23	36	14
GKS07	70	70	190	210	150	25	180	235	255	28	45	18

1) k_2 !

GKS□□-3M VAK


k
k 1
Δ k
h 1
x
m 1
g 1
a
h
□k 2
ø g
s 2
o
u
t
d 2
l 2
l 1
o 1
c 2
f 2
n 2
p
ø d
ø b 2
ø e 2
ø a 2
l
k 8
q
i 2

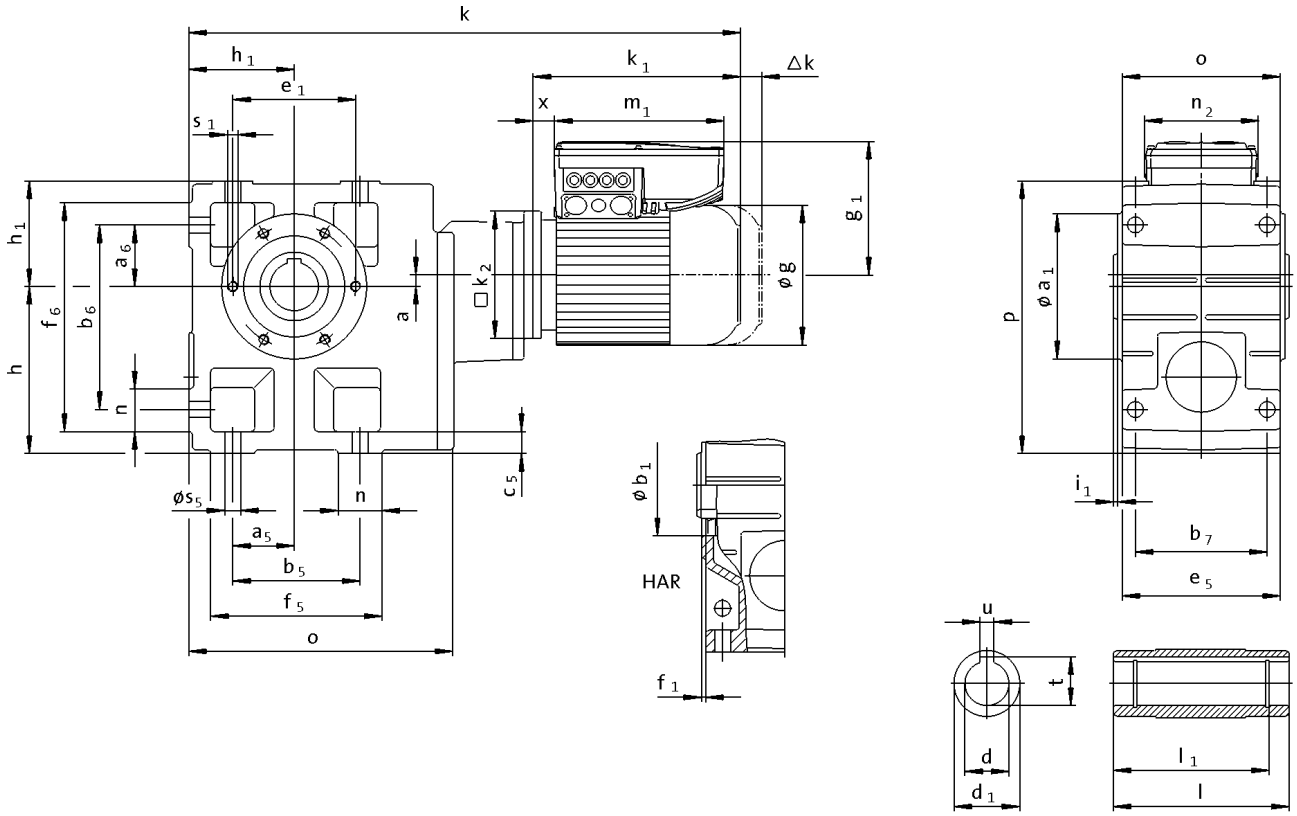
		063C32	063C42	071C32 071C42	080C32 080C42
g		123		139	156
$g_{1,\ 120Hz}$		154		163	201
k_1	MFEMAXX	187		207	224.5
k_2		120			145
x_{120Hz}		18.8		21	24.5
$m_{1,\ 120Hz}$		241			260
$n_{2,\ 120Hz}$		161			176
Δ k	MFEMABR	40		52	
	MFFMAXX	128			
	MFFMABR	170		165	
		k			
GKS04		399		419	441
GKS05		419		439	461
GKS06			475	495	517
GKS07					573

	a	h[1)]	h_1	k_8	o	p[1)]	q
GKS04	20	100	71	38.5	203	171	91
GKS05	23	125	80	40	232	205	103.5
GKS06	28	150	100	49	291	250	121.5
GKS07	34	190	120	65.5	354	310	155.5

	d	d_2	l	l_1	l_2	u	t	i_2	o_1[1)]	a_2	b_2	c_2	e_2	f_2	s_2
	k6										j7				
GKS04	25	M10	50	6	40	8	28	50	195.5	160	110	10	130	3.5	4 x 9
GKS05	30	M10	60	6	45	8	33	60	229.5	200	130	12	165	4	4 x 11
GKS06	40	M16	80	7	63	12	43	80	276.5	250	180	15	215	4	4 x 14
GKS07	50	M16	100	8	80	14	53.5	100	350.5	250 300	180 230	15 17	215 265	4 4	4 x 14 4 x 14

[1)] k_2 !

GKS□□-4M H□R


k
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e 1
s 1
k 1
△k
x
m 1
g 1
h 1
a 6
f 6
b 6
h
n
a
□k 2
ø g
ø a 1
p
o
n 2
i 1
b 7
e 5
ø s 5
n
a 5
b 5
f 5
o
c 5
ø b 1
HAR
f 1
u
t
d
d 1
l 1
l

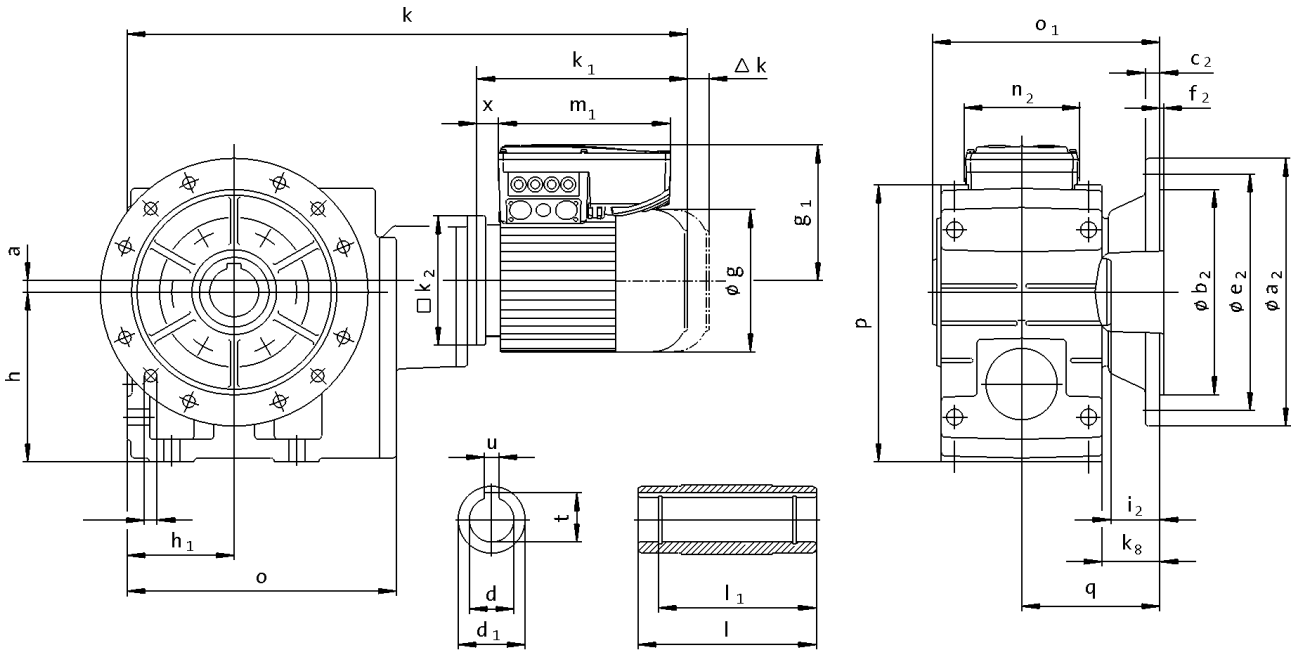
		063C32	063C42	071C32 071C42	080C32	080C42
g		123		139	156	
$g_{1,\ 120Hz}$		154		163	201	
k_1	MFEMAXX	187		207	224.5	
k_2		120			145	
x_{120Hz}		18.8		21	24.5	
$m_{1,\ 120Hz}$		241			260	
$n_{2,\ 120Hz}$		161			176	
Δ k	MFEMABR	40		52		
	MFFMAXX	128				
	MFFMABR	170		165		
		k				
GKS05		495				
GKS06		568		588	611	
GKS07		635		655	678	
GKS09			724	744	767	
GKS11					877	

	a	h	h_1	o	p
GKS05	13	125	80	226	205
GKS06	8	150	100	288	250
GKS07	11	190	120	350.5	310
GKS09	15	236	150	426	386
GKS11	16	300	185	523	485

	d	d_1	l	l_1	u	t	i_1	a_1	b_1	e_1	f_1	s_1
	H7				JS9	+0,2			H7			
GKS05	30 35	50 50	140 140	124 124	8 10	33.3 38.3	4 4	118	80	100	4	M8x15
GKS06	40 45	65 65	160 160	140 140	12 14	43.3 48.8	5 5	140	100	120	4	M10x16
GKS07	50 55	75 75	200 200	175 175	14 16	53.8 59.3	5 5	165	115	140	5	M12x18
GKS09	60 70	95 95	240 240	210 210	18 20	64.4 74.9	5 5	205	145	175	6	M16x24
GKS11	70 80	105 105	290 290	250 250	20 22	74.9 85.4	6 6	240	140	205	6	M20x32

	a_5	a_6	b_5	b_6	b_7	c_5	e_5	f_5	f_6	m	n	s_5
GKS05	47.5	47.5	115	140	105	17	127	144	169	21	29	11
GKS06	60	60	155	170	120	20	145	191	206	23	36	14
GKS07	70	70	190	210	150	25	180	235	255	28	45	18
GKS09	90	90	240	266	185	30	222	300	326	37	60	22
GKS11	105	105	290	325	225	40	270	363	398	43	73	26

GKS□□-4M H□R

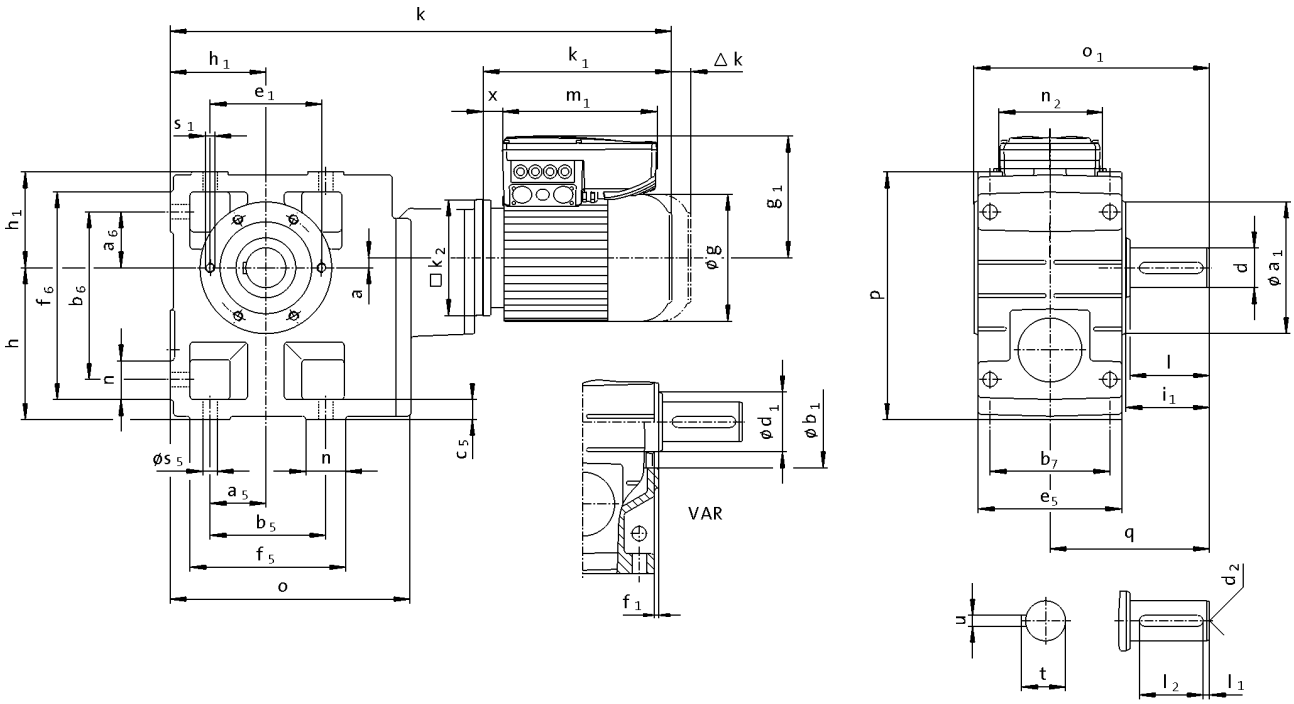

k
k 1
Δ k
x
m 1
g 1
a
h
□ k 2
ø g
u
t
h 1
o
d
d 1
l 1
l
o 1
c 2
n 2
f 2
p
ø b 2
ø e 2
ø a 2
i 2
k 8
q

		063C32	063C42	071C32 071C42	080C32	080C42
g		123		139	156	
$g_{1,\ 120Hz}$		154		163	201	
k_1	MFEMAXX	187		207	224.5	
k_2		120			145	
x_{120Hz}		18.8		21	24.5	
$m_{1,\ 120Hz}$		241			260	
$n_{2,\ 120Hz}$		161			176	
Δ k	MFEMABR	40		52		
	MFFMAXX	128				
	MFFMABR	170		165		
		k				
GKS05		495				
GKS06		568		588	611	
GKS07		635		655	678	
GKS09			724	744	767	
GKS11					877	

	a	h	h_1	k_8	o	p	q
GKS05	13	125	80	40	226	205	103.5
GKS06	8	150	100	49	288	250	121.5
GKS07	11	190	120	65.5	350.5	310	155.5
GKS09	15	236	150	69.5	426	386	180.5
GKS11	16	300	185	70.5	523	485	205.5

	d	d_1	l	l_1	u	t	i_2	o_1	a_2	b_2	c_2	e_2	f_2	s_2
	H7				JS9	+0,2				j7				
GKS05	30 35	50 50	140 140	124 124	8 10	33.3 38.3	33 33	173.5 173.5	200	130	12	165	4	4 x 11
GKS06	40 45	65 65	160 160	140 140	12 14	43.3 48.8	42 41	201.5 201.5	200 250	180 130	12 15	165 215	3.5 4	4 x 11 4 x 14
GKS07	50 55	75 75	200 200	175 175	14 16	53.8 59.3	55 55	255.5 255.5	250 300	180 230	15 17	215 265	4 4	4 x 14 4 x 14
GKS09	60 70	95 95	240 240	210 210	18 20	64.4 74.9	60 60	300.5 300.5	350	250	18	300	4	4 x 17.5
GKS11	70 80	105 105	290 290	250 250	20 22	74.9 85.4	60 60	350.5 350.5	400 450	300 350	20 22	350 400	5 5	4 x 17.5 8 x 17.5

GKS□□-4M V□R


k
h 1
k 1
Δ k
e 1
x
m 1
s 1
g 1
h 1
a 6
□ k 2
ø g
f 6
b 6
a
h
n
c 5
ø s 5
n
a 5
b 5
f 5
o
ø d 1
ø b 1
VAR
f 1
o 1
n 2
d
ø a 1
p
l
i 1
b 7
e 5
q
d 2
u
t
l 2
l 1

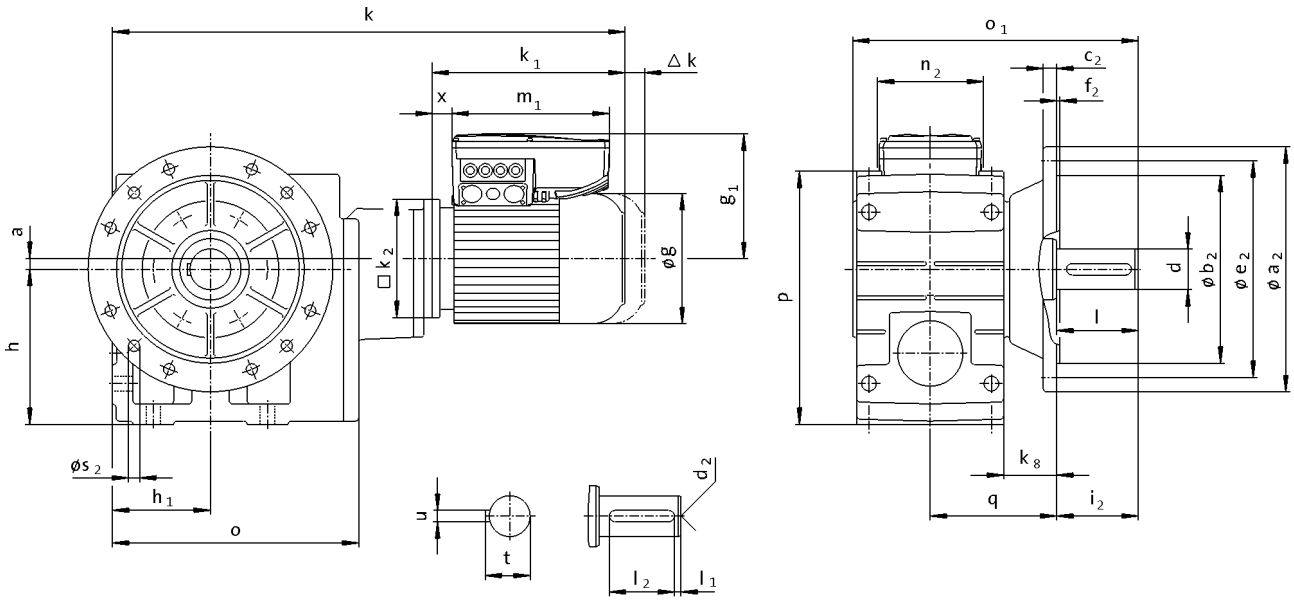
		063C32	063C42	071C32 071C42	080C32	080C42
g		123		139	156	
$g_{1,\ 120Hz}$		154		163	201	
k_1	MFEMAXX	187		207	224.5	
k_2		120			145	
x_{120Hz}		18.8		21	24.5	
$m_{1,\ 120Hz}$		241			260	
$n_{2,\ 120Hz}$		161			176	
Δ k	MFEMABR	40		52		
	MFFMAXX	128				
	MFFMABR	170		165		
		k				
GKS05		495				
GKS06		568		588	611	
GKS07		635		655	678	
GKS09			724	744	767	
GKS11					877	

	a	h	h_1	o	p	q
GKS05	13	125	80	226	205	130
GKS06	8	150	100	288	250	160
GKS07	11	190	120	350.5	310	200
GKS09	15	236	150	426	386	240
GKS11	16	300	185	523	485	305

	d	d	d_1	d_2	l	l_1	l_2	u	t	i_1	o_1	a_1	b_1	e_1	f_1	s_1
	k6	m6											H7			
GKS05	30		45	M10	60	6	45	8	33	64	196.5	118	80	100	4	M8x15
GKS06	40		65	M16	80	7	63	12	43	85	235.5	140	100	120	4	M10x16
GKS07	50		75	M16	100	8	80	14	53.5	105	295.5	165	115	140	5	M12x18
GKS09		60	95	M20	120	8	100	18	64	125	355.5	205	145	175	6	M16x24
GKS11		80	105	M20	160	15	125	22	85	166	444.5	240	140	205	6	M20x32

	a_5	a_6	b_5	b_6	b_7	c_5	e_5	f_5	f_6	m	n	s_5
GKS05	47.5	47.5	115	140	105	17	127	144	169	21	29	11
GKS06	60	60	155	170	120	20	145	191	206	23	36	14
GKS07	70	70	190	210	150	25	180	235	255	28	45	18
GKS09	90	90	240	266	185	30	222	300	326	37	60	22
GKS11	105	105	290	325	225	40	270	363	398	43	73	26

GKS□□-4M VAK


k
k 1
Δ k
x
m 1
g 1
a
h
□ k 2
ø g
ø s 2
h 1
o
u
t
d 2
l 2
l 1
o 1
n 2
c 2
f 2
p
d
ø b 2
ø e 2
ø a 2
l
k 8
q
i 2

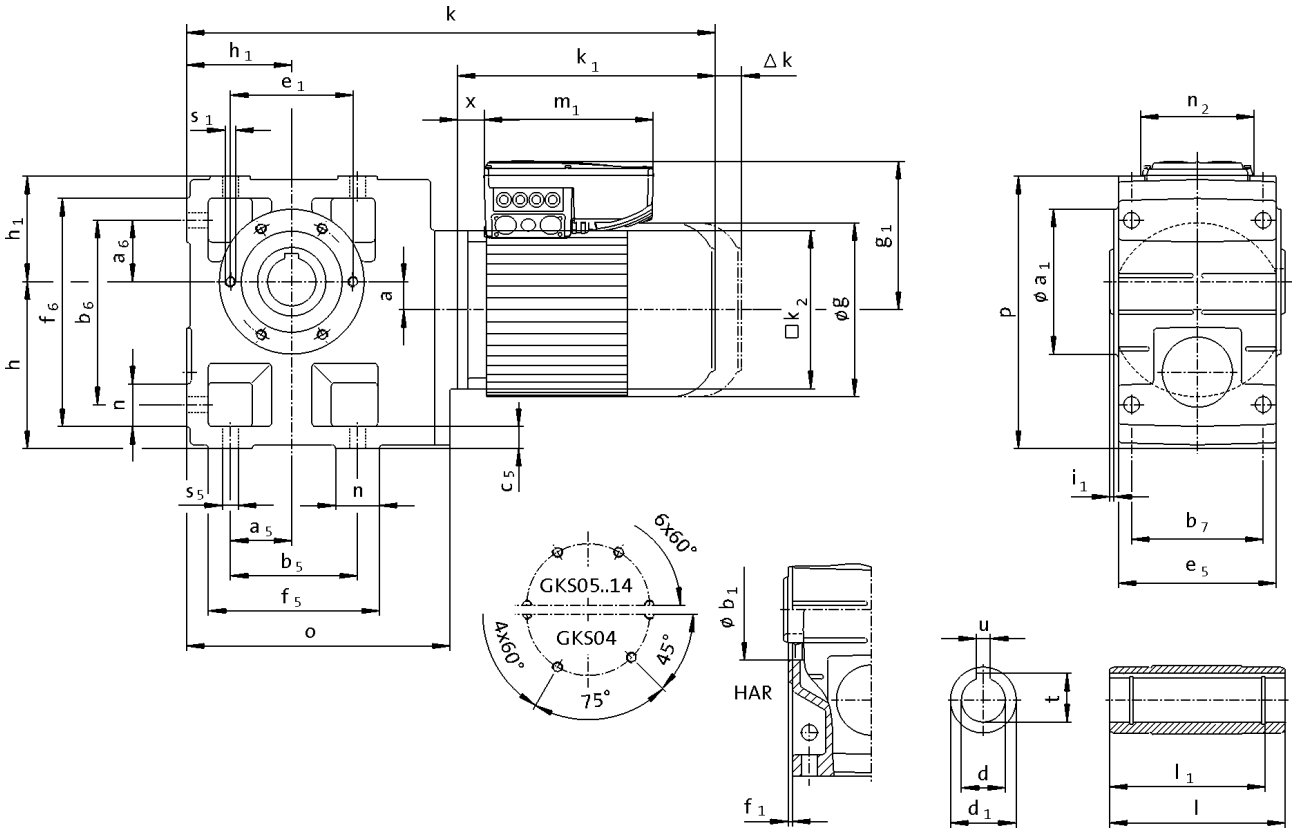
6

		063C32	063C42	071C32 071C42	080C32	080C42
g		123		139	156	
$g_{1,\ 120Hz}$		154		163	201	
k_1	MFEMAXX	187		207	224.5	
k_2		120			145	
x_{120Hz}		18.8		21	24.5	
$m_{1,\ 120Hz}$		241			260	
$n_{2,\ 120Hz}$		161			176	
Δ k	MFEMABR	40		52		
	MFFMAXX	128				
	MFFMABR	170		165		
		k				
GKS05		495				
GKS06		568		588	611	
GKS07		635		655	678	
GKS09			724	744	767	
GKS11					877	

	a	h	h_1	k_8	o	p	q
GKS05	13	125	80	40	226	205	103.5
GKS06	8	150	100	49	288	250	121.5
GKS07	11	190	120	65.5	350.5	310	155.5
GKS09	15	236	150	69.5	426	386	180.5
GKS11	16	300	185	70.5	523	485	205.5

	d	d	d_2	l	l_1	l_2	u	t	i_2	o_1	a_2	b_2	c_2	e_2	f_2	s_2
	k6	m6										j7				
GKS05	30		M10	60	6	45	8	33	60	229.5	200	130	12	165	4	4 x 11
GKS06	40		M16	80	7	63	12	43	80	276.5	250	180	15	215	4	4 x 14
GKS07	50		M16	100	8	80	14	53.5	100	350.5	250 300	180 230	15 17	215 265	4 4	4 x 14 4 x 14
GKS09		60	M20	120	8	100	18	64	120	415.5	350	250	18	300	4	4 x 17.5
GKS11		80	M20	160	15	125	22	85	160	504.5	400 450	300 350	20 22	350 400	5 5	4 x 17.5 8 x 17.5

GKS□□-3M H□R


k
h 1
k 1
Δ k
e 1
x
m 1
s 1
h 1
a 6
f 6
b 6
h
n
a
□k 2
øg
g 1
c 5
s 5
n
a 5
b 5
f 5
o
6x60°
GKS05..14
GKS04
4x60°
45°
75°
ø b 1
HAR
f 1
n 2
ø a 1
p
i 1
b 7
e 5
u
t
d
d 1
l 1
l

6

		080C32	090C12 090C32	100C12	100C32
g		156	176	194	
$g_{1, 50Hz}$		172	177	217	
$g_{1, 87Hz}$		172	205.5		
k_1	MHEMAXX	224.5	274	309	324
k_2		145		180	
x_{50Hz}		25.5	28.8	29.6	
x_{87Hz}		25.5	27.8		
$m_{1, 50Hz}$		241		260	
$m_{1, 87Hz}$		241	260		
$n_{2, 50Hz}$		161		176	
$n_{2, 87Hz}$		161	176		
Δ k	MHEMABR	73	68	76	
	MHFMAXX	128		109	
	MHFMABR	183	181	170	
		k			
GKS04		441	501		
GKS05		461	521	556	571
GKS06		517	577	612	627
GKS07		573	633	668	683
GKS09			704	739	754
GKS11				830	845

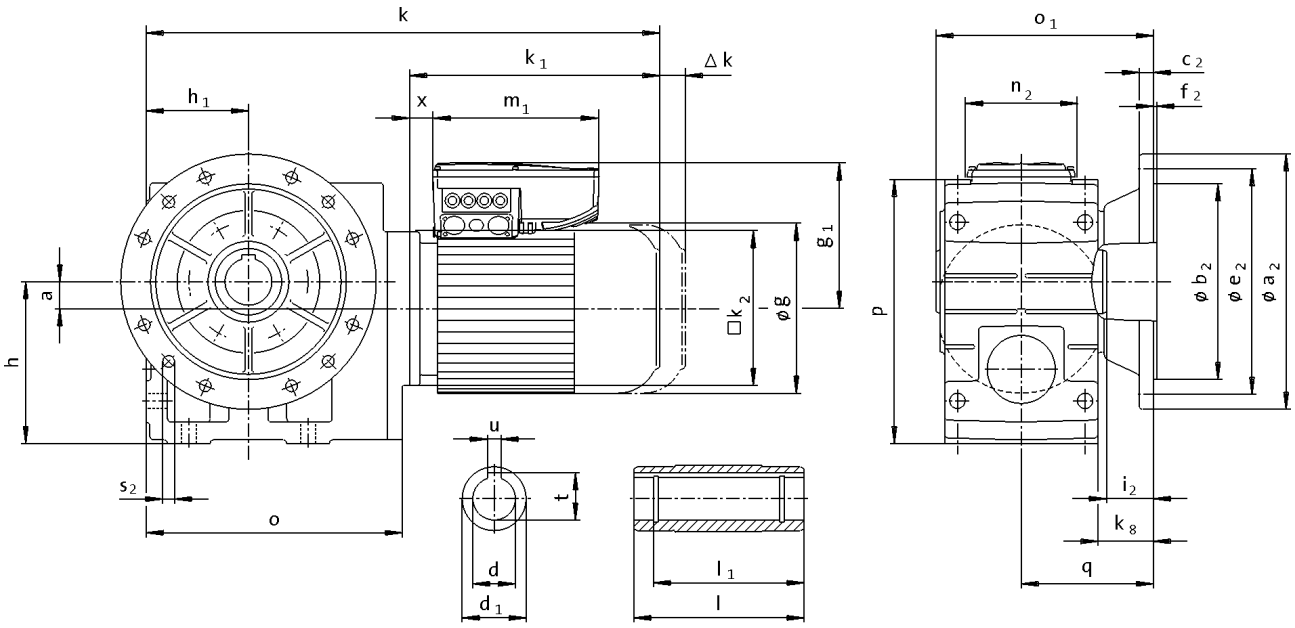
	a	h[1)]	h_1	o	p[1)]
GKS04	20	100	71	203	171
GKS05	23	125	80	232	205
GKS06	28	150	100	291	250
GKS07	34	190	120	354	310
GKS09	41	236	150	429	386
GKS11	54	300	185	527	485

	d	d_1	l[1)]	l_1	u	t	i_1	a_1	b_1	e_1	f_1	s_1
	H7				JS9	+0,2			H7			
GKS04	25 30	45 45	115 115	100 100	8 8	28.3 33.3	2.5 2.5	104	75	90	3	M6x12
GKS05	30 35	50 50	140 140	124 124	8 10	33.3 38.3	4 4	118	80	100	4	M8x15
GKS06	40 45	65 65	160 160	140 140	12 14	43.3 48.8	5 5	140	100	120	4	M10x16
GKS07	50 55	75 75	200 200	175 175	14 16	53.8 59.3	5 5	165	115	140	5	M12x18
GKS09	60 70	95 95	240 240	210 210	18 20	64.4 74.9	5 5	205	145	175	6	M16x24
GKS11	70 80	105 105	290 290	250 250	20 22	74.9 85.4	6 6	240	140	205	6	M20x32

	a_5	a_6	b_5	b_6	b_7	c_5	e_5	f_5	f_6	m	n	s_5
GKS04	45	45	110	119	85	14	105	132	141	21	22	9
GKS05	47.5	47.5	115	140	105	17	127	144	169	21	29	11
GKS06	60	60	155	170	120	20	145	191	206	23	36	14
GKS07	70	70	190	210	150	25	180	235	255	28	45	18
GKS09	90	90	240	266	185	30	222	300	326	37	60	22
GKS11	105	105	290	325	225	40	270	363	398	43	73	26

[1)] k_2 !

GKS□□-3M HAK


k
k 1
Δ k
h 1
x
m 1
g 1
a
h
□k 2
ø g
u
t
s 2
o
d
d 1
l 1
l
o 1
c 2
f 2
n 2
p
ø b 2
ø e 2
ø a 2
i 2
k 8
q

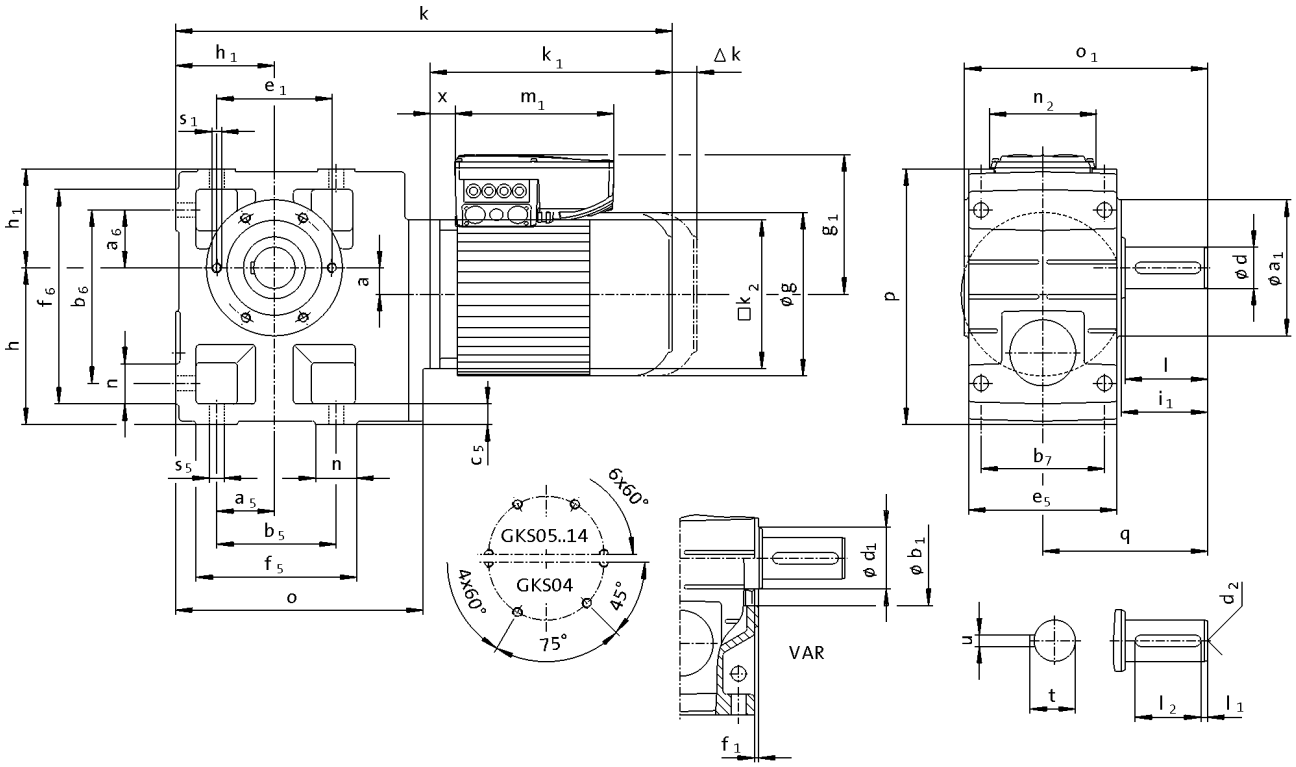
		080C32	090C12 090C32	100C12	100C32
g		156	176	194	
$g_{1, 50Hz}$		172	177	217	
$g_{1, 87Hz}$		172	205.5		
k_1	MHEMAXX	224.5	274	309	324
k_2		145		180	
x_{50Hz}		25.5	28.8	29.6	
x_{87Hz}		25.5	27.8		
$m_{1, 50Hz}$		241		260	
$m_{1, 87Hz}$		241	260		
$n_{2, 50Hz}$		161		176	
$n_{2, 87Hz}$		161	176		
Δ k	MHEMABR	73	68	76	
	MHFMAXX	128		109	
	MHFMABR	183	181	170	
		k			
GKS04		441	501		
GKS05		461	521	556	571
GKS06		517	577	612	627
GKS07		573	633	668	683
GKS09			704	739	754
GKS11				830	845

	a	h[1)]	h_1	k_8	o	p[1)]	q
GKS04	20	100	71	38.5	203	171	91
GKS05	23	125	80	40	232	205	103.5
GKS06	28	150	100	49	291	250	121.5
GKS07	34	190	120	65.5	354	310	155.5
GKS09	41	236	150	69.5	429	386	180.5
GKS11	54	300	185	70.5	527	485	205.5

	d	d_1	l	l_1	u	t	i_2	o_1[1)]	a_2	b_2	c_2	e_2	f_2	s_2
	H7				JS9	+0,2				j7				
GKS04	25 30	45 45	115 115	100 100	8 8	28.3 33.3	33 33	148.5 148.5	160	110	10	130	3.5	4 x 9
GKS05	30 35	50 50	140 140	124 124	8 10	33.3 38.3	33 33	173.5 173.5	200	130	12	165	4	4 x 11
GKS06	40 45	65 65	160 160	140 140	12 14	43.3 48.8	42 41	201.5 201.5	200 250	180 130	12 15	165 215	3.5 4	4 x 11 4 x 14
GKS07	50 55	75 75	200 200	175 175	14 16	53.8 59.3	55 55	255.5 255.5	250 300	180 230	15 17	215 265	4 4	4 x 14 4 x 14
GKS09	60 70	95 95	240 240	210 210	18 20	64.4 74.9	60 60	300.5 300.5	350	250	18	300	4	4 x 17.5
GKS11	70 80	105 105	290 290	250 250	20 22	74.9 85.4	60 60	350.5 350.5	400 450	300 350	20 22	350 400	5 5	4 x 17.5 8 x 17.5

[1)] k_2 !

GKS□□-3M V□R


k
h 1
k 1
Δ k
e 1
x
m 1
s 1
o 1
n 2
h 1
a 6
f 6
b 6
h
n
a
g 1
□k 2
ø g
p
ø d
ø a 1
l
i 1
b 7
e 5
q
s 5
n
a 5
b 5
f 5
o
c 5
6x60°
GKS05..14
GKS04
4x60°
45°
75°
ø d1
ø b1
VAR
f 1
u
t
d 2
l 2
l 1

6

		080C32	090C12 090C32	100C12	100C32
g		156	176	194	
$g_{1, 50Hz}$		172	177	217	
$g_{1, 87Hz}$		172	205.5		
k_1	MHEMAXX	224.5	274	309	324
k_2		145		180	
x_{50Hz}		25.5	28.8	29.6	
x_{87Hz}		25.5	27.8		
$m_{1, 50Hz}$		241		260	
$m_{1, 87Hz}$		241	260		
$n_{2, 50Hz}$		161		176	
$n_{2, 87Hz}$		161	176		
Δ k	MHEMABR	73	68	76	
	MHFMAXX	128		109	
	MHFMABR	183	181	170	
		k			
GKS04		441	501		
GKS05		461	521	556	571
GKS06		517	577	612	627
GKS07		573	633	668	683
GKS09			704	739	754
GKS11				830	845

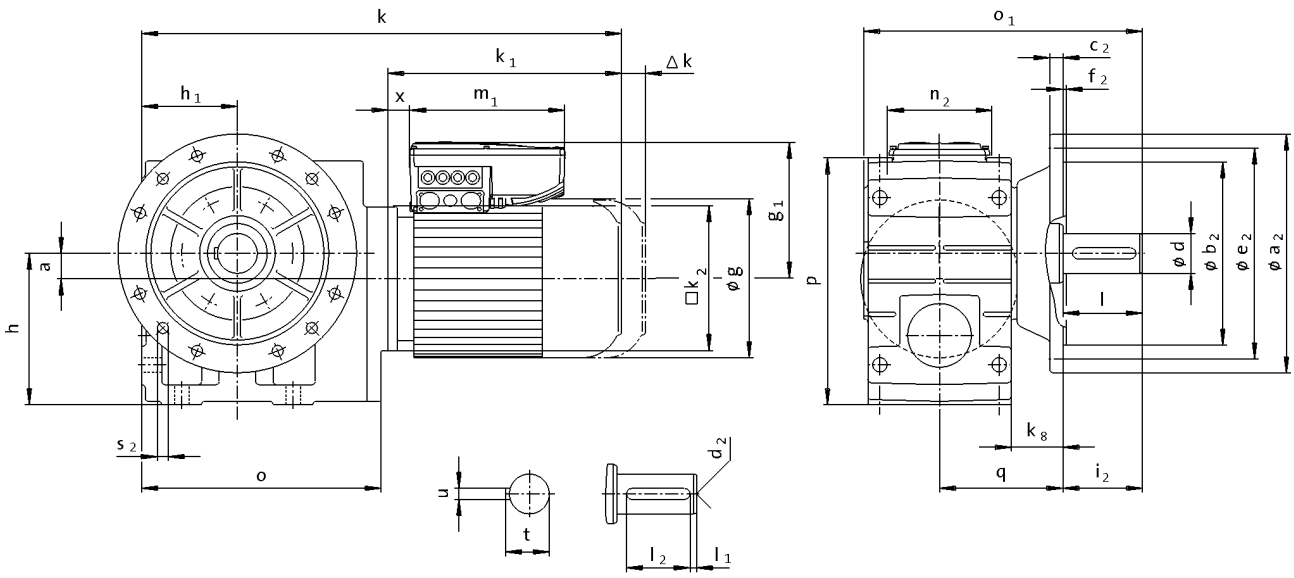
	a	h[1)]	h_1	o	p[1)]	q
GKS04	20	100	71	203	171	107.5
GKS05	23	125	80	232	205	130
GKS06	28	150	100	291	250	160
GKS07	34	190	120	354	310	200
GKS09	41	236	150	429	386	240
GKS11	54	300	185	527	485	305

	d	d	d_1	d_2	l	l_1	l_2	u	t	i_1	o_1[1)]	a_1	b_1	e_1	f_1	s_1
	k6	m6											H7			
GKS04	25		45	M10	50	6	40	8	28	52.5	162.5	104	75	90	3	M6x12
GKS05	30		45	M10	60	6	45	8	33	64	196.5	118	80	100	4	M8x15
GKS06	40		65	M16	80	7	63	12	43	85	235.5	140	100	120	4	M10x16
GKS07	50		75	M16	100	8	80	14	53.5	105	295.5	165	115	140	5	M12x18
GKS09		60	95	M20	120	8	100	18	64	125	355.5	205	145	175	6	M16x24
GKS11		80	105	M20	160	15	125	22	85	166	444.5	240	140	205	6	M20x32

	a_5	a_6	b_5	b_6	b_7	c_5	e_5	f_5	f_6	m	n	s_5
GKS04	45	45	110	119	85	14	105	132	141	21	22	9
GKS05	47.5	47.5	115	140	105	17	127	144	169	21	29	11
GKS06	60	60	155	170	120	20	145	191	206	23	36	14
GKS07	70	70	190	210	150	25	180	235	255	28	45	18
GKS09	90	90	240	266	185	30	222	300	326	37	60	22
GKS11	105	105	290	325	225	40	270	363	398	43	73	26

[1)] k_2 !

GKS□□-3M VAK


k
k 1
Δ k
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x
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□k 2
ø g
s 2
o
u
t
d 2
l 2
l 1
o 1
c 2
f 2
n 2
p
ø d
ø b 2
ø e 2
ø a 2
l
k 8
q
i 2

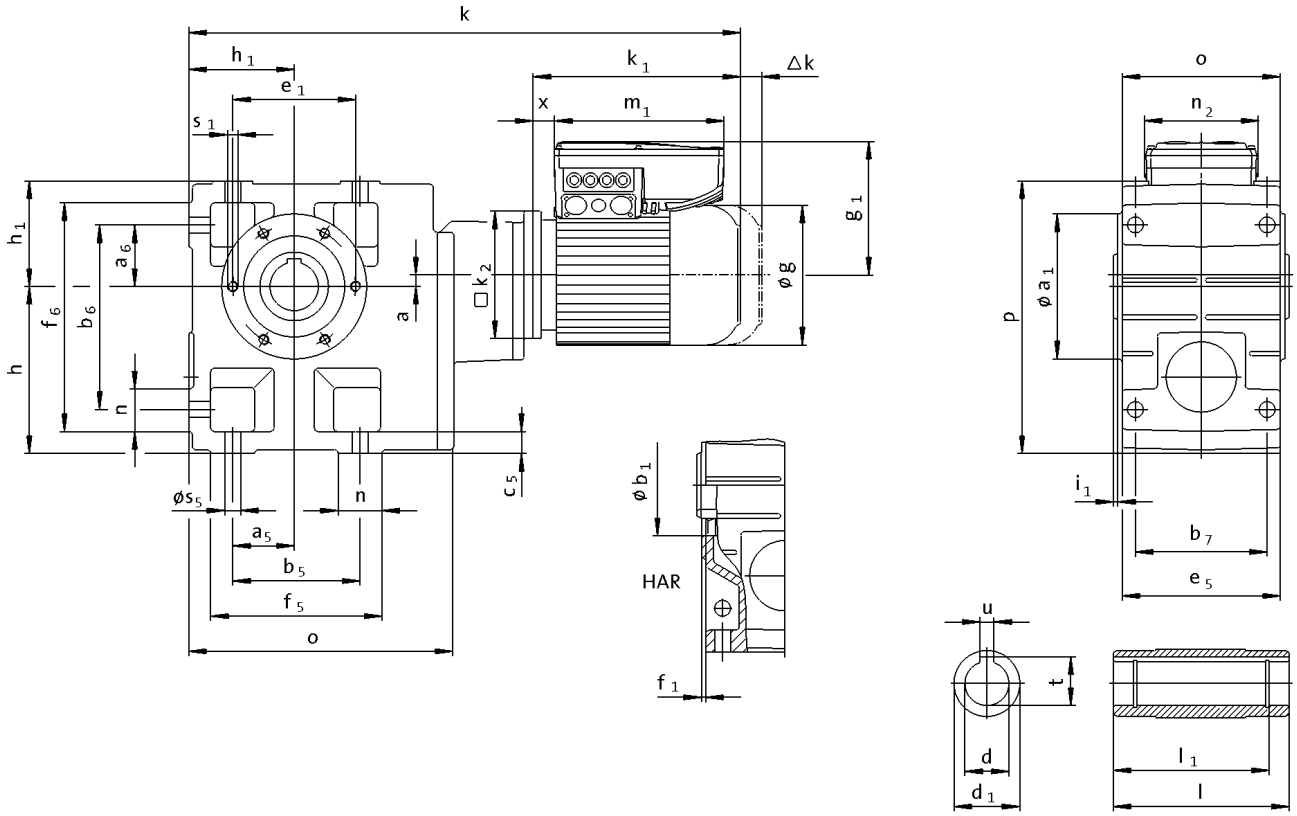
		080C32	090C12 090C32	100C12	100C32
g		156	176	194	
$g_{1, 50Hz}$		172	177	217	
$g_{1, 87Hz}$		172	205.5		
k_1	MHEMAXX	224.5	274	309	324
k_2		145		180	
x_{50Hz}		25.5	28.8	29.6	
x_{87Hz}		25.5	27.8		
$m_{1, 50Hz}$		241		260	
$m_{1, 87Hz}$		241	260		
$n_{2, 50Hz}$		161		176	
$n_{2, 87Hz}$		161	176		
Δ k	MHEMABR	73	68	76	
	MHFMAXX	128		109	
	MHFMABR	183	181	170	
		k			
GKS04		441	501		
GKS05		461	521	556	571
GKS06		517	577	612	627
GKS07		573	633	668	683
GKS09			704	739	754
GKS11				830	845

	a	h[1)]	h_1	k_8	o	p[1)]	q
GKS04	20	100	71	38.5	203	171	91
GKS05	23	125	80	40	232	205	103.5
GKS06	28	150	100	49	291	250	121.5
GKS07	34	190	120	65.5	354	310	155.5
GKS09	41	236	150	69.5	429	386	180.5
GKS11	54	300	185	70.5	527	485	205.5

	d	d	d_2	l	l_1	l_2	u	t	i_2	o_1[1)]	a_2	b_2	c_2	e_2	f_2	s_2
	k6	m6										j7				
GKS04	25		M10	50	6	40	8	28	50	195.5	160	110	10	130	3.5	4 x 9
GKS05	30		M10	60	6	45	8	33	60	229.5	200	130	12	165	4	4 x 11
GKS06	40		M16	80	7	63	12	43	80	276.5	250	180	15	215	4	4 x 14
GKS07	50		M16	100	8	80	14	53.5	100	350.5	250 300	180 230	15 17	215 265	4 4	4 x 14 4 x 14
GKS09		60	M20	120	8	100	18	64	120	415.5	350	250	18	300	4	4 x 17.5
GKS11		80	M20	160	15	125	22	85	160	504.5	400 450	300 350	20 22	350 400	5 5	4 x 17.5 8 x 17.5

[1)] k_2 !

GKS□□-4M H□R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s 1
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△k
x
m 1
g 1
h 1
a 6
f 6
b 6
h
n
a
□k 2
ø g
c 5
ø s 5
a 5
b 5
f 5
o
n
ø b 1
HAR
f 1
o
n 2
ø a 1
p
i 1
b 7
e 5
u
t
d
d 1
l 1
l

6

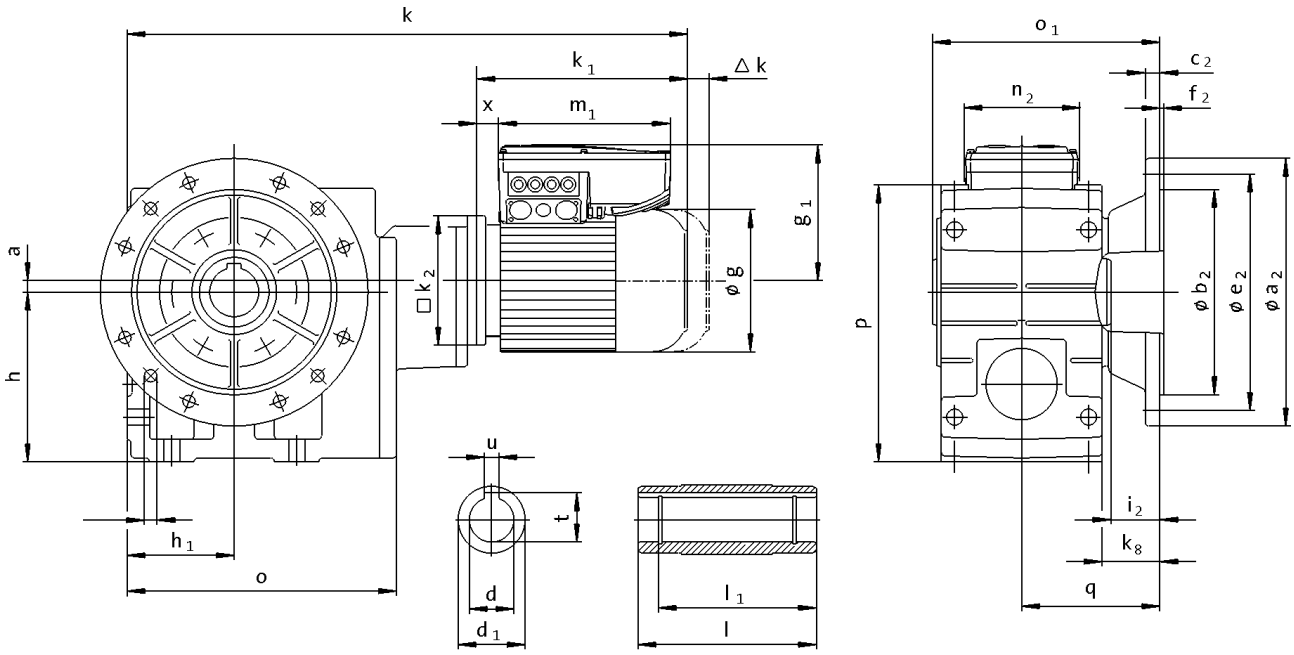
		080C32	090C12	090C32	100C12	100C32
g		156	176		194	
$g_{1, 50Hz}$		172	177		217	
$g_{1, 87Hz}$		172	205.5			
k_1	MHEMAXX	224.5	274		309	324
k_2		145	180			
x_{50Hz}		25.5	28.8		29.6	
x_{87Hz}		25.5	27.8			
$m_{1, 50Hz}$		241			260	
$m_{1, 87Hz}$		241	260			
$n_{2, 50Hz}$		161			176	
$n_{2, 87Hz}$		161	176			
Δ k	MHEMABR	73	68		76	
	MHFMAXX	128			109	
	MHFMABR	183	181		170	
		k				
GKS06		611	670			
GKS07		678	737		772	
GKS09		767	826		861	876
GKS11		877	936		971	986
GKS14			1069		1104	1119

	a	h	h_1	o	p
GKS06	8	150	100	288	250
GKS07	11	190	120	350.5	310
GKS09	15	236	150	426	386
GKS11	16	300	185	523	485
GKS14	22	375	230	632	605

	d	d_1	l	l_1	u	t	i_1	a_1	b_1	e_1	f_1	s_1
	H7				JS9	+0,2			H7			
GKS06	40 45	65 65	160 160	140 140	12 14	43.3 48.8	5 5	140	100	120	4	M10x16
GKS07	50 55	75 75	200 200	175 175	14 16	53.8 59.3	5 5	165	115	140	5	M12x18
GKS09	60 70	95 95	240 240	210 210	18 20	64.4 74.9	5 5	205	145	175	6	M16x24
GKS11	70 80	105 105	290 290	250 250	20 22	74.9 85.4	6 6	240	140	205	6	M20x32
GKS14	100	135	350	305	28	106.4	7	290	170	250	6	M24x35

	a_5	a_6	b_5	b_6	b_7	c_5	e_5	f_5	f_6	m	n	s_5
GKS06	60	60	155	170	120	20	145	191	206	23	36	14
GKS07	70	70	190	210	150	25	180	235	255	28	45	18
GKS09	90	90	240	266	185	30	222	300	326	37	60	22
GKS11	105	105	290	325	225	40	270	363	398	43	73	26
GKS14	135	135	360	415	275	50	328	442	497	52	82	33

GKS□□-4M HAK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h
□ k 2
ø g
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t
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o
d
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l 1
l
o 1
c 2
n 2
f 2
p
ø b 2
ø e 2
ø a 2
i 2
k 8
q

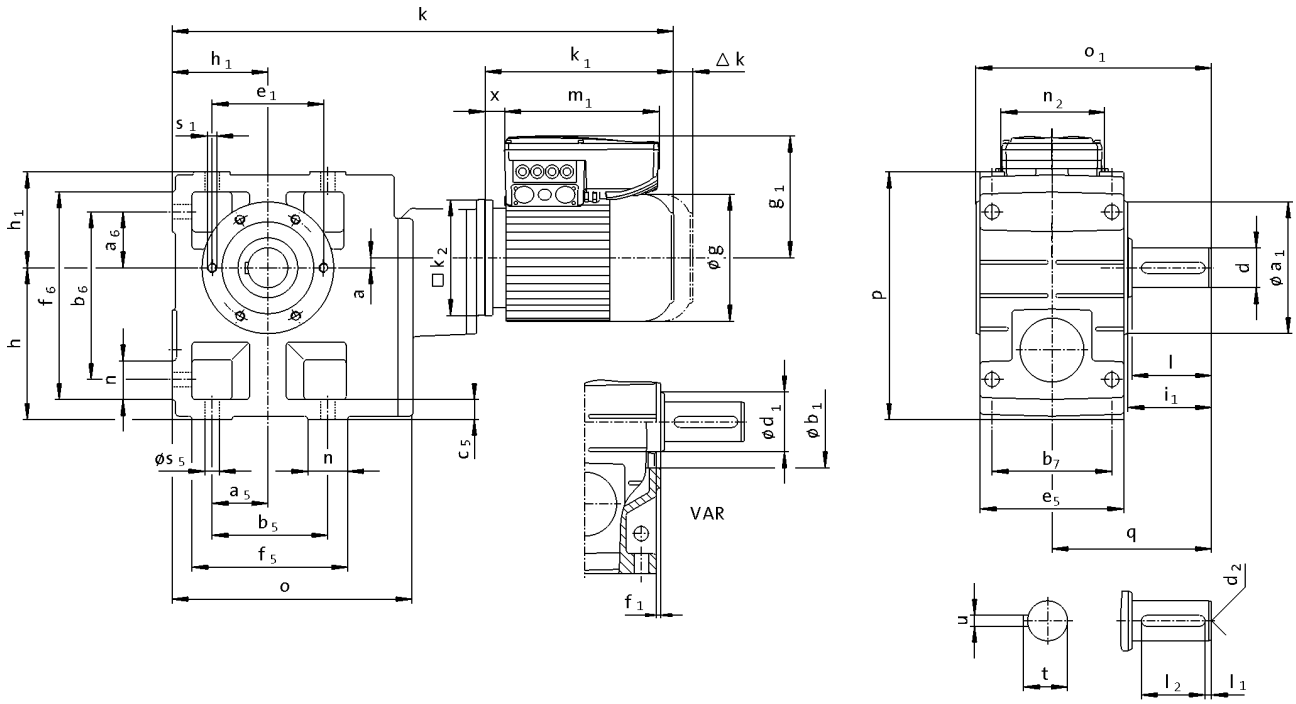
6

		080C32	090C12	090C32	100C12	100C32
g		156	176		194	
$g_{1, 50Hz}$		172	177		217	
$g_{1, 87Hz}$		172	205.5			
k_1	MHEMAXX	224.5	274		309	324
k_2		145	180			
x_{50Hz}		25.5	28.8		29.6	
x_{87Hz}		25.5	27.8			
$m_{1, 50Hz}$		241			260	
$m_{1, 87Hz}$		241	260			
$n_{2, 50Hz}$		161			176	
$n_{2, 87Hz}$		161	176			
Δ k	MHEMABR	73	68		76	
	MHFMAXX	128			109	
	MHFMABR	183	181		170	
		k				
GKS06		611	670			
GKS07		678	737		772	
GKS09		767	826		861	876
GKS11		877	936		971	986
GKS14			1069		1104	1119

	a	h	h_1	k_8	o	p	q
GKS06	8	150	100	49	288	250	121.5
GKS07	11	190	120	65.5	350.5	310	155.5
GKS09	15	236	150	69.5	426	386	180.5
GKS11	16	300	185	70.5	523	485	205.5
GKS14	22	375	230	71.5	632	605	235.5

	d	d_1	l	l_1	u	t	i_2	o_1	a_2	b_2	c_2	e_2	f_2	s_2
	H7				JS9	+0,2				j7				
GKS06	40 45	65 65	160 160	140 140	12 14	43.3 48.8	42 41	201.5 201.5	200 250	180 130	12 15	165 215	3.5 4	4 x 11 4 x 14
GKS07	50 55	75 75	200 200	175 175	14 16	53.8 59.3	55 55	255.5 255.5	250 300	180 230	15 17	215 265	4 4	4 x 14 4 x 14
GKS09	60 70	95 95	240 240	210 210	18 20	64.4 74.9	60 60	300.5 300.5	350	250	18	300	4	4 x 17.5
GKS11	70 80	105 105	290 290	250 250	20 22	74.9 85.4	60 60	350.5 350.5	400 450	300 350	20 22	350 400	5 5	4 x 17.5 8 x 17.5
GKS14	100	135	350	305	28	106.4	60	410.5	450	350	22	400	5	8 x 18.5

GKS□□-4M V□R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k 1
△ k
e 1
x
m 1
s 1
g 1
h 1
a 6
□ k 2
ø g
f 6
b 6
a
h
n
c 5
ø s 5
n
a 5
b 5
f 5
o
ø d 1
ø b 1
VAR
f 1
o 1
n 2
d
ø a 1
p
l
i 1
b 7
e 5
q
d 2
u
t
l 2
l 1

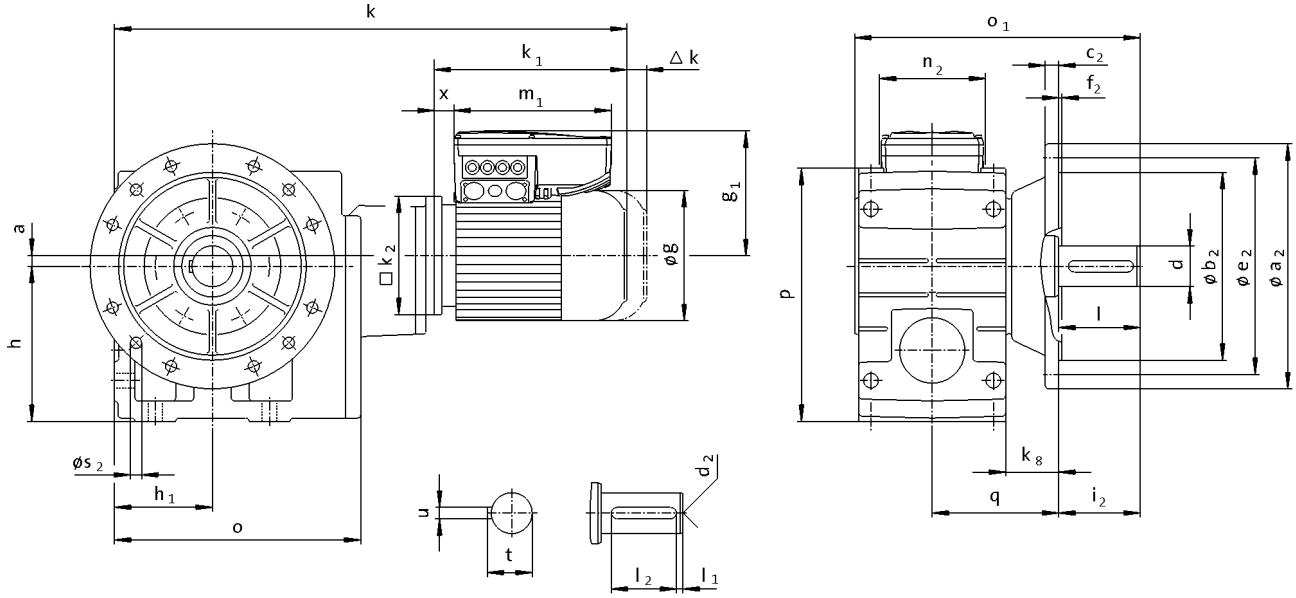
		080C32	090C12	090C32	100C12	100C32
g		156	176		194	
$g_{1, 50Hz}$		172	177		217	
$g_{1, 87Hz}$		172	205.5			
k_1	MHEMAXX	224.5	274		309	324
k_2		145	180			
x_{50Hz}		25.5	28.8		29.6	
x_{87Hz}		25.5	27.8			
$m_{1, 50Hz}$		241			260	
$m_{1, 87Hz}$		241	260			
$n_{2, 50Hz}$		161			176	
$n_{2, 87Hz}$		161	176			
Δ k	MHEMABR	73	68		76	
	MHFMAXX	128			109	
	MHFMABR	183	181		170	
		k				
GKS06		611	670			
GKS07		678	737		772	
GKS09		767	826		861	876
GKS11		877	936		971	986
GKS14			1069		1104	1119

	a	h	h_1	o	p	q
GKS06	8	150	100	288	250	160
GKS07	11	190	120	350.5	310	200
GKS09	15	236	150	426	386	240
GKS11	16	300	185	523	485	305
GKS14	22	375	230	632	605	375

	d	d	d_1	d_2	l	l_1	l_2	u	t	i_1	o_1	a_1	b_1	e_1	f_1	s_1
	k6	m6											H7			
GKS06	40		65	M16	80	7	63	12	43	85	235.5	140	100	120	4	M10x16
GKS07	50		75	M16	100	8	80	14	53.5	105	295.5	165	115	140	5	M12x18
GKS09		60	95	M20	120	8	100	18	64	125	355.5	205	145	175	6	M16x24
GKS11		80	105	M20	160	15	125	22	85	166	444.5	240	140	205	6	M20x32
GKS14		100	135	M24	200	18	160	28	106	207	543.5	290	170	250	6	M24x35

	a_5	a_6	b_5	b_6	b_7	c_5	e_5	f_5	f_6	m	n	s_5
GKS06	60	60	155	170	120	20	145	191	206	23	36	14
GKS07	70	70	190	210	150	25	180	235	255	28	45	18
GKS09	90	90	240	266	185	30	222	300	326	37	60	22
GKS11	105	105	290	325	225	40	270	363	398	43	73	26
GKS14	135	135	360	415	275	50	328	442	497	52	82	33

GKS□□-4M VAK


k
k 1
Δ k
x
m 1
g 1
a
h
□ k 2
ø g
ø s 2
h 1
o
u
t
d 2
l 2
l 1
o 1
n 2
c 2
f 2
p
d
ø b 2
ø e 2
ø a 2
l
k 8
q
i 2

		080C32	090C12	090C32	100C12	100C32
g		156	176		194	
$g_{1, 50Hz}$		172	177		217	
$g_{1, 87Hz}$		172	205.5			
k_1	MHEMAXX	224.5	274		309	324
k_2		145	180			
x_{50Hz}		25.5	28.8		29.6	
x_{87Hz}		25.5	27.8			
$m_{1, 50Hz}$		241			260	
$m_{1, 87Hz}$		241	260			
$n_{2, 50Hz}$		161			176	
$n_{2, 87Hz}$		161	176			
Δ k	MHEMABR	73	68		76	
	MHFMAXX	128			109	
	MHFMABR	183	181		170	
		k				
GKS06		611	670			
GKS07		678	737		772	
GKS09		767	826		861	876
GKS11		877	936		971	986
GKS14			1069		1104	1119

	a	h	h_1	k_8	o	p	q
GKS06	8	150	100	49	288	250	121.5
GKS07	11	190	120	65.5	350.5	310	155.5
GKS09	15	236	150	69.5	426	386	180.5
GKS11	16	300	185	70.5	523	485	205.5
GKS14	22	375	230	71.5	632	605	235.5

	d	d	d_2	l	l_1	l_2	u	t	i_2	o_1	a_2	b_2	c_2	e_2	f_2	s_2
	k6	m6										j7				
GKS06	40		M16	80	7	63	12	43	80	276.5	250	180	15	215	4	4 x 14
GKS07	50		M16	100	8	80	14	53.5	100	350.5	250 300	180 230	15 17	215 265	4 4	4 x 14 4 x 14
GKS09		60	M20	120	8	100	18	64	120	415.5	350	250	18	300	4	4 x 17.5
GKS11		80	M20	160	15	125	22	85	160	504.5	400 450	300 350	20 22	350 400	5 5	4 x 17.5 8 x 17.5
GKS14		100	M24	200	18	160	28	106	200	603.5	450	350	22	400	5	8 x 18.5

GKS□□-3M HAR / HBR

			063C32	063C42	071C32 071C42	080C32 080C42	090C32	100C12 100C32
GKS04	m	[kg]	16		18	23	28	
GKS05	m	[kg]		26	28	33	38	47
GKS06	m	[kg]		40	42	47	52	61
GKS07	m	[kg]				73	78	87
GKS09	m	[kg]					126	135
GKS11	m	[kg]						235

GKS□□-3M HAK

			063C32	063C42	071C32
GKS04	m	[kg]	18	19	20
GKS05	m	[kg]		30	32
GKS06	m	[kg]		47	49

			071C42	080C32 080C42	090C32	100C12 100C32
GKS04	m	[kg]	21	26	30	
GKS05	m	[kg]	32	37	42	51
GKS06	m	[kg]	49	54	59	68
GKS07	m	[kg]		84	89	98
GKS09	m	[kg]			142	151
GKS11	m	[kg]				259

- Weights with oil filling for mounting position A, all values are approximate.
  The weights relate to the basic version without 8400 motec
  Note the additional weights (for 8400 motec and motor options).

GKS□□-3M VAR / VBR

			063C32	063C42	071C32
GKS04	m	[kg]	16	17	18
GKS05	m	[kg]		27	29
GKS06	m	[kg]		43	44

			071C42	080C32 080C42	090C32	100C12 100C32
GKS04	m	[kg]	19	24	28	
GKS05	m	[kg]	29	34	39	48
GKS06	m	[kg]	45	49	55	64
GKS07	m	[kg]		78	83	92
GKS09	m	[kg]			134	143
GKS11	m	[kg]				251

GKS□□-3M VAK

			063C32	063C42	071C32
GKS04	m	[kg]	19		21
GKS05	m	[kg]		31	33
GKS06	m	[kg]		50	51

			071C42	080C32 080C42	090C32	100C12 100C32
GKS04	m	[kg]	21	26	31	
GKS05	m	[kg]	33	38	43	52
GKS06	m	[kg]	52	56	62	71
GKS07	m	[kg]		89	94	103
GKS09	m	[kg]			150	159
GKS11	m	[kg]				275

► Weights with oil filling for mounting position A, all values are approximate.
The weights relate to the basic version without 8400 motec
Note the additional weights (for 8400 motec and motor options).

GKS□□-3M SAR / SBR

			063C32	063C42	071C32
GKS04	m	[kg]	16	17	18
GKS05	m	[kg]		27	28
GKS06	m	[kg]		41	43

			071C42	080C32 080C42	090C32	100C12 100C32
GKS04	m	[kg]	19	24	28	
GKS05	m	[kg]	29	34	39	48
GKS06	m	[kg]	43	48	53	62
GKS07	m	[kg]		74	79	88
GKS09	m	[kg]			129	138
GKS11	m	[kg]				240

GKS□□-3M SAK

			063C32	063C42	071C32
GKS04	m	[kg]	19		21
GKS05	m	[kg]		31	32
GKS06	m	[kg]		48	50

			071C42	080C32 080C42	090C32	100C12 100C32
GKS04	m	[kg]	21	26	31	
GKS05	m	[kg]	33	38	43	52
GKS06	m	[kg]	50	55	60	69
GKS07	m	[kg]		85	90	99
GKS09	m	[kg]			145	154
GKS11	m	[kg]				264

► Weights with oil filling for mounting position A, all values are approximate.
The weights relate to the basic version without 8400 motec
Note the additional weights (for 8400 motec and motor options).

GKS□□-4M HAR / HBR

			063C32	063C42	071C32	071C42
GKS05	m	[kg]	26	27	28	
GKS06	m	[kg]	43	44	45	46
GKS07	m	[kg]		74	76	
GKS09	m	[kg]		127	129	

			080C32 080C42	090C32	100C12	100C32
GKS06	m	[kg]	51			
GKS07	m	[kg]	81	86	95	
GKS09	m	[kg]	134	139	148	
GKS11	m	[kg]	242	247	256	
GKS14	m	[kg]		432	441	

GKS□□-4M HAK

			063C32	063C42	071C32	071C42
GKS05	m	[kg]	30	31	32	
GKS06	m	[kg]	50	51	52	53
GKS07	m	[kg]		85	87	
GKS09	m	[kg]		143	145	

			080C32 080C42	090C32	100C12	100C32
GKS06	m	[kg]	58			
GKS07	m	[kg]	92	97	106	
GKS09	m	[kg]	150	155	164	
GKS11	m	[kg]	266	271	280	
GKS14	m	[kg]		465	474	

► Weights with oil filling for mounting position A, all values are approximate.
The weights relate to the basic version without 8400 motec
Note the additional weights (for 8400 motec and motor options).

GKS□□-4M VAR / VBR

			063C32	063C42	071C32	071C42
GKS05	m	[kg]	27	28	29	
GKS06	m	[kg]	46		48	
GKS07	m	[kg]		79	81	
GKS09	m	[kg]		135	137	

			080C32 080C42	090C32	100C12	100C32
GKS06	m	[kg]	53			
GKS07	m	[kg]	86	91	100	
GKS09	m	[kg]	142	147	156	
GKS11	m	[kg]	258	263	272	
GKS14	m	[kg]		465	474	

GKS□□-4M VAK

			063C32	063C42	071C32	071C42
GKS05	m	[kg]	31	32	33	
GKS06	m	[kg]	53		55	
GKS07	m	[kg]		90	92	
GKS09	m	[kg]		151	153	

			080C32 080C42	090C32	100C12	100C32
GKS06	m	[kg]	60			
GKS07	m	[kg]	97	102	111	
GKS09	m	[kg]	158	163	172	
GKS11	m	[kg]	282	287	296	
GKS14	m	[kg]		498	507	

► Weights with oil filling for mounting position A, all values are approximate.
The weights relate to the basic version without 8400 motec
Note the additional weights (for 8400 motec and motor options).

GKS□□-4M SAR / SBR

			063C32	063C42	071C32	071C42
GKS05	m	[kg]	27	28	29	
GKS06	m	[kg]	44	45	46	47
GKS07	m	[kg]		75	77	78
GKS09	m	[kg]		130	132	

			080C32 080C42	090C32	100C12	100C32
GKS06	m	[kg]	52			
GKS07	m	[kg]	82	87	96	
GKS09	m	[kg]	137	142	151	
GKS11	m	[kg]	247	252	261	
GKS14	m	[kg]		443	452	

GKS□□-4M SAK

			063C32	063C42	071C32	071C42
GKS05	m	[kg]	31	32	33	
GKS06	m	[kg]	51	52	53	54
GKS07	m	[kg]		86	88	89
GKS09	m	[kg]		146	148	

			080C32 080C42	090C32	100C12	100C32
GKS06	m	[kg]	59			
GKS07	m	[kg]	93	98	107	
GKS09	m	[kg]	153	158	167	
GKS11	m	[kg]	271	276	285	
GKS14	m	[kg]		476	485	

► Weights with oil filling for mounting position A, all values are approximate.
The weights relate to the basic version without 8400 motec
Note the additional weights (for 8400 motec and motor options).

GKS□□-3M HAR / HBR

			063C32	063C42	071C32 071C42	080C32 080C42
GKS04	m	[kg]	16		18	23
GKS05	m	[kg]	26		28	33
GKS06	m	[kg]		40	42	47
GKS07	m	[kg]				73

GKS□□-3M HAK

			063C32	063C42	071C32 071C42	080C32 080C42
GKS04	m	[kg]	19		21	26
GKS05	m	[kg]	30		32	37
GKS06	m	[kg]		47	49	54
GKS07	m	[kg]				84

GKS□□-3M VAR / VBR

			063C32	063C42	071C32 071C42	080C32 080C42
GKS04	m	[kg]	17		19	24
GKS05	m	[kg]	27		29	34
GKS06	m	[kg]		43	45	49
GKS07	m	[kg]				78

GKS□□-3M VAK

			063C32	063C42	071C32 071C42	080C32 080C42
GKS04	m	[kg]	19		21	26
GKS05	m	[kg]	31		33	38
GKS06	m	[kg]		50	52	56
GKS07	m	[kg]				89

- Weights with oil filling for mounting position A, all values are approximate.
  The weights relate to the basic version without 8400 motec
  Note the additional weights (for 8400 motec and motor options).

GKS□□-3M SAK

			063C32	063C42	071C32 071C42	080C32 080C42
GKS04	m	[kg]	19		21	26
GKS05	m	[kg]	31		33	38
GKS06	m	[kg]		48	50	55
GKS07	m	[kg]				85

GKS□□-3M SAR / SBR

			063C32	063C42	071C32 071C42	080C32 080C42
GKS04	m	[kg]	17		19	24
GKS05	m	[kg]	27		29	34
GKS06	m	[kg]		41	43	48
GKS07	m	[kg]				74

- Weights with oil filling for mounting position A, all values are approximate.
  The weights relate to the basic version without 8400 motec
  Note the additional weights (for 8400 motec and motor options).

GKS□□-4M HAR / HBR

			063C32	063C42	071C32 071C42	080C32	080C42
GKS05	m	[kg]	27				
GKS06	m	[kg]	44		46	51	
GKS07	m	[kg]	74		76	81	
GKS09	m	[kg]		127	129	134	
GKS11	m	[kg]				242	

GKS□□-4M HAK

			063C32	063C42	071C32 071C42	080C32	080C42
GKS05	m	[kg]	31				
GKS06	m	[kg]	51		53	58	
GKS07	m	[kg]	85		87	92	
GKS09	m	[kg]		143	145	150	
GKS11	m	[kg]				266	

GKS□□-4M VAR / VBR

			063C32	063C42	071C32 071C42	080C32	080C42
GKS05	m	[kg]	28				
GKS06	m	[kg]	46		48	53	
GKS07	m	[kg]	79		81	86	
GKS09	m	[kg]		135	137	142	
GKS11	m	[kg]				258	

GKS□□-4M VAK

			063C32	063C42	071C32 071C42	080C32	080C42
GKS05	m	[kg]	32				
GKS06	m	[kg]	53		55	60	
GKS07	m	[kg]	90		92	97	
GKS09	m	[kg]		151	153	158	
GKS11	m	[kg]				282	

► Weights with oil filling for mounting position A, all values are approximate.
The weights relate to the basic version without 8400 motec
Note the additional weights (for 8400 motec and motor options).

GKS□□-4M SAR / SBR

			063C32	063C42	071C32 071C42	080C32	080C42
GKS05	m	[kg]	28				
GKS06	m	[kg]	45		47	52	
GKS07	m	[kg]	75		78	82	
GKS09	m	[kg]		130	132	137	
GKS11	m	[kg]				247	

GKS□□-4M SAK

			063C32	063C42	071C32 071C42	080C32	080C42
GKS05	m	[kg]	32				
GKS06	m	[kg]	52		54	59	
GKS07	m	[kg]	86		89	93	
GKS09	m	[kg]		146	148	153	
GKS11	m	[kg]				271	

► Weights with oil filling for mounting position A, all values are approximate.
The weights relate to the basic version without 8400 motec
Note the additional weights (for 8400 motec and motor options).

GKS□□-3M HAR / HBR

			080C32	090C12	090C32	100C12	100C32
GKS04	m	[kg]	23	29	31		
GKS05	m	[kg]	33	39	41	47	49
GKS06	m	[kg]	47	53	55	61	64
GKS07	m	[kg]	73	79	81	87	89
GKS09	m	[kg]		127	129	135	138
GKS11	m	[kg]				235	237

GKS□□-3M HAK

			080C32	090C12	090C32	100C12	100C32
GKS04	m	[kg]	26	31	33		
GKS05	m	[kg]	37	43	45	51	53
GKS06	m	[kg]	54	60	62	68	71
GKS07	m	[kg]	84	90	92	98	100
GKS09	m	[kg]		143	145	151	154
GKS11	m	[kg]				259	261

GKS□□-3M VAR / VBR

			080C32	090C12	090C32	100C12	100C32
GKS04	m	[kg]	24	29	31		
GKS05	m	[kg]	34	40	42	48	50
GKS06	m	[kg]	49	56	58	64	66
GKS07	m	[kg]	78	84	86	92	94
GKS09	m	[kg]		135	137	143	146
GKS11	m	[kg]				251	253

GKS□□-3M VAK

			080C32	090C12	090C32	100C12	100C32
GKS04	m	[kg]	26	32	34		
GKS05	m	[kg]	38	44	46	52	54
GKS06	m	[kg]	56	63	65	71	73
GKS07	m	[kg]	89	95	97	103	105
GKS09	m	[kg]		151	153	159	162
GKS11	m	[kg]				275	277

- Weights with oil filling for mounting position A, all values are approximate.
  The weights relate to the basic version without 8400 motec
  Note the additional weights (for 8400 motec and motor options).

GKS□□-3M SAR / SBR

			080C32	090C12	090C32	100C12	100C32
GKS04	m	[kg]	24	29	31		
GKS05	m	[kg]	34	40	42	48	50
GKS06	m	[kg]	48	54	56	62	65
GKS07	m	[kg]	74	80	82	88	91
GKS09	m	[kg]		130	132	138	141
GKS11	m	[kg]				240	242

GKS□□-3M SAK

			080C32	090C12	090C32	100C12	100C32
GKS04	m	[kg]	26	32	34		
GKS05	m	[kg]	38	44	46	52	54
GKS06	m	[kg]	55	61	63	69	72
GKS07	m	[kg]	85	91	93	99	102
GKS09	m	[kg]		146	148	154	157
GKS11	m	[kg]				264	266

► Weights with oil filling for mounting position A, all values are approximate.
The weights relate to the basic version without 8400 motec
Note the additional weights (for 8400 motec and motor options).

GKS□□-4M HAR / HBR

			080C32	090C12	090C32	100C12	100C32
GKS06	m	[kg]	51	56			
GKS07	m	[kg]	81	87	89	95	
GKS09	m	[kg]	134	140	142	148	151
GKS11	m	[kg]	242	248	250	256	258
GKS14	m	[kg]		433	435	441	444

GKS□□-4M HAK

			080C32	090C12	090C32	100C12	100C32
GKS06	m	[kg]	58	63			
GKS07	m	[kg]	92	98	100	106	
GKS09	m	[kg]	150	156	158	164	167
GKS11	m	[kg]	266	272	274	280	282
GKS14	m	[kg]		466	468	474	477

GKS□□-4M VAR / VBR

			080C32	090C12	090C32	100C12	100C32
GKS06	m	[kg]	53	59			
GKS07	m	[kg]	86	92	94	100	
GKS09	m	[kg]	142	148	150	156	159
GKS11	m	[kg]	258	264	266	272	274
GKS14	m	[kg]		466	468	474	477

GKS□□-4M VAK

			080C32	090C12	090C32	100C12	100C32
GKS06	m	[kg]	60	66			
GKS07	m	[kg]	97	103	105	111	
GKS09	m	[kg]	158	164	166	172	175
GKS11	m	[kg]	282	288	290	296	298
GKS14	m	[kg]		499	501	507	510

► Weights with oil filling for mounting position A, all values are approximate.
The weights relate to the basic version without 8400 motec
Note the additional weights (for 8400 motec and motor options).

GKS□□-4M SAR / SBR

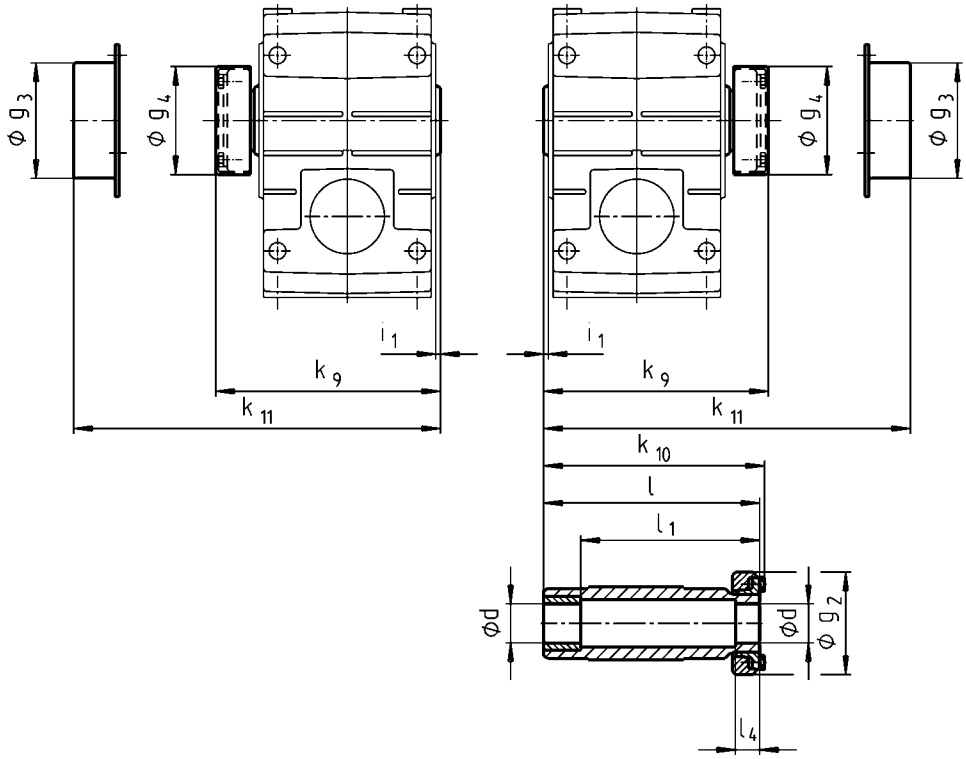
			080C32	090C12	090C32	100C12	100C32
GKS06	m	[kg]	52	57			
GKS07	m	[kg]	82	88	90	96	
GKS09	m	[kg]	137	143	145	151	154
GKS11	m	[kg]	247	253	255	261	263
GKS14	m	[kg]		444	446	452	455

GKS□□-4M SAK

			080C32	090C12	090C32	100C12	100C32
GKS06	m	[kg]	59	64			
GKS07	m	[kg]	93	99	101	107	
GKS09	m	[kg]	153	159	161	167	170
GKS11	m	[kg]	271	277	279	285	287
GKS14	m	[kg]		477	479	485	488

► Weights with oil filling for mounting position A, all values are approximate.
The weights relate to the basic version without 8400 motec
Note the additional weights (for 8400 motec and motor options).

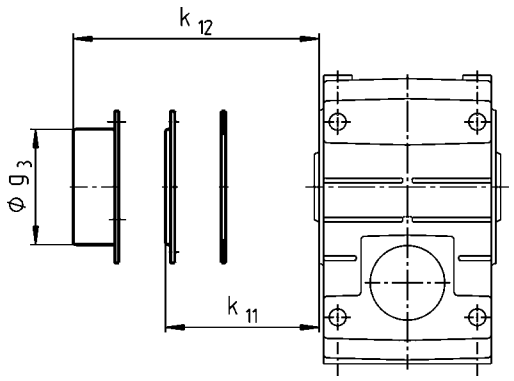
Hollow shaft with shrink disc



	d	g_2	g_3	g_4	i_1	k_9	k_{10}	k_{11}	l	l_1	l_4
	h6										
GKS04	25 30	72	79	76	2.5	150	148	154	142	122	26
GKS05	35	80	90	84	4.0	176	174	179	168	148	28
GKS06	40	90	100	94	5.0	202	200	204	194	164	30
GKS07	50	110	124	116		241	238	244	232	192	26
GKS09	65	141	159	147		288	285	287	278	228	30
GKS11	80	170	191	176	6.0	347	344	349	338	238	42
GKS14	100	215	253	221	7.0	418	415	421	407	307	55

- Output flange and hollow shaft with shrink disc (output version SAK) are not possible in the same location. For additional dimensions see output version H□□.
- Ensure that the strength of the machine shaft material is adequate in shrink disc designs.
  When using typical steels (e.g. C45, 42CrMo4), the torques listed in the selection tables can be used without restriction. Please consult us if you wish to use material that is considerably weaker. Medium surface roughness Rz must not exceed 15 µm (turning is sufficient).

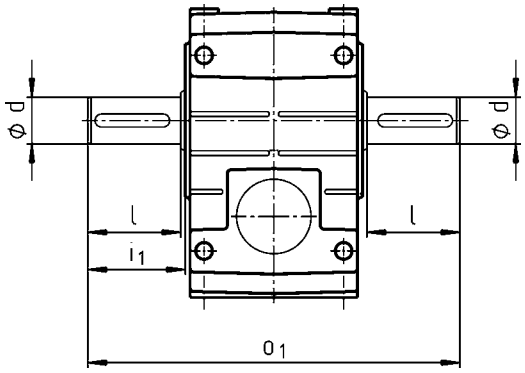
Hoseproof hollow shaft cover



► Cover including gasket

	k_{11}	k_{12}	g_3
GKS04	9		
GKS05	10		
GKS06	11		
GKS07			
GKS09		54	159
GKS11		67	191
GKS14		80	253

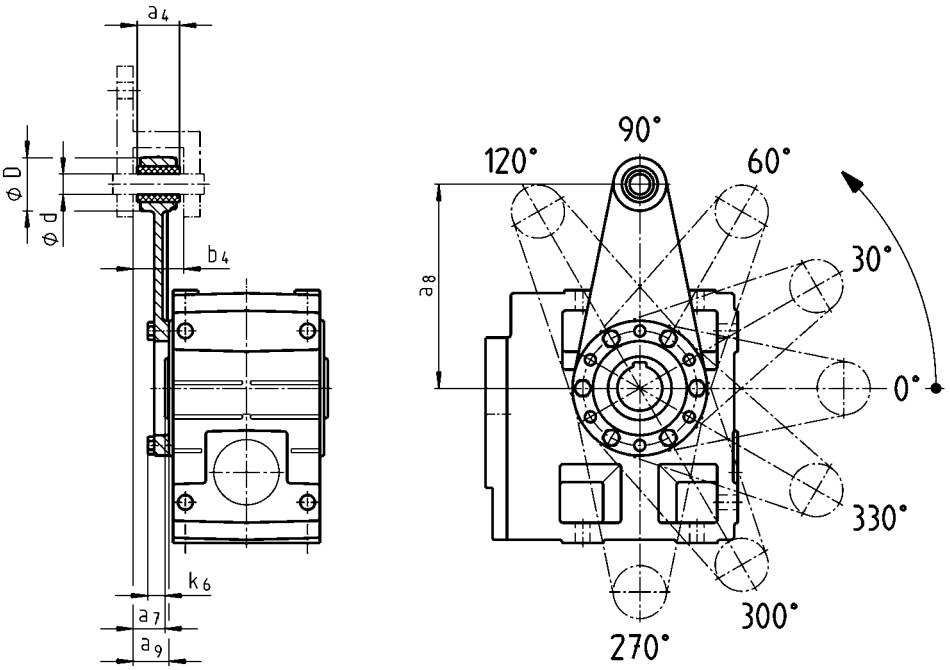
Gearbox with 2nd output shaft end



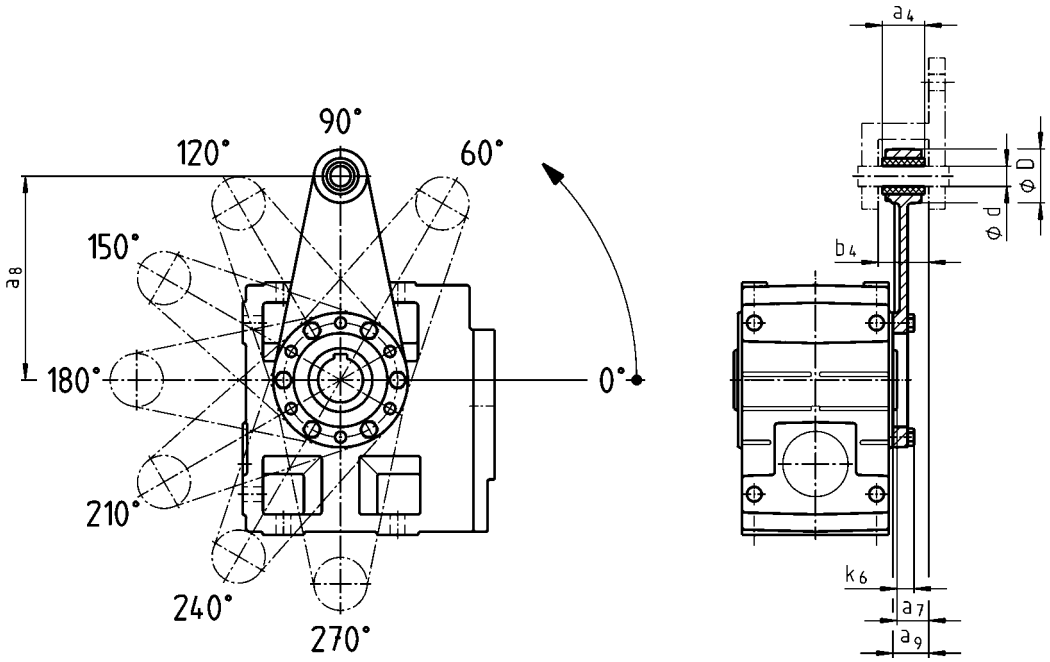
	d	d	l	i_1	o_1
	k6	m6			
GKS04	25		50	52.5	215
GKS05	30		60	64.0	260
GKS06	40		80	85.0	320
GKS07	50		100	105.0	400
GKS09		60	120	125.0	480
GKS11		80	160	166.0	610
GKS14		100	200	207.0	750

Torque plate on threaded pitch circle

In position 3



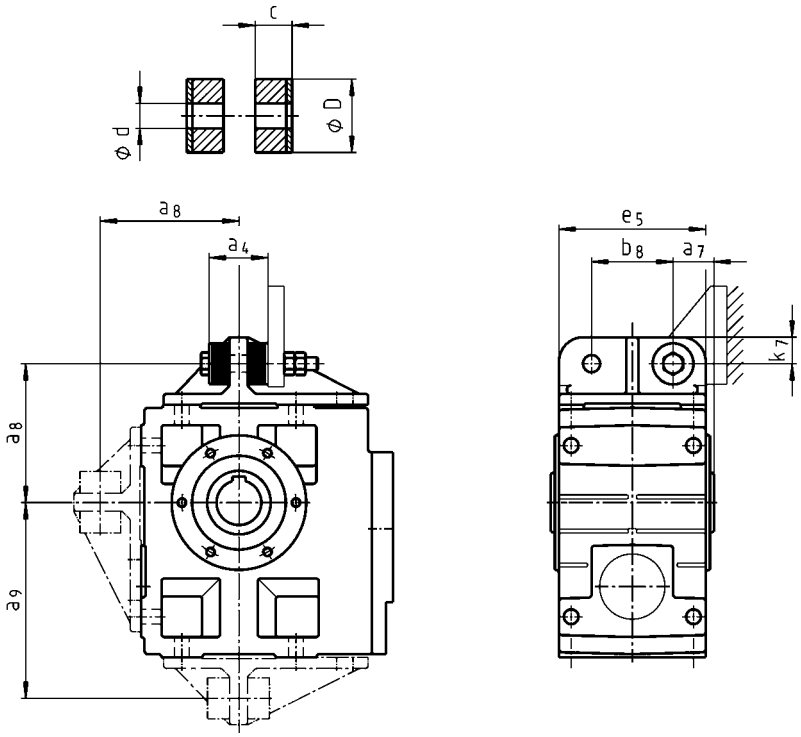
In position 5



	a_4	a_7	a_8	a_9	b_4	d	D	k_6
GKS04	30	24.0	130	26.5	34.5	12	35	16
GKS05	34	23.5	160	27.5	38.5	16	45	15
GKS06	40	28.0	200	33.0	44.5	20	50	18
GKS07	46	32.5	250	37.5	50.5	25	65	21

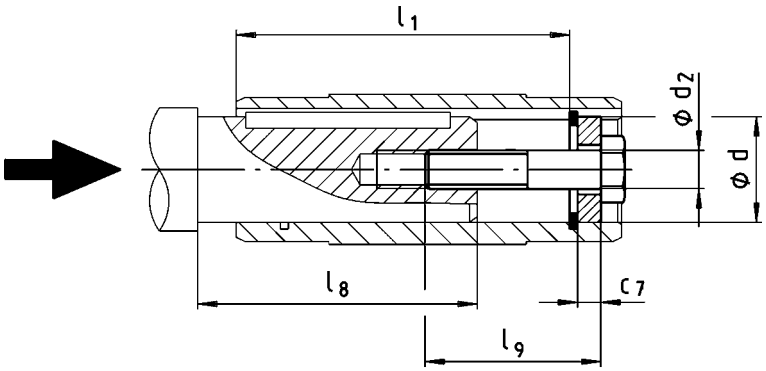
Torque plate at housing foot

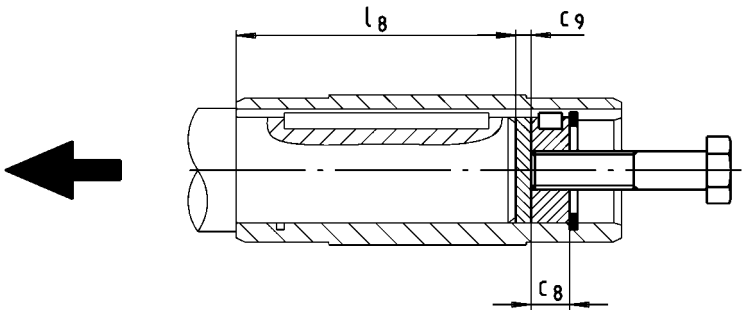
In position 2, 4 or 6



	a_4	a_7	a_8	a_9	b_8	c	d	D	e_5	k_7
GKS04	41	27.5	106	135.0	60	14.5	11	30	100	20
GKS05	45	35.0	115	160.0	70	15.0	13	40	127	25
GKS06	72	40.0	145	195.0	80	27.0	17	50	145	28
GKS07	78	50.0	170	240.0	100	28.0	21	60	180	35
GKS09	86	60.0	214	300.0	120	29.0	26	72	222	46
GKS11	94	72.5	260	375.0	145	30.0	33	92	270	55
GKS14	100	85.0	320	465.0	180		39	110	328	70

Mounting set for hollow shaft circlip - Proposed design for auxiliary tools

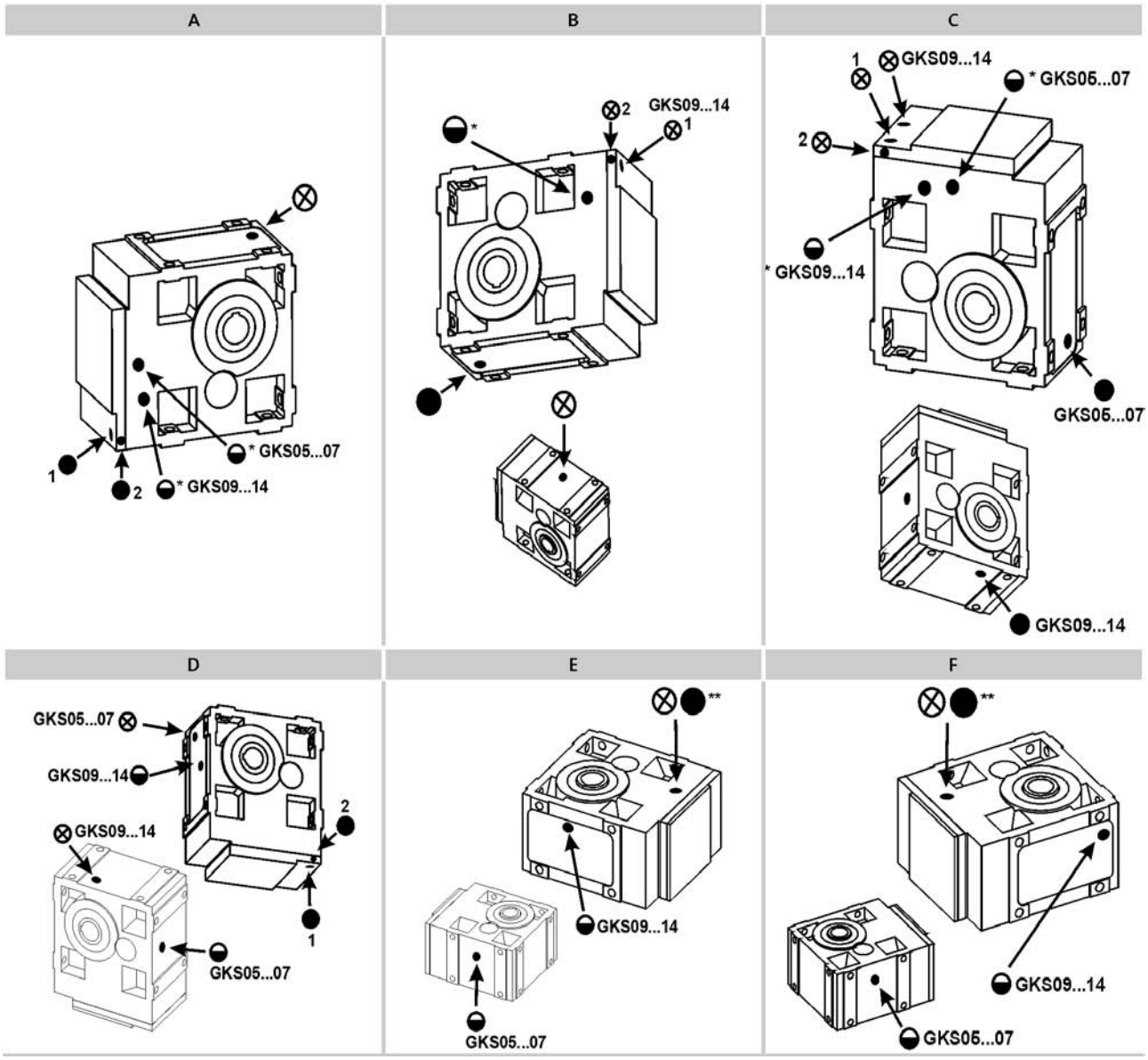




	d	l_1	d_2	l_9	c_7	c_8	c_9	$l_{8,\,max}$
	H7							
GKS04	25 30	100	M10	40	5	10	3	85
GKS05	30 35	124			6			107
			M12	50	7	12		
GKS06	40 45	140	M16	60	8	16	4	118
					9			
GKS07	50 55	175			10		5	148
			M20	80	11	20		
GKS09	60 70	210			13			182
					14			
GKS11	70 80	250					6	221
					16			
GKS14	100	305	M24	100	20	24	8	270

Position of ventilation, sealing elements and oil level check

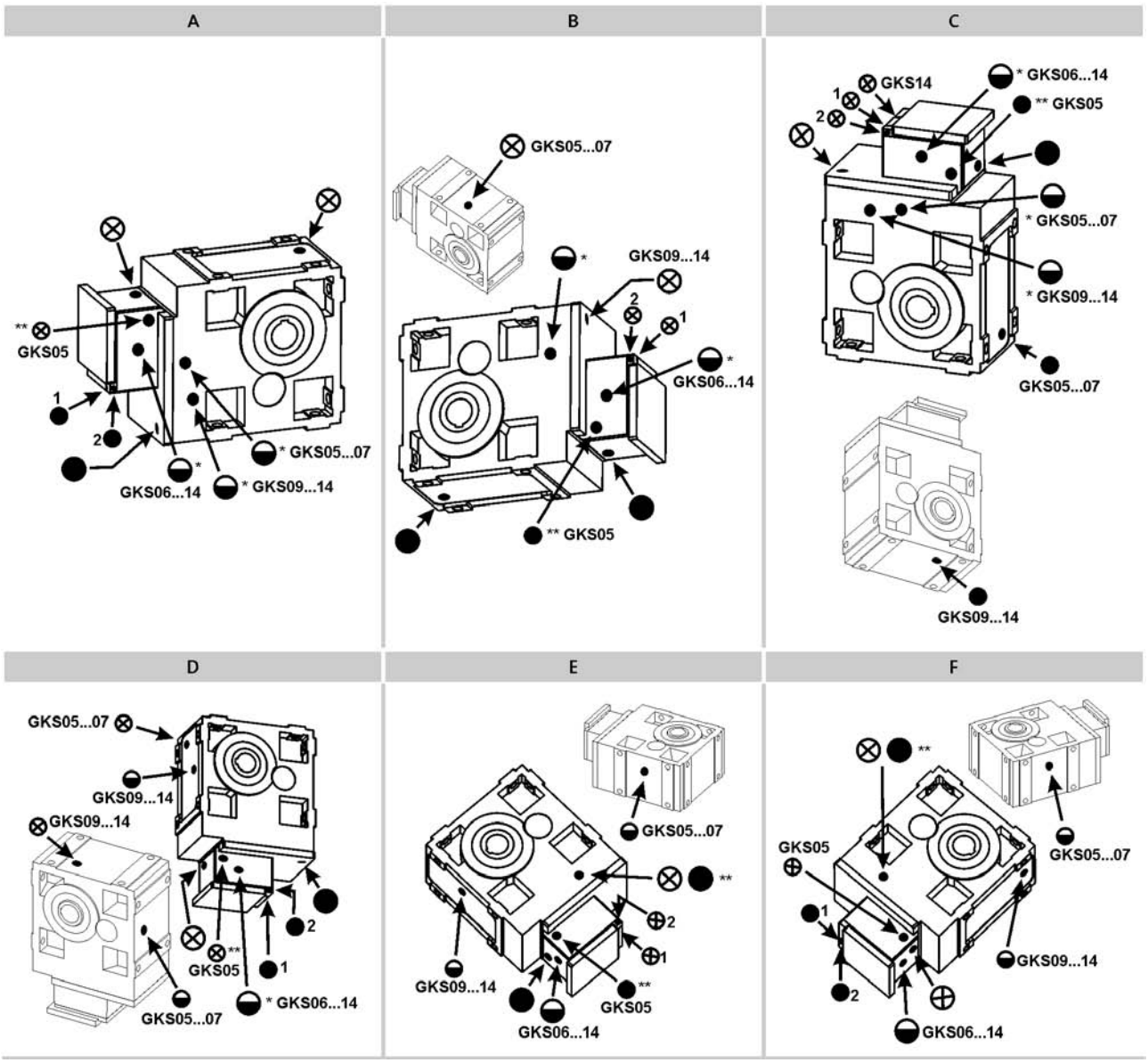
GKS05...14-3



A ... F Mounting position
⊗ Ventilation / Oil filler plug
● Oil drain plug
◒ Oil control plug
* On both sides
** On opposite side

Pos.1 standard
Pos.2 only with:
- GKS05-3□ □□□ 090C□□
- GKS05-3□ □□□ 100C□□

GKS05...14-4



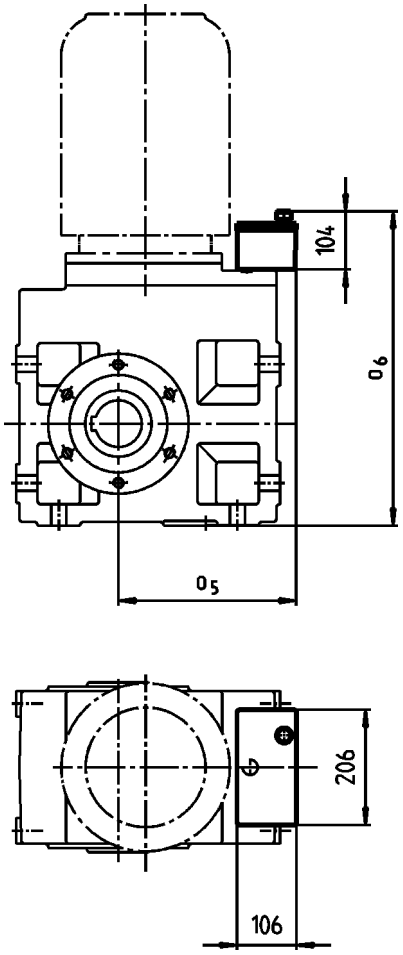
A ... F Mounting position
⊗ Ventilation / Oil filler plug
● Oil drain plug
◒ Oil control plug
* On both sides
** On opposite side

Pos.1 standard
Pos.2 only with:
- GKS07-4□ □□□ 090C□□
- GKS07-4□ □□□ 100C□□

6

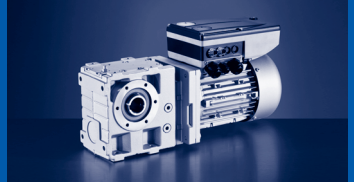
Compensation reservoir for mounting position C

GKS□□-3



Motor	090 100	
	$ø_5$	$ø_6$
	[mm]	[mm]
GKS09	243	533
GKS11	258	626

► Terminal box position 4 not permitted.

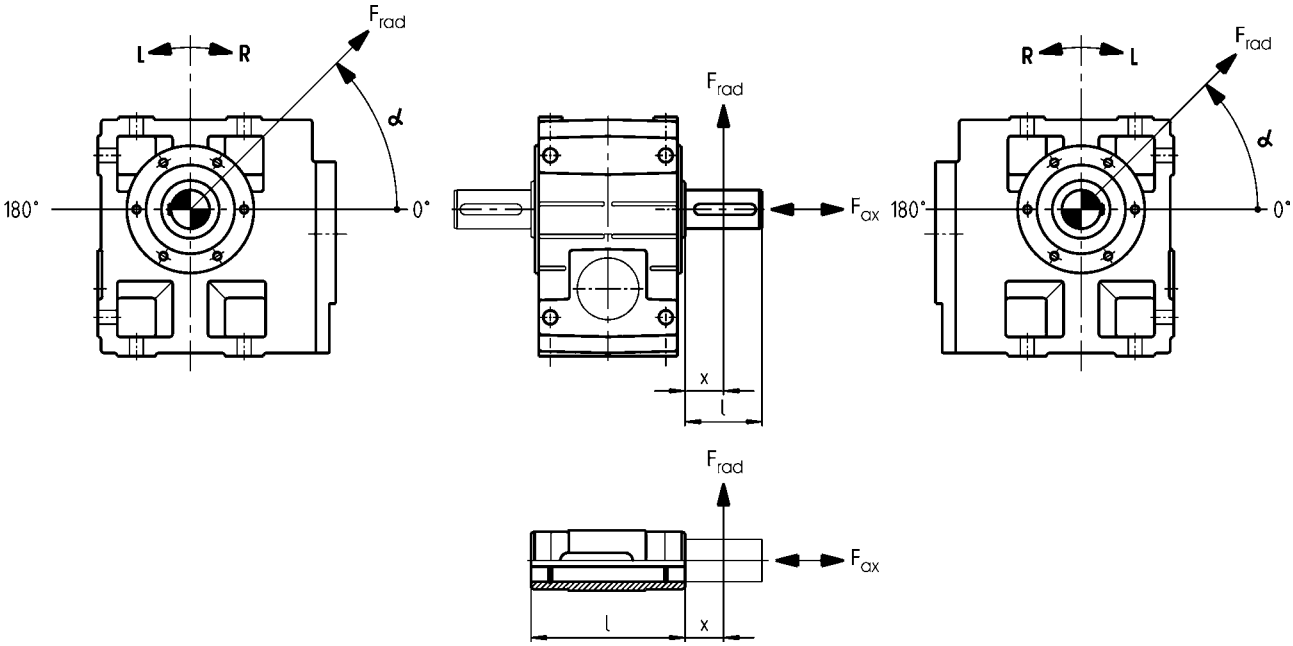


Permissible radial and axial forces at output

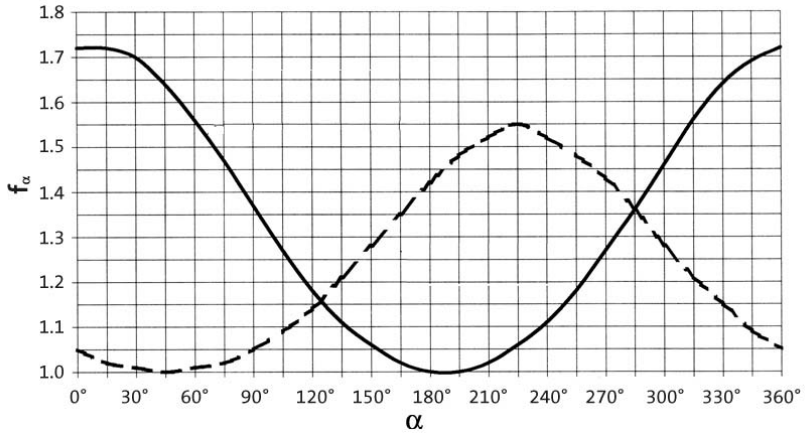
Permissible radial force
$F_{rad,per} = \min(f_w \times f_\alpha \times F_{rad,max}\ ;\ f_w \times F_{rad,max}$ at $n_2 \leq 16$ r/min)

Permissible axial force
$F_{ax,per} = F_{ax,max}$ if $F_{rad} = 0$

If F_{rad} **and** $F_{ax} \neq 0$; please contact Lenze.



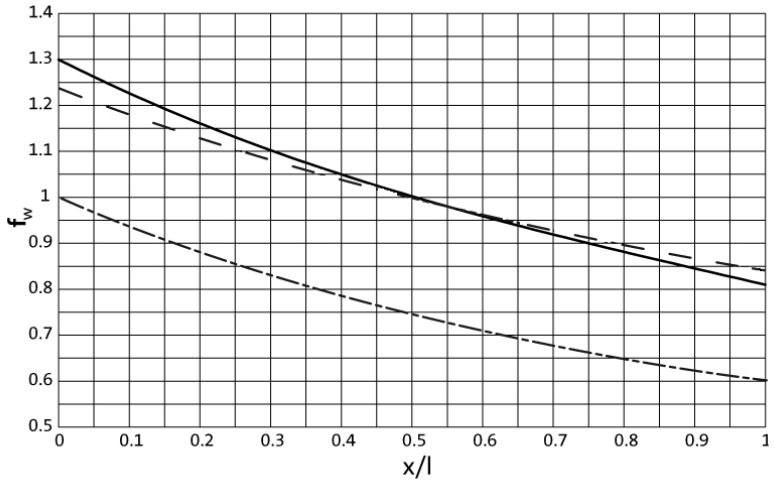
Effective direction factor f_α at output shaft



——— Direction of rotation R
— — — Direction of rotation L

7

Additional load factor f_w at output shaft



——— Solid shaft (V□□)
— — — Solid shaft with flange (V□K)
— · — Hollow shaft (H□□)

GSS□□-2/3□ H□□

Size	n_2 [r/min]								
Gearbox	630	400	250	160	100	63	40	25	≤16
	Max. radial force, Hollow shaft								
	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$
	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]
GSS04	2800	3000	3800	4500	5300	6000	6000	6000	6000
GSS05	3000	3200	3600	4300	5100	6000	7000	7500	7500
GSS06	4400	4600	4800	5600	6600	7700	9100	10700	11500
GSS07	4600	5100	5600	6700	8200	10000	12100	14800	16000
	Max. axial force, Hollow shaft								
	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$
	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]
GSS04	2200	2900	3700	4200	4900	5500	5500	5500	5500
GSS05	1600	2200	2800	3500	4400	5500	6000	6000	6000
GSS06	1900	2500	3200	4100	5200	6500	8200	9000	9000
GSS07	1800	2400	3100	4100	5500	7200	9500	12500	12500

- Application of force F_{rad}: at hollow shaft end face (x = 0)
- $F_{ax,max}$ only valid with F_{rad} = 0
- Neither radial nor axial forces are permissible for the hollow shaft with shrink disc (S□□).

GSS□□-2/3□ V□R

Size	n_2 [r/min]								
Gearbox	630	400	250	160	100	63	40	25	≤16
	Max. radial force, Solid shaft without flange								
	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$
	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]
GSS04	2200	2400	3000	3500	4100	4200	4200	4200	4200
GSS05	2300	2500	2900	3400	4000	4300	4300	4300	4300
GSS06	3400	3500	3600	4200	5000	5900	6900	8200	8500
GSS07	3700	4000	4200	5100	6300	7700	9300	11300	12000
	Max. axial force, Solid shaft without flange								
	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$
	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]
GSS04	2200	2900	3700	4200	4900	5500	5500	5500	5500
GSS05	1600	2200	2800	3500	4400	5500	6000	6000	6000
GSS06	1900	2500	3200	4100	5200	6500	8200	9000	9000
GSS07	1800	2400	3100	4100	5500	7200	9500	12500	12500

GSS□□-2/3□ V□K

Size	n_2 [r/min]								
Gearbox	630	400	250	160	100	63	40	25	≤16
	Max. radial force, Solid shaft with flange								
	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$
	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]
GSS04	2750	3000	4100	4400	4700	4700	4700	4700	4700
GSS05	3450	3750	4900	4900	4900	4900	4900	4900	4900
GSS06	5100	5250	7000	8100	9400	9400	9400	9400	9400
GSS07	5500	6000	7900	9100	10600	12400	14000	14000	14000
	Max. axial force, Solid shaft with flange								
	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$
	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]
GSS04	2100	2800	3500	4000	4200	4200	4200	4200	4200
GSS05	1500	2000	2500	3100	4000	4900	5500	5500	5500
GSS06	1600	2200	2800	3500	4500	5700	7300	8800	8800
GSS07	1400	1900	2400	3200	4300	5900	8000	10000	10000

- Application of force F_{rad}: centre of shaft journal (x = l/2)
- $F_{ax,max}$ only valid with F_{rad} = 0

GSS□□-2

► Moment of inertia (J) depending on ratio i

Gearbox			GSS04
5.639	J	[kgcm²]	1.120
7.733	J	[kgcm²]	0.652
9.042	J	[kgcm²]	0.809
9.897	J	[kgcm²]	0.430
10.827	J	[kgcm²]	0.368
12.400	J	[kgcm²]	0.487
13.810	J	[kgcm²]	0.247
15.869	J	[kgcm²]	0.329
17.360	J	[kgcm²]	0.284
20.417	J	[kgcm²]	0.673
22.143	J	[kgcm²]	0.195
24.800	J	[kgcm²]	0.420
27.125	J	[kgcm²]	0.145
31.738	J	[kgcm²]	0.288
34.100	J	[kgcm²]	0.096
39.200	J	[kgcm²]	0.247
43.917	J	[kgcm²]	0.064
50.000	J	[kgcm²]	0.173
54.250	J	[kgcm²]	0.131
61.250	J	[kgcm²]	0.130
68.200	J	[kgcm²]	0.087
77.000	J	[kgcm²]	0.086
87.833	J	[kgcm²]	0.059
99.167	J	[kgcm²]	0.058
111.318	J	[kgcm²]	0.039
125.682	J	[kgcm²]	0.038
139.500	J	[kgcm²]	0.027
157.500	J	[kgcm²]	0.026
183.786	J	[kgcm²]	0.016
207.500	J	[kgcm²]	0.016

Gearbox			GSS05
5.639	J	[kgcm²]	2.821
7.733	J	[kgcm²]	1.664
9.042	J	[kgcm²]	2.014
9.897	J	[kgcm²]	1.102
10.827	J	[kgcm²]	0.941
12.400	J	[kgcm²]	1.235
13.810	J	[kgcm²]	0.638
15.869	J	[kgcm²]	0.840
17.360	J	[kgcm²]	0.722
20.417	J	[kgcm²]	1.601
22.143	J	[kgcm²]	0.504
24.800	J	[kgcm²]	1.059
27.125	J	[kgcm²]	0.377
31.738	J	[kgcm²]	0.733
35.306	J	[kgcm²]	0.233
39.200	J	[kgcm²]	0.610
43.917	J	[kgcm²]	0.167
50.000	J	[kgcm²]	0.435
54.250	J	[kgcm²]	0.341
61.250	J	[kgcm²]	0.332
70.611	J	[kgcm²]	0.211
79.722	J	[kgcm²]	0.206
87.833	J	[kgcm²]	0.153
99.167	J	[kgcm²]	0.149
113.667	J	[kgcm²]	0.096
128.333	J	[kgcm²]	0.094
137.950	J	[kgcm²]	0.070
155.750	J	[kgcm²]	0.069
176.313	J	[kgcm²]	0.045
199.063	J	[kgcm²]	0.044

► The moments of inertia relate to the drive shaft of the gearbox.
► The total moment of inertia is calculated by adding the values of gearbox, motor and accessories.

- Moment of inertia (J) depending on ratio i

Gearbox			GSS06
5.833	J	[kgcm²]	6.966
8.000	J	[kgcm²]	4.219
9.042	J	[kgcm²]	5.541
10.238	J	[kgcm²]	2.811
11.200	J	[kgcm²]	2.393
12.400	J	[kgcm²]	3.461
14.286	J	[kgcm²]	1.630
15.869	J	[kgcm²]	2.348
17.360	J	[kgcm²]	2.006
20.417	J	[kgcm²]	4.172
22.143	J	[kgcm²]	1.392
24.800	J	[kgcm²]	3.056
27.125	J	[kgcm²]	1.039
31.738	J	[kgcm²]	2.101
35.306	J	[kgcm²]	0.660
39.200	J	[kgcm²]	1.635
43.917	J	[kgcm²]	0.475
50.000	J	[kgcm²]	1.164
54.250	J	[kgcm²]	0.955
61.250	J	[kgcm²]	0.887
70.611	J	[kgcm²]	0.610
79.722	J	[kgcm²]	0.570
87.833	J	[kgcm²]	0.443
99.167	J	[kgcm²]	0.417
113.667	J	[kgcm²]	0.276
128.333	J	[kgcm²]	0.260
137.950	J	[kgcm²]	0.201
155.750	J	[kgcm²]	0.191
174.375	J	[kgcm²]	0.130
196.875	J	[kgcm²]	0.123

Gearbox			GSS07
5.862	J	[kgcm²]	21.357
8.125	J	[kgcm²]	12.754
9.086	J	[kgcm²]	17.436
10.000	J	[kgcm²]	9.140
11.200	J	[kgcm²]	7.498
12.594	J	[kgcm²]	10.713
14.286	J	[kgcm²]	4.837
15.500	J	[kgcm²]	7.792
17.360	J	[kgcm²]	6.424
20.517	J	[kgcm²]	13.579
22.143	J	[kgcm²]	4.177
25.188	J	[kgcm²]	9.590
27.125	J	[kgcm²]	3.130
31.000	J	[kgcm²]	7.051
35.306	J	[kgcm²]	1.955
39.200	J	[kgcm²]	5.368
43.271	J	[kgcm²]	1.433
50.000	J	[kgcm²]	3.527
54.250	J	[kgcm²]	2.888
61.250	J	[kgcm²]	2.698
70.611	J	[kgcm²]	1.812
79.722	J	[kgcm²]	1.700
86.542	J	[kgcm²]	1.338
97.708	J	[kgcm²]	1.263
113.667	J	[kgcm²]	0.833
128.333	J	[kgcm²]	0.789
137.950	J	[kgcm²]	0.609
155.750	J	[kgcm²]	0.579
174.375	J	[kgcm²]	0.391
196.875	J	[kgcm²]	0.373

- The moments of inertia relate to the drive shaft of the gearbox.
- The total moment of inertia is calculated by adding the values of gearbox, motor and accessories.

GSS□□-3

► Moment of inertia (J) depending on ratio i

Gearbox			GSS05
125.476	J	[kgcm²]	0.154
153.708	J	[kgcm²]	0.117
193.233	J	[kgcm²]	0.078
222.133	J	[kgcm²]	0.206
250.952	J	[kgcm²]	0.151
283.333	J	[kgcm²]	0.148
307.417	J	[kgcm²]	0.115
347.083	J	[kgcm²]	0.113
386.467	J	[kgcm²]	0.077
436.333	J	[kgcm²]	0.076
497.722	J	[kgcm²]	0.053
561.944	J	[kgcm²]	0.052
630.803	J	[kgcm²]	0.035
712.197	J	[kgcm²]	0.034
790.500	J	[kgcm²]	0.024
892.500	J	[kgcm²]	0.024
1041.452	J	[kgcm²]	0.015
1175.833	J	[kgcm²]	0.015

Gearbox			GSS06
126.531	J	[kgcm²]	0.310
142.857	J	[kgcm²]	0.298
155.000	J	[kgcm²]	0.271
175.000	J	[kgcm²]	0.263
194.857	J	[kgcm²]	0.144
220.000	J	[kgcm²]	0.139
238.700	J	[kgcm²]	0.128
269.500	J	[kgcm²]	0.124
310.689	J	[kgcm²]	0.112
350.778	J	[kgcm²]	0.110
386.467	J	[kgcm²]	0.103
436.333	J	[kgcm²]	0.102
497.722	J	[kgcm²]	0.069
561.944	J	[kgcm²]	0.068
630.803	J	[kgcm²]	0.045
712.197	J	[kgcm²]	0.044
816.333	J	[kgcm²]	0.042
921.667	J	[kgcm²]	0.042
1023.000	J	[kgcm²]	0.029
1155.000	J	[kgcm²]	0.029
1241.550	J	[kgcm²]	0.028
1401.750	J	[kgcm²]	0.028
1635.693	J	[kgcm²]	0.017
1846.750	J	[kgcm²]	0.017

Gearbox			GSS07
126.531	J	[kgcm²]	0.857
142.857	J	[kgcm²]	0.822
155.000	J	[kgcm²]	0.742
175.000	J	[kgcm²]	0.719
201.746	J	[kgcm²]	0.372
227.778	J	[kgcm²]	0.358
247.139	J	[kgcm²]	0.327
279.028	J	[kgcm²]	0.317
321.673	J	[kgcm²]	0.281
363.179	J	[kgcm²]	0.276
394.245	J	[kgcm²]	0.258
445.116	J	[kgcm²]	0.255
490.403	J	[kgcm²]	0.183
553.681	J	[kgcm²]	0.181
634.639	J	[kgcm²]	0.114
716.528	J	[kgcm²]	0.113
833.556	J	[kgcm²]	0.105
941.111	J	[kgcm²]	0.105
1011.633	J	[kgcm²]	0.076
1142.167	J	[kgcm²]	0.076
1227.755	J	[kgcm²]	0.074
1386.175	J	[kgcm²]	0.073
1569.181	J	[kgcm²]	0.047
1771.656	J	[kgcm²]	0.047

- During start-up, the start-up efficiency η_a of a helical-worm gearbox is lower than its operative efficiency at rated speed. **The start-up efficiency η_a must therefore always be considered when starting under load.**

GSS□□-2

GSS04-2

				n_2 [r/min]											
				10	16	25	32	40	63	100	160	250	400	630	800
5.639	η_a	0.71	$\eta_{c=1}$	0.83	0.86	0.88	0.89	0.89	0.90	0.90	0.90	0.90	0.90	0.89	0.89
7.733	η_a	0.71	$\eta_{c=1}$	0.83	0.86	0.88	0.89	0.89	0.90	0.90	0.90	0.90	0.90	0.89	0.89
9.042	η_a	0.67	$\eta_{c=1}$	0.81	0.84	0.86	0.87	0.87	0.88	0.88	0.87	0.87	0.87	0.87	
9.897	η_a	0.71	$\eta_{c=1}$	0.83	0.86	0.88	0.89	0.89	0.90	0.90	0.90	0.90	0.90	0.89	0.89
10.827	η_a	0.71	$\eta_{c=1}$	0.83	0.86	0.88	0.89	0.89	0.90	0.90	0.90	0.90	0.90	0.89	0.89
12.400	η_a	0.67	$\eta_{c=1}$	0.81	0.84	0.86	0.87	0.87	0.88	0.88	0.87	0.87	0.87	0.87	
13.810	η_a	0.71	$\eta_{c=1}$	0.83	0.86	0.88	0.89	0.89	0.90	0.90	0.90	0.90	0.90	0.89	0.89
15.869	η_a	0.67	$\eta_{c=1}$	0.81	0.84	0.86	0.87	0.87	0.88	0.88	0.87	0.87	0.87	0.87	
17.360	η_a	0.67	$\eta_{c=1}$	0.81	0.84	0.86	0.87	0.87	0.88	0.88	0.87	0.87	0.87	0.87	
20.417	η_a	0.55	$\eta_{c=1}$	0.76	0.78	0.79	0.79	0.79	0.79	0.79	0.78	0.78			
22.143	η_a	0.67	$\eta_{c=1}$	0.81	0.84	0.86	0.87	0.87	0.88	0.88	0.87	0.87	0.87	0.87	
24.800	η_a	0.56	$\eta_{c=1}$	0.77	0.79	0.80	0.81	0.81	0.81	0.80	0.80	0.79			
27.125	η_a	0.67	$\eta_{c=1}$	0.81	0.84	0.86	0.87	0.87	0.88	0.88	0.87	0.87	0.87	0.87	
31.738	η_a	0.56	$\eta_{c=1}$	0.77	0.79	0.80	0.81	0.81	0.81	0.80	0.80	0.79			
34.100	η_a	0.67	$\eta_{c=1}$	0.81	0.84	0.86	0.87	0.87	0.88	0.88	0.87	0.87	0.87	0.87	
39.200	η_a	0.55	$\eta_{c=1}$	0.76	0.78	0.79	0.79	0.79	0.79	0.79	0.78	0.78			
43.917	η_a	0.67	$\eta_{c=1}$	0.81	0.84	0.86	0.87	0.87	0.88	0.88	0.87	0.87	0.87	0.87	
50.000	η_a	0.55	$\eta_{c=1}$	0.76	0.78	0.79	0.79	0.79	0.79	0.79	0.78	0.78			
54.250	η_a	0.56	$\eta_{c=1}$	0.77	0.79	0.80	0.81	0.81	0.81	0.80	0.80	0.79			
61.250	η_a	0.55	$\eta_{c=1}$	0.76	0.78	0.79	0.79	0.79	0.79	0.79	0.78	0.78			
68.200	η_a	0.56	$\eta_{c=1}$	0.77	0.79	0.80	0.81	0.81	0.81	0.80	0.80	0.79			
77.000	η_a	0.55	$\eta_{c=1}$	0.76	0.78	0.79	0.79	0.79	0.79	0.79	0.78	0.78			
87.833	η_a	0.56	$\eta_{c=1}$	0.77	0.79	0.80	0.81	0.81	0.81	0.80	0.80	0.79			
99.167	η_a	0.55	$\eta_{c=1}$	0.76	0.78	0.79	0.79	0.79	0.79	0.79	0.78	0.78			
111.318	η_a	0.56	$\eta_{c=1}$	0.77	0.79	0.80	0.81	0.81	0.81	0.80	0.80	0.79			
125.682	η_a	0.55	$\eta_{c=1}$	0.76	0.78	0.79	0.79	0.79	0.79	0.79	0.78	0.78			
139.500	η_a	0.56	$\eta_{c=1}$	0.77	0.79	0.80	0.81	0.81	0.81	0.80	0.80	0.79			
157.500	η_a	0.55	$\eta_{c=1}$	0.76	0.78	0.79	0.79	0.79	0.79	0.79	0.78	0.78			
183.786	η_a	0.56	$\eta_{c=1}$	0.77	0.79	0.80	0.81	0.81	0.81	0.80	0.80	0.79			
207.500	η_a	0.55	$\eta_{c=1}$	0.76	0.78	0.79	0.79	0.79	0.79	0.79	0.78	0.78			

GSS05-2

				n_2 [r/min]											
				10	16	25	32	40	63	100	160	250	400	630	800
5.639	η_a	0.71	$\eta_{c=1}$	0.85	0.87	0.89	0.90	0.90	0.91	0.91	0.91	0.91	0.90	0.90	0.90
7.733	η_a	0.71	$\eta_{c=1}$	0.85	0.87	0.89	0.90	0.90	0.91	0.91	0.91	0.91	0.90	0.90	0.90
9.042	η_a	0.67	$\eta_{c=1}$	0.83	0.86	0.87	0.88	0.88	0.89	0.89	0.88	0.88	0.88	0.88	
9.897	η_a	0.71	$\eta_{c=1}$	0.85	0.87	0.89	0.90	0.90	0.91	0.91	0.91	0.91	0.90	0.90	0.90
10.827	η_a	0.71	$\eta_{c=1}$	0.85	0.87	0.89	0.90	0.90	0.91	0.91	0.91	0.91	0.90	0.90	0.90
12.400	η_a	0.67	$\eta_{c=1}$	0.83	0.86	0.87	0.88	0.88	0.89	0.89	0.88	0.88	0.88	0.88	
13.810	η_a	0.71	$\eta_{c=1}$	0.85	0.87	0.89	0.90	0.90	0.91	0.91	0.91	0.91	0.90	0.90	0.90
15.869	η_a	0.67	$\eta_{c=1}$	0.83	0.86	0.87	0.88	0.88	0.89	0.89	0.88	0.88	0.88	0.88	
17.360	η_a	0.67	$\eta_{c=1}$	0.83	0.86	0.87	0.88	0.88	0.89	0.89	0.88	0.88	0.88	0.88	
20.417	η_a	0.55	$\eta_{c=1}$	0.79	0.80	0.81	0.81	0.81	0.81	0.81	0.81	0.81			
22.143	η_a	0.67	$\eta_{c=1}$	0.83	0.86	0.87	0.88	0.88	0.89	0.89	0.88	0.88	0.88	0.88	
24.800	η_a	0.57	$\eta_{c=1}$	0.79	0.81	0.82	0.82	0.83	0.83	0.82	0.82	0.82			
27.125	η_a	0.67	$\eta_{c=1}$	0.83	0.86	0.87	0.88	0.88	0.89	0.89	0.88	0.88	0.88	0.88	
31.738	η_a	0.57	$\eta_{c=1}$	0.79	0.81	0.82	0.82	0.83	0.83	0.82	0.82	0.82			
35.306	η_a	0.67	$\eta_{c=1}$	0.83	0.86	0.87	0.88	0.88	0.89	0.89	0.88	0.88	0.88	0.88	
39.200	η_a	0.55	$\eta_{c=1}$	0.79	0.80	0.81	0.81	0.81	0.81	0.81	0.81	0.81			
43.917	η_a	0.67	$\eta_{c=1}$	0.83	0.86	0.87	0.88	0.88	0.89	0.89	0.88	0.88	0.88	0.88	
50.000	η_a	0.55	$\eta_{c=1}$	0.79	0.80	0.81	0.81	0.81	0.81	0.81	0.81	0.81			
54.250	η_a	0.57	$\eta_{c=1}$	0.79	0.81	0.82	0.82	0.83	0.83	0.82	0.82	0.82			
61.250	η_a	0.55	$\eta_{c=1}$	0.79	0.80	0.81	0.81	0.81	0.81	0.81	0.81	0.81			
70.611	η_a	0.57	$\eta_{c=1}$	0.79	0.81	0.82	0.82	0.83	0.83	0.82	0.82	0.82			
79.722	η_a	0.55	$\eta_{c=1}$	0.79	0.80	0.81	0.81	0.81	0.81	0.81	0.81	0.81			
87.833	η_a	0.57	$\eta_{c=1}$	0.79	0.81	0.82	0.82	0.83	0.83	0.82	0.82	0.82			
99.167	η_a	0.55	$\eta_{c=1}$	0.79	0.80	0.81	0.81	0.81	0.81	0.81	0.81	0.81			
113.667	η_a	0.57	$\eta_{c=1}$	0.79	0.81	0.82	0.82	0.83	0.83	0.82	0.82	0.82			
128.333	η_a	0.55	$\eta_{c=1}$	0.79	0.80	0.81	0.81	0.81	0.81	0.81	0.81	0.81			
137.950	η_a	0.57	$\eta_{c=1}$	0.79	0.81	0.82	0.82	0.83	0.83	0.82	0.82	0.82			
155.750	η_a	0.55	$\eta_{c=1}$	0.79	0.80	0.81	0.81	0.81	0.81	0.81	0.81	0.81			
176.313	η_a	0.57	$\eta_{c=1}$	0.79	0.81	0.82	0.82	0.83	0.83	0.82	0.82	0.82			
199.063	η_a	0.55	$\eta_{c=1}$	0.79	0.80	0.81	0.81	0.81	0.81	0.81	0.81	0.81			

GSS06-2

				n_2 [r/min]											
				10	16	25	32	40	63	100	160	250	400	630	800
5.833	η_a	0.72	$\eta_{c=1}$	0.87	0.89	0.90	0.91	0.91	0.91	0.92	0.92	0.92	0.91	0.91	0.91
8.000	η_a	0.72	$\eta_{c=1}$	0.87	0.89	0.90	0.91	0.91	0.91	0.92	0.92	0.92	0.91	0.91	0.91
9.042	η_a	0.67	$\eta_{c=1}$	0.85	0.87	0.88	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	
10.238	η_a	0.72	$\eta_{c=1}$	0.87	0.89	0.90	0.91	0.91	0.91	0.92	0.92	0.92	0.91	0.91	0.91
11.200	η_a	0.72	$\eta_{c=1}$	0.87	0.89	0.90	0.91	0.91	0.91	0.92	0.92	0.92	0.91	0.91	0.91
12.400	η_a	0.67	$\eta_{c=1}$	0.85	0.87	0.88	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.80
14.286	η_a	0.72	$\eta_{c=1}$	0.89	0.90	0.91	0.91	0.91	0.92	0.92	0.92	0.91	0.91	0.91	
15.869	η_a	0.67	$\eta_{c=1}$	0.85	0.87	0.88	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	
17.360	η_a	0.67	$\eta_{c=1}$	0.85	0.87	0.88	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	
20.417	η_a	0.57	$\eta_{c=1}$	0.81	0.82	0.83	0.83	0.83	0.83	0.83	0.83	0.83			
22.143	η_a	0.67	$\eta_{c=1}$	0.85	0.87	0.88	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	
24.800	η_a	0.57	$\eta_{c=1}$	0.81	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83			
27.125	η_a	0.67	$\eta_{c=1}$	0.85	0.87	0.88	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	
31.738	η_a	0.57	$\eta_{c=1}$	0.81	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83			
35.306	η_a	0.67	$\eta_{c=1}$	0.85	0.87	0.88	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	
39.200	η_a	0.57	$\eta_{c=1}$	0.81	0.82	0.83	0.83	0.83	0.83	0.83	0.83	0.83			
43.917	η_a	0.67	$\eta_{c=1}$	0.85	0.87	0.88	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	
50.000	η_a	0.57	$\eta_{c=1}$	0.81	0.82	0.83	0.83	0.83	0.83	0.83	0.83	0.83			
54.250	η_a	0.57	$\eta_{c=1}$	0.81	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83			
61.250	η_a	0.57	$\eta_{c=1}$	0.81	0.82	0.83	0.83	0.83	0.83	0.83	0.83	0.83			
70.611	η_a	0.57	$\eta_{c=1}$	0.81	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83			
79.722	η_a	0.57	$\eta_{c=1}$	0.81	0.82	0.83	0.83	0.83	0.83	0.83	0.83	0.83			
87.833	η_a	0.57	$\eta_{c=1}$	0.81	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83			
99.167	η_a	0.57	$\eta_{c=1}$	0.81	0.82	0.83	0.83	0.83	0.83	0.83	0.83	0.83			
113.667	η_a	0.57	$\eta_{c=1}$	0.81	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83			
128.333	η_a	0.57	$\eta_{c=1}$	0.81	0.82	0.83	0.83	0.83	0.83	0.83	0.83	0.83			
137.950	η_a	0.57	$\eta_{c=1}$	0.81	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83			
155.750	η_a	0.57	$\eta_{c=1}$	0.81	0.82	0.83	0.83	0.83	0.83	0.83	0.83	0.83			
174.375	η_a	0.57	$\eta_{c=1}$	0.81	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83			
196.875	η_a	0.57	$\eta_{c=1}$	0.81	0.82	0.83	0.83	0.83	0.83	0.83	0.83	0.83			

GSS07-2

				n_2 [r/min]											
				10	16	25	32	40	63	100	160	250	400	630	800
5.862	η_a	0.74	$\eta_{c=1}$	0.89	0.91	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
8.125	η_a	0.74	$\eta_{c=1}$	0.89	0.91	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
9.086	η_a	0.69	$\eta_{c=1}$	0.88	0.89	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	
10.000	η_a	0.74	$\eta_{c=1}$	0.89	0.91	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
11.200	η_a	0.74	$\eta_{c=1}$	0.89	0.91	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
12.594	η_a	0.69	$\eta_{c=1}$	0.88	0.89	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	
14.286	η_a	0.74	$\eta_{c=1}$	0.89	0.91	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
15.500	η_a	0.69	$\eta_{c=1}$	0.88	0.89	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	
17.360	η_a	0.69	$\eta_{c=1}$	0.88	0.89	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	
20.517	η_a	0.60	$\eta_{c=1}$	0.84	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85			
22.143	η_a	0.69	$\eta_{c=1}$	0.88	0.89	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	
25.188	η_a	0.60	$\eta_{c=1}$	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85			
27.125	η_a	0.69	$\eta_{c=1}$	0.88	0.89	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	
31.000	η_a	0.60	$\eta_{c=1}$	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85			
35.306	η_a	0.69	$\eta_{c=1}$	0.88	0.89	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	
39.200	η_a	0.60	$\eta_{c=1}$	0.84	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85			
43.271	η_a	0.69	$\eta_{c=1}$	0.88	0.89	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	
50.000	η_a	0.60	$\eta_{c=1}$	0.84	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85			
54.250	η_a	0.60	$\eta_{c=1}$	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85			
61.250	η_a	0.60	$\eta_{c=1}$	0.84	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85			
70.611	η_a	0.60	$\eta_{c=1}$	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85			
79.722	η_a	0.60	$\eta_{c=1}$	0.84	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85			
86.542	η_a	0.60	$\eta_{c=1}$	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85			
97.708	η_a	0.60	$\eta_{c=1}$	0.84	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85			
113.667	η_a	0.60	$\eta_{c=1}$	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85			
128.333	η_a	0.60	$\eta_{c=1}$	0.84	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85			
137.950	η_a	0.60	$\eta_{c=1}$	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85			
155.750	η_a	0.60	$\eta_{c=1}$	0.84	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85			
174.375	η_a	0.60	$\eta_{c=1}$	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85			
196.875	η_a	0.60	$\eta_{c=1}$	0.84	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85			

GSS□□-3

GSS05-3

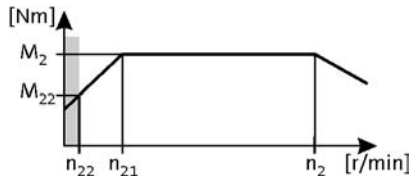
				n_2 [r/min]										
				10	16	25	32	40	63	100	160	250	400	630
125.476	η_a	0.67	$\eta_{c=1}$	0.83	0.86	0.87	0.88	0.88	0.89	0.89	0.88	0.88	0.88	0.88
153.708	η_a	0.67	$\eta_{c=1}$	0.83	0.86	0.87	0.88	0.88	0.89	0.89	0.88	0.88	0.88	0.88
193.233	η_a	0.67	$\eta_{c=1}$	0.83	0.86	0.87	0.88	0.88	0.89	0.89	0.88	0.88	0.88	0.88
222.133	η_a	0.55	$\eta_{c=1}$	0.79	0.80	0.81	0.81	0.81	0.81	0.81	0.81	0.81		
250.952	η_a	0.57	$\eta_{c=1}$	0.79	0.81	0.82	0.82	0.83	0.83	0.82	0.82	0.82		
283.333	η_a	0.55	$\eta_{c=1}$	0.79	0.80	0.81	0.81	0.81	0.81	0.81	0.81	0.81		
307.417	η_a	0.57	$\eta_{c=1}$	0.79	0.81	0.82	0.82	0.83	0.83	0.82	0.82	0.82		
347.083	η_a	0.55	$\eta_{c=1}$	0.79	0.80	0.81	0.81	0.81	0.81	0.81	0.81	0.81		
386.467	η_a	0.57	$\eta_{c=1}$	0.79	0.81	0.82	0.82	0.83	0.83	0.82	0.82	0.82		
436.333	η_a	0.55	$\eta_{c=1}$	0.79	0.80	0.81	0.81	0.81	0.81	0.81	0.81	0.81		
497.722	η_a	0.57	$\eta_{c=1}$	0.79	0.81	0.82	0.82	0.83	0.83	0.82	0.82	0.82		
561.945	η_a	0.55	$\eta_{c=1}$	0.79	0.80	0.81	0.81	0.81	0.81	0.81	0.81	0.81		
630.803	η_a	0.57	$\eta_{c=1}$	0.79	0.81	0.82	0.82	0.83	0.83	0.82	0.82	0.82		
712.197	η_a	0.55	$\eta_{c=1}$	0.79	0.80	0.81	0.81	0.81	0.81	0.81	0.81	0.81		

GSS06-3

				n_2 [r/min]											
				10	16	25	32	40	63	100	160	250	400	630	800
126.531	η_a	0.57	$\eta_{c=1}$	0.81	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.91	0.91	0.91
142.857	η_a	0.57	$\eta_{c=1}$	0.81	0.82	0.83	0.83	0.83	0.83	0.83	0.83	0.83			
155.000	η_a	0.57	$\eta_{c=1}$	0.81	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83			
175.000	η_a	0.57	$\eta_{c=1}$	0.81	0.82	0.83	0.83	0.83	0.83	0.83	0.83	0.83			
194.857	η_a	0.57	$\eta_{c=1}$	0.81	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83			
220.000	η_a	0.57	$\eta_{c=1}$	0.81	0.82	0.83	0.83	0.83	0.83	0.83	0.83	0.83			
238.700	η_a	0.57	$\eta_{c=1}$	0.81	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83			
269.500	η_a	0.57	$\eta_{c=1}$	0.81	0.82	0.83	0.83	0.83	0.83	0.83	0.83	0.83			
310.689	η_a	0.57	$\eta_{c=1}$	0.81	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83			
350.778	η_a	0.57	$\eta_{c=1}$	0.81	0.82	0.83	0.83	0.83	0.83	0.83	0.83	0.83			
386.467	η_a	0.57	$\eta_{c=1}$	0.81	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83			
436.333	η_a	0.57	$\eta_{c=1}$	0.81	0.82	0.83	0.83	0.83	0.83	0.83	0.83	0.83			
497.722	η_a	0.57	$\eta_{c=1}$	0.81	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83			
561.945	η_a	0.57	$\eta_{c=1}$	0.81	0.82	0.83	0.83	0.83	0.83	0.83	0.83	0.83			
630.803	η_a	0.57	$\eta_{c=1}$	0.81	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83			
712.197	η_a	0.57	$\eta_{c=1}$	0.81	0.82	0.83	0.83	0.83	0.83	0.83	0.83	0.83			
816.333	η_a	0.57	$\eta_{c=1}$	0.81	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83			
921.667	η_a	0.57	$\eta_{c=1}$	0.81	0.82	0.83	0.83	0.83	0.83	0.83	0.83	0.83			
1023.000	η_a	0.57	$\eta_{c=1}$	0.81	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83			
1155.000	η_a	0.57	$\eta_{c=1}$	0.81	0.82	0.83	0.83	0.83	0.83	0.83	0.83	0.83			
1241.550	η_a	0.57	$\eta_{c=1}$	0.81	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83			
1401.750	η_a	0.57	$\eta_{c=1}$	0.81	0.82	0.83	0.83	0.83	0.83	0.83	0.83	0.83			
1635.693	η_a	0.57	$\eta_{c=1}$	0.81	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83			
1846.750	η_a	0.57	$\eta_{c=1}$	0.81	0.82	0.83	0.83	0.83	0.83	0.83	0.83	0.83			

GSS07-3

				n_2 [r/min]								
				10	16	25	32	40	63	100	160	250
126.531	η_a	0.60	$\eta_{c=1}$	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85
142.857	η_a	0.60	$\eta_{c=1}$	0.84	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85
155.000	η_a	0.60	$\eta_{c=1}$	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85
175.000	η_a	0.60	$\eta_{c=1}$	0.84	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85
201.746	η_a	0.60	$\eta_{c=1}$	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85
227.778	η_a	0.60	$\eta_{c=1}$	0.84	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85
247.139	η_a	0.60	$\eta_{c=1}$	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85
279.028	η_a	0.60	$\eta_{c=1}$	0.84	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85
321.673	η_a	0.60	$\eta_{c=1}$	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85
363.179	η_a	0.60	$\eta_{c=1}$	0.84	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85
394.245	η_a	0.60	$\eta_{c=1}$	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85
445.116	η_a	0.60	$\eta_{c=1}$	0.84	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85
490.403	η_a	0.60	$\eta_{c=1}$	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85
553.681	η_a	0.60	$\eta_{c=1}$	0.84	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85
634.639	η_a	0.60	$\eta_{c=1}$	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85
716.528	η_a	0.60	$\eta_{c=1}$	0.84	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85
833.556	η_a	0.60	$\eta_{c=1}$	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85
941.111	η_a	0.60	$\eta_{c=1}$	0.84	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85
1011.633	η_a	0.60	$\eta_{c=1}$	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85
1142.167	η_a	0.60	$\eta_{c=1}$	0.84	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85
1227.755	η_a	0.60	$\eta_{c=1}$	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85
1386.175	η_a	0.60	$\eta_{c=1}$	0.84	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85
1569.181	η_a	0.60	$\eta_{c=1}$	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85
1771.656	η_a	0.60	$\eta_{c=1}$	0.84	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85



50 Hz: P_N = 0.37 kW

n_{22} / n_2 = 1 ... 10.0

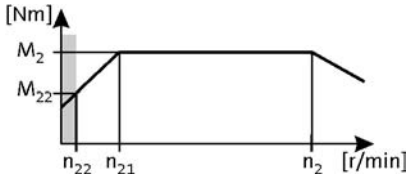
n_1 = 141.0 ... 1410 r/min

n_{22}	n_{21}		n_2	M_{22}	M_2	c	i			
[r/min]	[r/min]		[r/min]	[Nm]	[Nm]					
25	106	-	250	9.2	12	4.0	5.639	GSS04-2M □□□071C32	E84DVB□3714S□1N2G	676
18	78	-	182	12	17	4.0	7.733	GSS04-2M □□□071C32	E84DVB□3714S□1N2G	676
16	66	-	156	14	19	4.0	9.042	GSS04-2M □□□071C32	E84DVB□3714S□1N2G	676
14	61	-	143	16	22	4.5	9.897	GSS04-2M □□□071C32	E84DVB□3714S□1N2G	676
13	55	-	130	17	24	4.0	10.827	GSS05-2M □□□071C32	E84DVB□3714S□1N2G	676
11	48	-	114	19	26	4.0	12.400	GSS04-2M □□□071C32	E84DVB□3714S□1N2G	676
10	43	-	102	21	31	4.2	13.810	GSS04-2M □□□071C32	E84DVB□3714S□1N2G	676
8.9	38	-	89	24	34	4.5	15.869	GSS04-2M □□□071C32	E84DVB□3714S□1N2G	676
8.1	35	-	81	26	37	4.0	17.360	GSS05-2M □□□071C32	E84DVB□3714S□1N2G	676
6.9	29	-	69	28	39	3.8	20.417	GSS04-2M □□□071C32	E84DVB□3714S□1N2G	676
6.4	27	-	64	32	47	3.7	22.143	GSS04-2M □□□071C32	E84DVB□3714S□1N2G	676
5.7	24	-	57	34	49	3.4	24.800	GSS04-2M □□□071C32	E84DVB□3714S□1N2G	676
5.2	22	-	52	39	57	3.1	27.125	GSS04-2M □□□071C32	E84DVB□3714S□1N2G	676
4.4	19	-	44	42	62	2.8	31.738	GSS04-2M □□□071C32	E84DVB□3714S□1N2G	676
4.1	18	-	41	48	72	2.5	34.100	GSS04-2M □□□071C32	E84DVB□3714S□1N2G	676
3.6	15	-	36	50	75	2.4	39.200	GSS04-2M □□□071C32	E84DVB□3714S□1N2G	676
3.2	14	-	32	62	93	1.9	43.917	GSS04-2M □□□071C32	E84DVB□3714S□1N2G	676
3.2	14	-	32	62	95	3.2	43.917	GSS05-2M □□□071C32	E84DVB□3714S□1N2G	676
2.8	12	-	28	62	96	1.9	50.000	GSS04-2M □□□071C32	E84DVB□3714S□1N2G	676
2.6	11	-	26	68	106	1.7	54.250	GSS04-2M □□□071C32	E84DVB□3714S□1N2G	676
2.3	9.8	-	23	74	116	1.5	61.250	GSS04-2M □□□071C32	E84DVB□3714S□1N2G	676
2.1	8.8	-	21	83	132	1.4	68.200	GSS04-2M □□□071C32	E84DVB□3714S□1N2G	676
2.0	8.5	-	20	88	143	2.5	70.611	GSS05-2M □□□071C32	E84DVB□3714S□1N2G	676
1.8	7.8	-	18	90	145	1.2	77.000	GSS04-2M □□□071C32	E84DVB□3714S□1N2G	676
1.8	7.5	-	18	96	159	2.2	79.722	GSS05-2M □□□071C32	E84DVB□3714S□1N2G	676
1.6	6.8	-	16	106	168	1.1	87.833	GSS04-2M □□□071C32	E84DVB□3714S□1N2G	676
1.6	6.8	-	16	106	178	2.0	87.833	GSS05-2M □□□071C32	E84DVB□3714S□1N2G	676
1.4	6.1	-	14	115	184	1.0	99.167	GSS04-2M □□□071C32	E84DVB□3714S□1N2G	676
1.4	6.1	-	14	116	198	1.8	99.167	GSS05-2M □□□071C32	E84DVB□3714S□1N2G	676
1.3	5.4	-	13	135	210	0.9	111.318	GSS04-2M □□□071C32	E84DVB□3714S□1N2G	676
1.2	5.3	-	12	138	229	1.6	113.667	GSS05-2M □□□071C32	E84DVB□3714S□1N2G	676
1.2	5.3	-	12	137	218	3.2	113.667	GSS06-2M □□□071C32	E84DVB□3714S□1N2G	676
1.1	4.8	-	11	146	261	1.3	125.476	GSS05-3M □□□071C32	E84DVB□3714S□1N2G	684
1.1	4.7	-	11	151	253	1.4	128.333	GSS05-2M □□□071C32	E84DVB□3714S□1N2G	676
1.1	4.7	-	11	155	244	2.9	128.333	GSS06-2M □□□071C32	E84DVB□3714S□1N2G	676
1.1	4.7	-	11	150	231	3.0	126.531	GSS06-3M □□□071C32	E84DVB□3714S□1N2G	684
1.0	4.4	-	10	168	275	1.3	137.950	GSS05-2M □□□071C32	E84DVB□3714S□1N2G	676
1.0	4.4	-	10	166	264	2.7	137.950	GSS06-2M □□□071C32	E84DVB□3714S□1N2G	676
1.0	4.2	-	9.9	170	257	2.7	142.857	GSS06-3M □□□071C32	E84DVB□3714S□1N2G	684
0.9	3.9	-	9.2	180	315	1.1	153.708	GSS05-3M □□□071C32	E84DVB□3714S□1N2G	684
0.9	3.9	-	9.1	185	303	1.2	155.750	GSS05-2M □□□071C32	E84DVB□3714S□1N2G	676

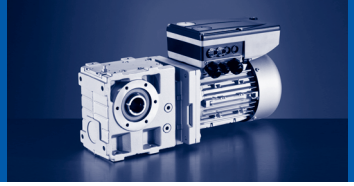
50 Hz: P_N = 0.37 kW

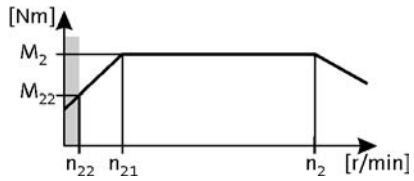
n_{22} / n_2 = 1 ... 10.0

n_1 = 141.0 ... 1410 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
0.9	3.9	-	9.1	189	294	2.4	155.750	GSS06-2M □□□071C32	E84DVB□3714S□1N2G	676
0.9	3.9	-	9.1	184	281	2.5	155.000	GSS06-3M □□□071C32	E84DVB□3714S□1N2G	684
0.8	3.4	-	8.1	210	330	2.2	174.375	GSS06-2M □□□071C32	E84DVB□3714S□1N2G	676
0.8	3.4	-	8.1	209	313	2.3	175.000	GSS06-3M □□□071C32	E84DVB□3714S□1N2G	684
0.8	3.4	-	8.0	216	347	1.0	176.313	GSS05-2M □□□071C32	E84DVB□3714S□1N2G	676
0.7	3.1	-	7.3	227	389	0.9	193.233	GSS05-3M □□□071C32	E84DVB□3714S□1N2G	684
0.7	3.1	-	7.2	239	368	1.9	196.875	GSS06-2M □□□071C32	E84DVB□3714S□1N2G	676
0.7	3.1	-	7.2	233	351	2.0	194.857	GSS06-3M □□□071C32	E84DVB□3714S□1N2G	684
0.7	3.0	-	7.1	237	383	0.9	199.063	GSS05-2M □□□071C32	E84DVB□3714S□1N2G	676
0.6	2.7	-	6.4	261	418	0.9	222.133	GSS05-3M □□□071C32	E84DVB□3714S□1N2G	684
0.6	2.7	-	6.4	263	391	1.8	220.000	GSS06-3M □□□071C32	E84DVB□3714S□1N2G	684
0.6	2.6	-	6.2	278	414	3.0	227.778	GSS07-3M □□□071C32	E84DVB□3714S□1N2G	684
0.6	2.5	-	5.9	286	427	1.7	238.700	GSS06-3M □□□071C32	E84DVB□3714S□1N2G	684
0.6	2.4	-	5.7	302	453	2.7	247.139	GSS07-3M □□□071C32	E84DVB□3714S□1N2G	684
0.5	2.2	-	5.2	324	474	1.5	269.500	GSS06-3M □□□071C32	E84DVB□3714S□1N2G	684
0.5	2.2	-	5.1	342	504	2.4	279.028	GSS07-3M □□□071C32	E84DVB□3714S□1N2G	684
0.5	1.9	-	4.5	375	547	1.3	310.689	GSS06-3M □□□071C32	E84DVB□3714S□1N2G	684
0.4	1.9	-	4.4	397	585	2.1	321.673	GSS07-3M □□□071C32	E84DVB□3714S□1N2G	684
0.4	1.7	-	4.0	424	605	1.2	350.778	GSS06-3M □□□071C32	E84DVB□3714S□1N2G	684
0.4	1.7	-	3.9	451	650	1.9	363.179	GSS07-3M □□□071C32	E84DVB□3714S□1N2G	684
0.4	1.6	-	3.7	469	668	1.1	386.467	GSS06-3M □□□071C32	E84DVB□3714S□1N2G	684
0.4	1.5	-	3.6	491	709	1.7	394.245	GSS07-3M □□□071C32	E84DVB□3714S□1N2G	684
0.3	1.4	-	3.2	530	737	1.0	436.333	GSS06-3M □□□071C32	E84DVB□3714S□1N2G	684
0.3	1.4	-	3.2	556	787	1.6	445.116	GSS07-3M □□□071C32	E84DVB□3714S□1N2G	684
0.3	1.2	-	2.9	614	869	1.4	490.403	GSS07-3M □□□071C32	E84DVB□3714S□1N2G	684
0.3	1.2	-	2.8	606	841	0.9	497.722	GSS06-3M □□□071C32	E84DVB□3714S□1N2G	684
0.3	1.1	-	2.6	696	963	1.3	553.681	GSS07-3M □□□071C32	E84DVB□3714S□1N2G	684
0.2	1.0	-	2.2	800	1101	1.1	634.639	GSS07-3M □□□071C32	E84DVB□3714S□1N2G	684
0.2	0.8	-	2.0	905	1218	1.0	716.528	GSS07-3M □□□071C32	E84DVB□3714S□1N2G	684
0.2	0.7	-	1.7	1056	1413	0.9	833.556	GSS07-3M □□□071C32	E84DVB□3714S□1N2G	684
0.2	0.6	-	1.5	1195	1563	0.8	941.111	GSS07-3M □□□071C32	E84DVB□3714S□1N2G	684





50 Hz: P_N = 0.55 kW

n_{22} / n_2 = 1 ... 10.0

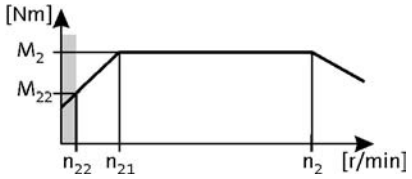
n_1 = 140.5 ... 1405 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
25	106	-	249	14	18	4.5	5.639	GSS04-2M □□□071C42	E84DVB□5514S□1N2G	676
18	78	-	182	18	25	4.5	7.733	GSS04-2M □□□071C42	E84DVB□5514S□1N2G	676
16	66	-	155	21	29	4.5	9.042	GSS04-2M □□□071C42	E84DVB□5514S□1N2G	676
14	61	-	142	23	33	4.2	9.897	GSS04-2M □□□071C42	E84DVB□5514S□1N2G	676
13	55	-	130	25	36	4.2	10.827	GSS04-2M □□□071C42	E84DVB□5514S□1N2G	676
11	48	-	113	28	39	4.2	12.400	GSS04-2M □□□071C42	E84DVB□5514S□1N2G	676
10	43	-	102	32	46	3.4	13.810	GSS04-2M □□□071C42	E84DVB□5514S□1N2G	676
8.9	38	-	89	36	51	3.5	15.869	GSS04-2M □□□071C42	E84DVB□5514S□1N2G	676
8.1	35	-	81	39	55	3.2	17.360	GSS04-2M □□□071C42	E84DVB□5514S□1N2G	676
6.9	29	-	69	42	60	2.5	20.417	GSS04-2M □□□071C42	E84DVB□5514S□1N2G	676
6.4	27	-	64	49	71	2.5	22.143	GSS04-2M □□□071C42	E84DVB□5514S□1N2G	676
5.7	24	-	57	51	74	2.3	24.800	GSS04-2M □□□071C42	E84DVB□5514S□1N2G	676
5.2	22	-	52	59	87	2.1	27.125	GSS04-2M □□□071C42	E84DVB□5514S□1N2G	676
4.4	19	-	44	64	94	1.9	31.738	GSS04-2M □□□071C42	E84DVB□5514S□1N2G	676
4.4	19	-	44	64	95	3.1	31.738	GSS05-2M □□□071C42	E84DVB□5514S□1N2G	676
4.1	18	-	41	73	109	1.6	34.100	GSS04-2M □□□071C42	E84DVB□5514S□1N2G	676
4.0	17	-	40	76	114	3.1	35.306	GSS05-2M □□□071C42	E84DVB□5514S□1N2G	676
3.6	15	-	36	76	114	1.6	39.200	GSS04-2M □□□071C42	E84DVB□5514S□1N2G	676
3.6	15	-	36	77	116	2.7	39.200	GSS05-2M □□□071C42	E84DVB□5514S□1N2G	676
3.2	14	-	32	93	139	1.3	43.917	GSS04-2M □□□071C42	E84DVB□5514S□1N2G	676
3.2	14	-	32	93	143	2.5	43.917	GSS05-2M □□□071C42	E84DVB□5514S□1N2G	676
3.2	14	-	32	95	140	3.2	43.917	GSS06-2M □□□071C42	E84DVB□5514S□1N2G	676
2.8	12	-	28	94	144	1.3	50.000	GSS04-2M □□□071C42	E84DVB□5514S□1N2G	676
2.8	12	-	28	96	149	2.3	50.000	GSS05-2M □□□071C42	E84DVB□5514S□1N2G	676
2.6	11	-	26	103	159	1.1	54.250	GSS04-2M □□□071C42	E84DVB□5514S□1N2G	676
2.6	11	-	26	105	165	2.2	54.250	GSS05-2M □□□071C42	E84DVB□5514S□1N2G	676
2.3	9.8	-	23	112	174	1.0	61.250	GSS04-2M □□□071C42	E84DVB□5514S□1N2G	676
2.3	9.8	-	23	115	183	1.9	61.250	GSS05-2M □□□071C42	E84DVB□5514S□1N2G	676
2.1	8.8	-	21	125	198	0.9	68.200	GSS04-2M □□□071C42	E84DVB□5514S□1N2G	676
2.0	8.5	-	20	133	215	1.7	70.611	GSS05-2M □□□071C42	E84DVB□5514S□1N2G	676
1.8	7.8	-	18	136	217	0.8	77.000	GSS04-2M □□□071C42	E84DVB□5514S□1N2G	676
1.8	7.5	-	18	145	240	1.5	79.722	GSS05-2M □□□071C42	E84DVB□5514S□1N2G	676
1.8	7.5	-	18	150	232	3.0	79.722	GSS06-2M □□□071C42	E84DVB□5514S□1N2G	676
1.6	6.8	-	16	161	268	1.3	87.833	GSS05-2M □□□071C42	E84DVB□5514S□1N2G	676
1.6	6.8	-	16	162	257	2.7	87.833	GSS06-2M □□□071C42	E84DVB□5514S□1N2G	676
1.4	6.1	-	14	176	297	1.2	99.167	GSS05-2M □□□071C42	E84DVB□5514S□1N2G	676
1.4	6.1	-	14	182	287	2.5	99.167	GSS06-2M □□□071C42	E84DVB□5514S□1N2G	676
1.2	5.3	-	12	208	344	1.1	113.667	GSS05-2M □□□071C42	E84DVB□5514S□1N2G	676
1.2	5.3	-	12	209	330	2.2	113.667	GSS06-2M □□□071C42	E84DVB□5514S□1N2G	676
1.1	4.8	-	11	220	391	0.9	125.476	GSS05-3M □□□071C42	E84DVB□5514S□1N2G	684
1.1	4.7	-	11	228	379	1.0	128.333	GSS05-2M □□□071C42	E84DVB□5514S□1N2G	676

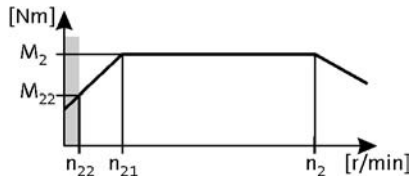
50 Hz: P_N = 0.55 kW

n_{22} / n_2 = 1 ... 10.0

n_1 = 140.5 ... 1405 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
1.1	4.7	-	11	236	368	1.9	128.333	GSS06-2M □□□071C42	E84DVB□5514S□1N2G	676
1.1	4.7	-	11	228	349	2.0	126.531	GSS06-3M □□□071C42	E84DVB□5514S□1N2G	684
1.0	4.4	-	10	254	413	0.9	137.950	GSS05-2M □□□071C42	E84DVB□5514S□1N2G	676
1.0	4.4	-	10	253	398	1.8	137.950	GSS06-2M □□□071C42	E84DVB□5514S□1N2G	676
1.0	4.2	-	9.8	258	388	1.8	142.857	GSS06-3M □□□071C42	E84DVB□5514S□1N2G	684
1.0	4.2	-	9.8	266	397	3.1	142.857	GSS07-3M □□□071C42	E84DVB□5514S□1N2G	684
0.9	3.9	-	9.1	280	424	1.7	155.000	GSS06-3M □□□071C42	E84DVB□5514S□1N2G	684
0.9	3.9	-	9.1	289	437	2.8	155.000	GSS07-3M □□□071C42	E84DVB□5514S□1N2G	684
0.9	3.9	-	9.0	286	443	1.6	155.750	GSS06-2M □□□071C42	E84DVB□5514S□1N2G	676
0.8	3.4	-	8.1	320	498	1.4	174.375	GSS06-2M □□□071C42	E84DVB□5514S□1N2G	676
0.8	3.4	-	8.0	316	472	1.5	175.000	GSS06-3M □□□071C42	E84DVB□5514S□1N2G	684
0.8	3.4	-	8.0	325	485	2.5	175.000	GSS07-3M □□□071C42	E84DVB□5514S□1N2G	684
0.7	3.1	-	7.2	352	529	1.4	194.857	GSS06-3M □□□071C42	E84DVB□5514S□1N2G	684
0.7	3.1	-	7.1	362	554	1.3	196.875	GSS06-2M □□□071C42	E84DVB□5514S□1N2G	676
0.7	3.0	-	7.0	375	561	2.2	201.746	GSS07-3M □□□071C42	E84DVB□5514S□1N2G	684
0.6	2.7	-	6.4	398	589	1.2	220.000	GSS06-3M □□□071C42	E84DVB□5514S□1N2G	684
0.6	2.6	-	6.2	423	625	2.0	227.778	GSS07-3M □□□071C42	E84DVB□5514S□1N2G	684
0.6	2.5	-	5.9	432	642	1.1	238.700	GSS06-3M □□□071C42	E84DVB□5514S□1N2G	684
0.6	2.4	-	5.7	459	684	1.8	247.139	GSS07-3M □□□071C42	E84DVB□5514S□1N2G	684
0.5	2.2	-	5.2	488	712	1.0	269.500	GSS06-3M □□□071C42	E84DVB□5514S□1N2G	684
0.5	2.2	-	5.0	519	761	1.6	279.028	GSS07-3M □□□071C42	E84DVB□5514S□1N2G	684
0.5	1.9	-	4.5	564	821	0.9	310.689	GSS06-3M □□□071C42	E84DVB□5514S□1N2G	684
0.4	1.9	-	4.4	601	881	1.4	321.673	GSS07-3M □□□071C42	E84DVB□5514S□1N2G	684
0.4	1.7	-	3.9	681	978	1.3	363.179	GSS07-3M □□□071C42	E84DVB□5514S□1N2G	684
0.4	1.5	-	3.6	741	1066	1.2	394.245	GSS07-3M □□□071C42	E84DVB□5514S□1N2G	684
0.3	1.4	-	3.2	838	1182	1.1	445.116	GSS07-3M □□□071C42	E84DVB□5514S□1N2G	684
0.3	1.2	-	2.9	925	1304	1.0	490.403	GSS07-3M □□□071C42	E84DVB□5514S□1N2G	684
0.3	1.1	-	2.5	1047	1445	0.9	553.681	GSS07-3M □□□071C42	E84DVB□5514S□1N2G	684



50 Hz: P_N = 0.75 kW

n_{22} / n_2 = 1 ... 10.0

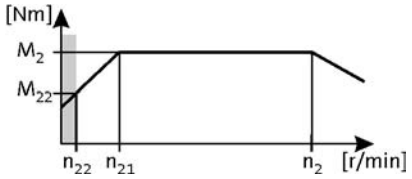
n_1 = 141.0 ... 1410 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
25	106	-	250	19	25	4.2	5.639	GSS04-2M □□□080C32	E84DVB□7514S□1N2G	676
18	78	-	182	25	35	4.2	7.733	GSS04-2M □□□080C32	E84DVB□7514S□1N2G	676
16	66	-	156	29	39	3.8	9.042	GSS04-2M □□□080C32	E84DVB□7514S□1N2G	676
14	61	-	143	32	45	3.5	9.897	GSS04-2M □□□080C32	E84DVB□7514S□1N2G	676
13	55	-	130	35	49	3.2	10.827	GSS04-2M □□□080C32	E84DVB□7514S□1N2G	676
11	48	-	114	39	54	3.1	12.400	GSS04-2M □□□080C32	E84DVB□7514S□1N2G	676
10	43	-	102	44	63	2.5	13.810	GSS04-2M □□□080C32	E84DVB□7514S□1N2G	676
8.9	38	-	89	49	69	2.6	15.869	GSS04-2M □□□080C32	E84DVB□7514S□1N2G	676
8.1	35	-	81	54	76	2.3	17.360	GSS04-2M □□□080C32	E84DVB□7514S□1N2G	676
6.9	29	-	69	58	82	1.9	20.417	GSS04-2M □□□080C32	E84DVB□7514S□1N2G	676
6.4	27	-	64	67	97	1.8	22.143	GSS04-2M □□□080C32	E84DVB□7514S□1N2G	676
5.7	24	-	57	71	101	1.7	24.800	GSS04-2M □□□080C32	E84DVB□7514S□1N2G	676
5.2	22	-	52	82	118	1.5	27.125	GSS04-2M □□□080C32	E84DVB□7514S□1N2G	676
5.2	22	-	52	82	120	2.9	27.125	GSS05-2M □□□080C32	E84DVB□7514S□1N2G	676
4.4	19	-	44	88	129	1.4	31.738	GSS04-2M □□□080C32	E84DVB□7514S□1N2G	676
4.4	19	-	44	89	131	2.3	31.738	GSS05-2M □□□080C32	E84DVB□7514S□1N2G	676
4.1	18	-	41	101	148	1.2	34.100	GSS04-2M □□□080C32	E84DVB□7514S□1N2G	676
4.0	17	-	40	105	157	2.3	35.306	GSS05-2M □□□080C32	E84DVB□7514S□1N2G	676
3.6	15	-	36	105	155	1.2	39.200	GSS04-2M □□□080C32	E84DVB□7514S□1N2G	676
3.6	15	-	36	107	159	2.0	39.200	GSS05-2M □□□080C32	E84DVB□7514S□1N2G	676
3.2	14	-	32	128	190	1.0	43.917	GSS04-2M □□□080C32	E84DVB□7514S□1N2G	676
3.2	14	-	32	129	196	1.8	43.917	GSS05-2M □□□080C32	E84DVB□7514S□1N2G	676
3.2	14	-	32	130	191	2.9	43.917	GSS06-2M □□□080C32	E84DVB□7514S□1N2G	676
2.8	12	-	28	129	196	0.9	50.000	GSS04-2M □□□080C32	E84DVB□7514S□1N2G	676
2.8	12	-	28	133	204	1.7	50.000	GSS05-2M □□□080C32	E84DVB□7514S□1N2G	676
2.6	11	-	26	141	217	0.8	54.250	GSS04-2M □□□080C32	E84DVB□7514S□1N2G	676
2.6	11	-	26	145	226	1.6	54.250	GSS05-2M □□□080C32	E84DVB□7514S□1N2G	676
2.3	9.8	-	23	159	251	1.4	61.250	GSS05-2M □□□080C32	E84DVB□7514S□1N2G	676
2.0	8.5	-	20	183	294	1.2	70.611	GSS05-2M □□□080C32	E84DVB□7514S□1N2G	676
2.0	8.5	-	20	185	285	2.5	70.611	GSS06-2M □□□080C32	E84DVB□7514S□1N2G	676
1.8	7.5	-	18	200	328	1.1	79.722	GSS05-2M □□□080C32	E84DVB□7514S□1N2G	676
1.8	7.5	-	18	208	318	2.2	79.722	GSS06-2M □□□080C32	E84DVB□7514S□1N2G	676
1.6	6.8	-	16	221	365	1.0	87.833	GSS05-2M □□□080C32	E84DVB□7514S□1N2G	676
1.6	6.8	-	16	225	352	2.0	87.833	GSS06-2M □□□080C32	E84DVB□7514S□1N2G	676
1.4	6.1	-	14	242	405	0.9	99.167	GSS05-2M □□□080C32	E84DVB□7514S□1N2G	676
1.4	6.1	-	14	252	393	1.8	99.167	GSS06-2M □□□080C32	E84DVB□7514S□1N2G	676
1.2	5.3	-	12	288	452	1.6	113.667	GSS06-2M □□□080C32	E84DVB□7514S□1N2G	676
1.2	5.3	-	12	300	462	2.7	113.667	GSS07-2M □□□080C32	E84DVB□7514S□1N2G	676
1.1	4.7	-	11	325	503	1.4	128.333	GSS06-2M □□□080C32	E84DVB□7514S□1N2G	676
1.1	4.7	-	11	315	478	1.5	126.531	GSS06-3M □□□080C32	E84DVB□7514S□1N2G	684
1.1	4.7	-	11	338	516	2.4	128.333	GSS07-2M □□□080C32	E84DVB□7514S□1N2G	676

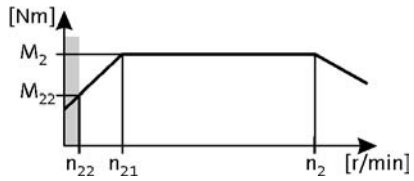
50 Hz: P_N = 0.75 kW

n_{22} / n_2 = 1 ... 10.0

n_1 = 141.0 ... 1410 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
1.1	4.7	-	11	328	490	2.5	126.531	GSS07-3M □□□080C32	E84DVB□7514S□1N2G	684
1.0	4.4	-	10	348	544	1.3	137.950	GSS06-2M □□□080C32	E84DVB□7514S□1N2G	676
1.0	4.4	-	10	361	560	2.2	137.950	GSS07-2M □□□080C32	E84DVB□7514S□1N2G	676
1.0	4.2	-	9.9	355	530	1.4	142.857	GSS06-3M □□□080C32	E84DVB□7514S□1N2G	684
1.0	4.2	-	9.9	369	546	2.3	142.857	GSS07-3M □□□080C32	E84DVB□7514S□1N2G	684
0.9	3.9	-	9.1	386	579	1.2	155.000	GSS06-3M □□□080C32	E84DVB□7514S□1N2G	684
0.9	3.9	-	9.1	394	605	1.2	155.750	GSS06-2M □□□080C32	E84DVB□7514S□1N2G	676
0.9	3.9	-	9.1	408	623	2.0	155.750	GSS07-2M □□□080C32	E84DVB□7514S□1N2G	676
0.9	3.9	-	9.1	400	599	2.1	155.000	GSS07-3M □□□080C32	E84DVB□7514S□1N2G	684
0.8	3.4	-	8.1	435	645	1.1	175.000	GSS06-3M □□□080C32	E84DVB□7514S□1N2G	684
0.8	3.4	-	8.1	438	679	1.1	174.375	GSS06-2M □□□080C32	E84DVB□7514S□1N2G	676
0.8	3.4	-	8.1	453	701	1.8	174.375	GSS07-2M □□□080C32	E84DVB□7514S□1N2G	676
0.8	3.4	-	8.1	450	664	1.9	175.000	GSS07-3M □□□080C32	E84DVB□7514S□1N2G	684
0.7	3.1	-	7.2	484	722	1.0	194.857	GSS06-3M □□□080C32	E84DVB□7514S□1N2G	684
0.7	3.1	-	7.2	497	755	1.0	196.875	GSS06-2M □□□080C32	E84DVB□7514S□1N2G	676
0.7	3.1	-	7.2	514	782	1.6	196.875	GSS07-2M □□□080C32	E84DVB□7514S□1N2G	676
0.7	3.0	-	7.0	518	768	1.6	201.746	GSS07-3M □□□080C32	E84DVB□7514S□1N2G	684
0.6	2.7	-	6.4	547	803	0.9	220.000	GSS06-3M □□□080C32	E84DVB□7514S□1N2G	684
0.6	2.6	-	6.2	583	855	1.5	227.778	GSS07-3M □□□080C32	E84DVB□7514S□1N2G	684
0.6	2.5	-	5.9	593	876	0.8	238.700	GSS06-3M □□□080C32	E84DVB□7514S□1N2G	684
0.6	2.4	-	5.7	632	935	1.3	247.139	GSS07-3M □□□080C32	E84DVB□7514S□1N2G	684
0.5	2.2	-	5.1	715	1039	1.2	279.028	GSS07-3M □□□080C32	E84DVB□7514S□1N2G	684
0.4	1.9	-	4.4	827	1203	1.0	321.673	GSS07-3M □□□080C32	E84DVB□7514S□1N2G	684
0.4	1.7	-	3.9	936	1335	0.9	363.179	GSS07-3M □□□080C32	E84DVB□7514S□1N2G	684
0.4	1.5	-	3.6	1017	1455	0.9	394.245	GSS07-3M □□□080C32	E84DVB□7514S□1N2G	684



50 Hz: P_N = 1.10 kW

n_{22} / n_2 = 1 ... 10.0

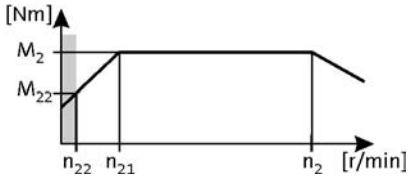
n_1 = 139.0 ... 1390 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
25	160	-	247	20	37	3.9	5.639	GSS04-2M □□□080C42	E84DVB□1124S□1N2G	676
18	116	-	180	28	52	3.0	7.733	GSS04-2M □□□080C42	E84DVB□1124S□1N2G	676
15	100	-	154	32	59	2.6	9.042	GSS04-2M □□□080C42	E84DVB□1124S□1N2G	676
14	91	-	140	36	67	2.4	9.897	GSS04-2M □□□080C42	E84DVB□1124S□1N2G	676
13	83	-	128	39	74	2.2	10.827	GSS04-2M □□□080C42	E84DVB□1124S□1N2G	676
11	73	-	112	44	82	2.1	12.400	GSS04-2M □□□080C42	E84DVB□1124S□1N2G	676
10	65	-	101	50	95	1.7	13.810	GSS04-2M □□□080C42	E84DVB□1124S□1N2G	676
10	65	-	101	49	94	2.9	13.810	GSS05-2M □□□080C42	E84DVB□1124S□1N2G	676
8.8	57	-	88	55	104	1.7	15.869	GSS04-2M □□□080C42	E84DVB□1124S□1N2G	676
8.8	57	-	88	55	104	2.8	15.869	GSS05-2M □□□080C42	E84DVB□1124S□1N2G	676
8.0	52	-	80	60	114	1.6	17.360	GSS04-2M □□□080C42	E84DVB□1124S□1N2G	676
8.0	52	-	80	60	114	2.7	17.360	GSS05-2M □□□080C42	E84DVB□1124S□1N2G	676
6.8	44	-	68	65	123	1.2	20.417	GSS04-2M □□□080C42	E84DVB□1124S□1N2G	676
6.8	44	-	68	66	123	2.0	20.417	GSS05-2M □□□080C42	E84DVB□1124S□1N2G	676
6.3	41	-	63	75	145	1.2	22.143	GSS04-2M □□□080C42	E84DVB□1124S□1N2G	676
6.3	41	-	63	75	147	2.3	22.143	GSS05-2M □□□080C42	E84DVB□1124S□1N2G	676
5.6	36	-	56	79	152	1.1	24.800	GSS04-2M □□□080C42	E84DVB□1124S□1N2G	676
5.6	36	-	56	79	153	1.8	24.800	GSS05-2M □□□080C42	E84DVB□1124S□1N2G	676
5.1	33	-	51	91	177	1.0	27.125	GSS04-2M □□□080C42	E84DVB□1124S□1N2G	676
5.1	33	-	51	91	180	2.0	27.125	GSS05-2M □□□080C42	E84DVB□1124S□1N2G	676
4.4	28	-	44	98	193	0.9	31.738	GSS04-2M □□□080C42	E84DVB□1124S□1N2G	676
4.4	28	-	44	100	196	1.6	31.738	GSS05-2M □□□080C42	E84DVB□1124S□1N2G	676
4.4	28	-	44	99	194	3.1	31.738	GSS06-2M □□□080C42	E84DVB□1124S□1N2G	676
3.9	26	-	39	117	235	1.5	35.306	GSS05-2M □□□080C42	E84DVB□1124S□1N2G	676
3.9	26	-	39	116	229	3.1	35.306	GSS06-2M □□□080C42	E84DVB□1124S□1N2G	676
3.6	23	-	36	120	239	1.4	39.200	GSS05-2M □□□080C42	E84DVB□1124S□1N2G	676
3.6	23	-	36	122	238	2.6	39.200	GSS06-2M □□□080C42	E84DVB□1124S□1N2G	676
3.2	21	-	32	143	293	1.2	43.917	GSS05-2M □□□080C42	E84DVB□1124S□1N2G	676
3.2	21	-	32	143	285	2.5	43.917	GSS06-2M □□□080C42	E84DVB□1124S□1N2G	676
3.2	21	-	32	146	283	3.1	43.271	GSS07-2M □□□080C42	E84DVB□1124S□1N2G	676
2.8	18	-	28	148	306	1.2	50.000	GSS05-2M □□□080C42	E84DVB□1124S□1N2G	676
2.8	18	-	28	152	303	2.3	50.000	GSS06-2M □□□080C42	E84DVB□1124S□1N2G	676
2.6	17	-	26	161	338	1.1	54.250	GSS05-2M □□□080C42	E84DVB□1124S□1N2G	676
2.6	17	-	26	163	331	2.2	54.250	GSS06-2M □□□080C42	E84DVB□1124S□1N2G	676
2.3	15	-	23	177	375	1.0	61.250	GSS05-2M □□□080C42	E84DVB□1124S□1N2G	676
2.3	15	-	23	183	370	1.9	61.250	GSS06-2M □□□080C42	E84DVB□1124S□1N2G	676
2.0	13	-	20	204	440	0.8	70.611	GSS05-2M □□□080C42	E84DVB□1124S□1N2G	676
2.0	13	-	20	207	428	1.7	70.611	GSS06-2M □□□080C42	E84DVB□1124S□1N2G	676
2.0	13	-	20	215	434	2.8	70.611	GSS07-2M □□□080C42	E84DVB□1124S□1N2G	676
1.7	11	-	17	232	478	1.5	79.722	GSS06-2M □□□080C42	E84DVB□1124S□1N2G	676
1.7	11	-	17	241	487	2.5	79.722	GSS07-2M □□□080C42	E84DVB□1124S□1N2G	676

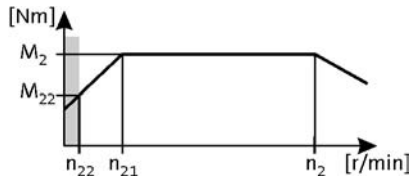
50 Hz: P_N = 1.10 kW

n_{22} / n_2 = 1 ... 10.0

n_1 = 139.0 ... 1390 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
1.6	10	-	16	251	528	1.4	87.833	GSS06-2M □□□080C42	E84DVB□1124S□1N2G	676
1.6	10	-	16	259	531	2.3	86.542	GSS07-2M □□□080C42	E84DVB□1124S□1N2G	676
1.4	9.1	-	14	281	589	1.2	99.167	GSS06-2M □□□080C42	E84DVB□1124S□1N2G	676
1.4	9.2	-	14	291	594	2.1	97.708	GSS07-2M □□□080C42	E84DVB□1124S□1N2G	676
1.2	7.9	-	12	322	676	1.1	113.667	GSS06-2M □□□080C42	E84DVB□1124S□1N2G	676
1.2	7.9	-	12	335	694	1.8	113.667	GSS07-2M □□□080C42	E84DVB□1124S□1N2G	676
1.1	7.0	-	11	363	753	1.0	128.333	GSS06-2M □□□080C42	E84DVB□1124S□1N2G	676
1.1	7.1	-	11	352	716	1.0	126.531	GSS06-3M □□□080C42	E84DVB□1124S□1N2G	684
1.1	7.0	-	11	378	774	1.6	128.333	GSS07-2M □□□080C42	E84DVB□1124S□1N2G	676
1.1	7.1	-	11	367	736	1.7	126.531	GSS07-3M □□□080C42	E84DVB□1124S□1N2G	684
1.0	6.5	-	10	388	814	0.9	137.950	GSS06-2M □□□080C42	E84DVB□1124S□1N2G	676
1.0	6.5	-	10	403	840	1.5	137.950	GSS07-2M □□□080C42	E84DVB□1124S□1N2G	676
1.0	6.3	-	9.7	397	793	0.9	142.857	GSS06-3M □□□080C42	E84DVB□1124S□1N2G	684
1.0	6.3	-	9.7	412	820	1.5	142.857	GSS07-3M □□□080C42	E84DVB□1124S□1N2G	684
0.9	5.8	-	9.0	430	866	0.8	155.000	GSS06-3M □□□080C42	E84DVB□1124S□1N2G	684
0.9	5.8	-	9.0	447	899	1.4	155.000	GSS07-3M □□□080C42	E84DVB□1124S□1N2G	684
0.9	5.8	-	8.9	456	934	1.3	155.750	GSS07-2M □□□080C42	E84DVB□1124S□1N2G	676
0.8	5.2	-	8.0	506	1051	1.2	174.375	GSS07-2M □□□080C42	E84DVB□1124S□1N2G	676
0.8	5.1	-	7.9	503	996	1.3	175.000	GSS07-3M □□□080C42	E84DVB□1124S□1N2G	684
0.7	4.6	-	7.1	573	1171	1.1	196.875	GSS07-2M □□□080C42	E84DVB□1124S□1N2G	676
0.7	4.5	-	6.9	578	1150	1.1	201.746	GSS07-3M □□□080C42	E84DVB□1124S□1N2G	684
0.6	4.0	-	6.1	651	1280	1.0	227.778	GSS07-3M □□□080C42	E84DVB□1124S□1N2G	684
0.6	3.6	-	5.6	706	1398	0.9	247.139	GSS07-3M □□□080C42	E84DVB□1124S□1N2G	684
0.5	3.2	-	5.0	798	1554	0.8	279.028	GSS07-3M □□□080C42	E84DVB□1124S□1N2G	684



50 Hz: P_N = 1.50 kW

n_{22} / n_2 = 1 ... 10.0

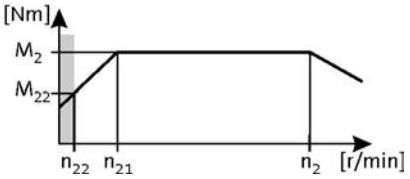
n_1 = 141.0 ... 1410 r/min

n_{22}	n_{21}		n_2	M_{22}	M_2	c	i			
[r/min]	[r/min]		[r/min]	[Nm]	[Nm]					
25	106	-	247	35	51	2.8	5.639	GSS04-2M □□□090C32	E84DVB□1524S□1N2G	676
18	78	-	180	48	71	2.2	7.733	GSS04-2M □□□090C32	E84DVB□1524S□1N2G	676
15	66	-	154	54	81	1.9	9.042	GSS04-2M □□□090C32	E84DVB□1524S□1N2G	676
15	66	-	154	53	80	3.1	9.042	GSS05-2M □□□090C32	E84DVB□1524S□1N2G	676
14	61	-	141	60	92	1.7	9.897	GSS04-2M □□□090C32	E84DVB□1524S□1N2G	676
14	61	-	141	60	91	2.9	9.897	GSS05-2M □□□090C32	E84DVB□1524S□1N2G	676
13	55	-	129	66	101	1.6	10.827	GSS04-2M □□□090C32	E84DVB□1524S□1N2G	676
13	55	-	129	66	100	2.7	10.827	GSS05-2M □□□090C32	E84DVB□1524S□1N2G	676
11	48	-	113	73	111	1.5	12.400	GSS04-2M □□□090C32	E84DVB□1524S□1N2G	676
11	48	-	113	73	111	2.5	12.400	GSS05-2M □□□090C32	E84DVB□1524S□1N2G	676
10	43	-	101	83	129	1.3	13.810	GSS04-2M □□□090C32	E84DVB□1524S□1N2G	676
10	43	-	101	83	129	2.1	13.810	GSS05-2M □□□090C32	E84DVB□1524S□1N2G	676
8.8	38	-	88	92	142	1.3	15.869	GSS04-2M □□□090C32	E84DVB□1524S□1N2G	676
8.8	38	-	88	93	143	2.1	15.869	GSS05-2M □□□090C32	E84DVB□1524S□1N2G	676
8.0	35	-	80	101	156	1.2	17.360	GSS04-2M □□□090C32	E84DVB□1524S□1N2G	676
8.0	35	-	80	101	157	2.0	17.360	GSS05-2M □□□090C32	E84DVB□1524S□1N2G	676
6.8	29	-	68	109	167	0.9	20.417	GSS04-2M □□□090C32	E84DVB□1524S□1N2G	676
6.8	29	-	68	111	168	1.5	20.417	GSS05-2M □□□090C32	E84DVB□1524S□1N2G	676
6.3	27	-	63	125	198	0.9	22.143	GSS04-2M □□□090C32	E84DVB□1524S□1N2G	676
6.3	27	-	63	127	200	1.7	22.143	GSS05-2M □□□090C32	E84DVB□1524S□1N2G	676
5.6	24	-	56	131	207	0.8	24.800	GSS04-2M □□□090C32	E84DVB□1524S□1N2G	676
5.6	24	-	56	134	209	1.3	24.800	GSS05-2M □□□090C32	E84DVB□1524S□1N2G	676
5.1	22	-	51	153	246	1.5	27.125	GSS05-2M □□□090C32	E84DVB□1524S□1N2G	676
5.1	22	-	51	153	241	2.9	27.125	GSS06-2M □□□090C32	E84DVB□1524S□1N2G	676
4.4	19	-	44	168	268	1.1	31.738	GSS05-2M □□□090C32	E84DVB□1524S□1N2G	676
4.4	19	-	44	168	266	2.3	31.738	GSS06-2M □□□090C32	E84DVB□1524S□1N2G	676
4.0	17	-	40	196	321	1.1	35.306	GSS05-2M □□□090C32	E84DVB□1524S□1N2G	676
4.0	17	-	40	197	315	2.3	35.306	GSS06-2M □□□090C32	E84DVB□1524S□1N2G	676
3.6	15	-	36	200	326	1.0	39.200	GSS05-2M □□□090C32	E84DVB□1524S□1N2G	676
3.6	15	-	36	206	326	1.9	39.200	GSS06-2M □□□090C32	E84DVB□1524S□1N2G	676
3.2	14	-	32	239	400	0.9	43.917	GSS05-2M □□□090C32	E84DVB□1524S□1N2G	676
3.2	14	-	32	242	391	1.8	43.917	GSS06-2M □□□090C32	E84DVB□1524S□1N2G	676
3.2	14	-	32	245	386	2.8	43.271	GSS07-2M □□□090C32	E84DVB□1524S□1N2G	676
2.8	12	-	28	247	417	0.9	50.000	GSS05-2M □□□090C32	E84DVB□1524S□1N2G	676
2.8	12	-	28	256	414	1.7	50.000	GSS06-2M □□□090C32	E84DVB□1524S□1N2G	676
2.8	12	-	28	265	419	2.9	50.000	GSS07-2M □□□090C32	E84DVB□1524S□1N2G	676
2.6	11	-	26	275	452	1.6	54.250	GSS06-2M □□□090C32	E84DVB□1524S□1N2G	676
2.3	9.8	-	23	308	506	1.4	61.250	GSS06-2M □□□090C32	E84DVB□1524S□1N2G	676
2.0	8.5	-	20	347	584	1.2	70.611	GSS06-2M □□□090C32	E84DVB□1524S□1N2G	676
2.0	8.5	-	20	364	595	2.1	70.611	GSS07-2M □□□090C32	E84DVB□1524S□1N2G	676
1.8	7.5	-	18	388	652	1.1	79.722	GSS06-2M □□□090C32	E84DVB□1524S□1N2G	676

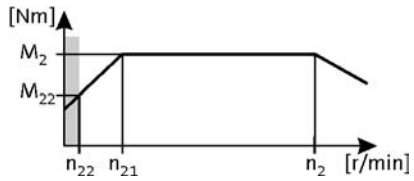
50 Hz: P_N = 1.50 kW

n_{22} / n_2 = 1 ... 10.0

n_1 = 141.0 ... 1410 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
1.8	7.5	-	18	408	667	1.9	79.722	GSS07-2M □□□090C32	E84DVB□1524S□1N2G	676
1.6	6.8	-	16	420	721	1.0	87.833	GSS06-2M □□□090C32	E84DVB□1524S□1N2G	676
1.6	6.9	-	16	437	726	1.7	86.542	GSS07-2M □□□090C32	E84DVB□1524S□1N2G	676
1.4	6.1	-	14	470	803	0.9	99.167	GSS06-2M □□□090C32	E84DVB□1524S□1N2G	676
1.4	6.1	-	14	490	813	1.5	97.708	GSS07-2M □□□090C32	E84DVB□1524S□1N2G	676
1.2	5.3	-	12	563	949	1.3	113.667	GSS07-2M □□□090C32	E84DVB□1524S□1N2G	676
1.1	4.7	-	11	633	1058	1.2	128.333	GSS07-2M □□□090C32	E84DVB□1524S□1N2G	676
1.1	4.7	-	11	615	1006	1.2	126.531	GSS07-3M □□□090C32	E84DVB□1524S□1N2G	684
1.0	4.4	-	10	675	1147	1.1	137.950	GSS07-2M □□□090C32	E84DVB□1524S□1N2G	676
1.0	4.2	-	9.8	691	1119	1.1	142.857	GSS07-3M □□□090C32	E84DVB□1524S□1N2G	684
0.9	3.9	-	9.0	763	1274	1.0	155.750	GSS07-2M □□□090C32	E84DVB□1524S□1N2G	676
0.9	3.9	-	9.0	747	1227	1.0	155.000	GSS07-3M □□□090C32	E84DVB□1524S□1N2G	684
0.8	3.4	-	8.0	844	1433	0.9	174.375	GSS07-2M □□□090C32	E84DVB□1524S□1N2G	676
0.8	3.4	-	8.0	840	1360	0.9	175.000	GSS07-3M □□□090C32	E84DVB□1524S□1N2G	684



50 Hz: P_N = 2.20 kW

n_{22} / n_2 = 1 ... 10.0

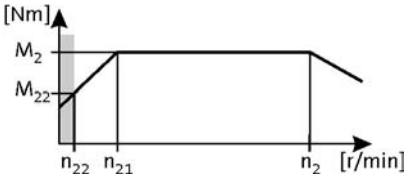
n_1 = 144.0 ... 1440 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
26	106	-	255	42	73	3.0	5.639	GSS05-2M □□□100C12	E84DVB□2224S□1N2G	676
19	78	-	186	58	101	2.6	7.733	GSS05-2M □□□100C12	E84DVB□2224S□1N2G	676
16	66	-	159	66	115	2.2	9.042	GSS05-2M □□□100C12	E84DVB□2224S□1N2G	676
15	61	-	146	74	131	2.1	9.897	GSS05-2M □□□100C12	E84DVB□2224S□1N2G	676
13	55	-	133	81	143	1.9	10.827	GSS05-2M □□□100C12	E84DVB□2224S□1N2G	676
12	48	-	116	90	159	1.7	12.400	GSS05-2M □□□100C12	E84DVB□2224S□1N2G	676
12	48	-	116	87	158	3.2	12.400	GSS06-2M □□□100C12	E84DVB□2224S□1N2G	676
10	43	-	104	102	184	1.5	13.810	GSS05-2M □□□100C12	E84DVB□2224S□1N2G	676
10	42	-	101	105	189	2.8	14.286	GSS06-2M □□□100C12	E84DVB□2224S□1N2G	676
9.1	38	-	91	113	204	1.5	15.869	GSS05-2M □□□100C12	E84DVB□2224S□1N2G	676
9.1	38	-	91	112	203	2.9	15.869	GSS06-2M □□□100C12	E84DVB□2224S□1N2G	676
8.3	35	-	83	124	224	1.4	17.360	GSS05-2M □□□100C12	E84DVB□2224S□1N2G	676
8.3	35	-	83	122	222	2.8	17.360	GSS06-2M □□□100C12	E84DVB□2224S□1N2G	676
7.1	29	-	71	136	240	1.1	20.417	GSS05-2M □□□100C12	E84DVB□2224S□1N2G	676
7.1	29	-	71	137	244	2.0	20.417	GSS06-2M □□□100C12	E84DVB□2224S□1N2G	676
6.5	27	-	65	155	286	1.2	22.143	GSS05-2M □□□100C12	E84DVB□2224S□1N2G	676
6.5	27	-	65	155	282	2.4	22.143	GSS06-2M □□□100C12	E84DVB□2224S□1N2G	676
5.8	24	-	58	164	298	0.9	24.800	GSS05-2M □□□100C12	E84DVB□2224S□1N2G	676
5.8	24	-	58	164	298	1.9	24.800	GSS06-2M □□□100C12	E84DVB□2224S□1N2G	676
5.3	22	-	53	188	351	1.0	27.125	GSS05-2M □□□100C12	E84DVB□2224S□1N2G	676
5.3	22	-	53	188	346	2.1	27.125	GSS06-2M □□□100C12	E84DVB□2224S□1N2G	676
4.7	19	-	47	206	376	2.8	31.000	GSS07-2M □□□100C12	E84DVB□2224S□1N2G	676
4.5	19	-	45	205	383	0.8	31.738	GSS05-2M □□□100C12	E84DVB□2224S□1N2G	676
4.5	19	-	45	207	381	1.6	31.738	GSS06-2M □□□100C12	E84DVB□2224S□1N2G	676
4.1	17	-	41	242	450	1.6	35.306	GSS06-2M □□□100C12	E84DVB□2224S□1N2G	676
4.1	17	-	41	246	451	2.7	35.306	GSS07-2M □□□100C12	E84DVB□2224S□1N2G	676
3.7	15	-	37	253	466	1.4	39.200	GSS06-2M □□□100C12	E84DVB□2224S□1N2G	676
3.7	15	-	37	260	472	2.5	39.200	GSS07-2M □□□100C12	E84DVB□2224S□1N2G	676
3.3	14	-	33	296	558	1.3	43.917	GSS06-2M □□□100C12	E84DVB□2224S□1N2G	676
3.3	14	-	33	299	552	2.2	43.271	GSS07-2M □□□100C12	E84DVB□2224S□1N2G	676
2.9	12	-	29	314	592	1.2	50.000	GSS06-2M □□□100C12	E84DVB□2224S□1N2G	676
2.9	12	-	29	326	601	2.1	50.000	GSS07-2M □□□100C12	E84DVB□2224S□1N2G	676
2.7	11	-	27	336	646	1.1	54.250	GSS06-2M □□□100C12	E84DVB□2224S□1N2G	676
2.7	11	-	27	351	657	1.9	54.250	GSS07-2M □□□100C12	E84DVB□2224S□1N2G	676
2.4	9.8	-	24	377	722	1.0	61.250	GSS06-2M □□□100C12	E84DVB□2224S□1N2G	676
2.4	9.8	-	24	394	736	1.7	61.250	GSS07-2M □□□100C12	E84DVB□2224S□1N2G	676
2.0	8.5	-	20	425	834	0.9	70.611	GSS06-2M □□□100C12	E84DVB□2224S□1N2G	676
2.0	8.5	-	20	447	851	1.5	70.611	GSS07-2M □□□100C12	E84DVB□2224S□1N2G	676
1.8	7.5	-	18	501	954	1.3	79.722	GSS07-2M □□□100C12	E84DVB□2224S□1N2G	676
1.7	6.9	-	17	536	1038	1.2	86.542	GSS07-2M □□□100C12	E84DVB□2224S□1N2G	676
1.5	6.1	-	15	600	1161	1.1	97.708	GSS07-2M □□□100C12	E84DVB□2224S□1N2G	676

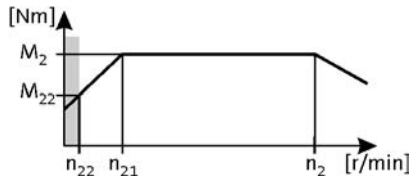
50 Hz: P_N = 2.20 kW

n_{22} / n_2 = 1 ... 10.0

n_1 = 144.0 ... 1440 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
1.3	5.3	-	13	688	1354	0.9	113.667	GSS07-2M □□□100C12	E84DVB□2224S□1N2G	676
1.1	4.7	-	11	774	1509	0.8	128.333	GSS07-2M □□□100C12	E84DVB□2224S□1N2G	676
1.1	4.7	-	11	752	1436	0.9	126.531	GSS07-3M □□□100C12	E84DVB□2224S□1N2G	684



50 Hz: P_N = 3.00 kW

n_{22} / n_2 = 1 ... 10.0

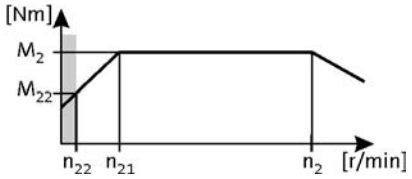
n_1 = 143.0 ... 1430 r/min

n_{22}	n_{21}		n_2	M_{22}	M_2	c	i			
[r/min]	[r/min]		[r/min]	[Nm]	[Nm]					
25	106	-	254	59	102	2.2	5.639	GSS05-2M □□□100C32	E84DVB□3024S□1N2G	676
19	78	-	185	81	140	1.9	7.733	GSS05-2M □□□100C32	E84DVB□3024S□1N2G	676
16	66	-	158	92	159	1.6	9.042	GSS05-2M □□□100C32	E84DVB□3024S□1N2G	676
16	66	-	158	89	160	2.6	9.042	GSS06-2M □□□100C32	E84DVB□3024S□1N2G	676
14	61	-	145	103	181	1.5	9.897	GSS05-2M □□□100C32	E84DVB□3024S□1N2G	676
14	59	-	140	105	185	2.8	10.238	GSS06-2M □□□100C32	E84DVB□3024S□1N2G	676
13	55	-	132	112	198	1.4	10.827	GSS05-2M □□□100C32	E84DVB□3024S□1N2G	676
13	54	-	128	115	203	2.5	11.200	GSS06-2M □□□100C32	E84DVB□3024S□1N2G	676
12	48	-	115	124	220	1.3	12.400	GSS05-2M □□□100C32	E84DVB□3024S□1N2G	676
12	48	-	115	123	219	2.4	12.400	GSS06-2M □□□100C32	E84DVB□3024S□1N2G	676
10	43	-	104	141	254	1.1	13.810	GSS05-2M □□□100C32	E84DVB□3024S□1N2G	676
10	42	-	100	146	261	2.0	14.286	GSS06-2M □□□100C32	E84DVB□3024S□1N2G	676
9.0	38	-	90	157	282	1.1	15.869	GSS05-2M □□□100C32	E84DVB□3024S□1N2G	676
9.0	38	-	90	157	281	2.1	15.869	GSS06-2M □□□100C32	E84DVB□3024S□1N2G	676
8.2	35	-	82	171	309	1.0	17.360	GSS05-2M □□□100C32	E84DVB□3024S□1N2G	676
8.2	35	-	82	171	307	2.0	17.360	GSS06-2M □□□100C32	E84DVB□3024S□1N2G	676
8.2	35	-	82	171	306	3.2	17.360	GSS07-2M □□□100C32	E84DVB□3024S□1N2G	676
7.0	29	-	70	191	337	1.4	20.417	GSS06-2M □□□100C32	E84DVB□3024S□1N2G	676
6.5	27	-	65	215	395	0.9	22.143	GSS05-2M □□□100C32	E84DVB□3024S□1N2G	676
6.5	27	-	65	216	391	1.7	22.143	GSS06-2M □□□100C32	E84DVB□3024S□1N2G	676
6.5	27	-	65	218	389	3.0	22.143	GSS07-2M □□□100C32	E84DVB□3024S□1N2G	676
5.8	24	-	58	229	412	1.4	24.800	GSS06-2M □□□100C32	E84DVB□3024S□1N2G	676
5.3	22	-	53	262	478	1.5	27.125	GSS06-2M □□□100C32	E84DVB□3024S□1N2G	676
5.3	22	-	53	266	478	2.6	27.125	GSS07-2M □□□100C32	E84DVB□3024S□1N2G	676
4.6	19	-	46	289	521	2.0	31.000	GSS07-2M □□□100C32	E84DVB□3024S□1N2G	676
4.5	19	-	45	287	525	1.2	31.738	GSS06-2M □□□100C32	E84DVB□3024S□1N2G	676
4.1	17	-	41	335	621	1.2	35.306	GSS06-2M □□□100C32	E84DVB□3024S□1N2G	676
4.1	17	-	41	344	624	2.0	35.306	GSS07-2M □□□100C32	E84DVB□3024S□1N2G	676
3.7	15	-	37	351	643	1.0	39.200	GSS06-2M □□□100C32	E84DVB□3024S□1N2G	676
3.7	15	-	37	363	653	1.8	39.200	GSS07-2M □□□100C32	E84DVB□3024S□1N2G	676
3.3	14	-	33	410	770	0.9	43.917	GSS06-2M □□□100C32	E84DVB□3024S□1N2G	676
3.3	14	-	33	417	764	1.6	43.271	GSS07-2M □□□100C32	E84DVB□3024S□1N2G	676
2.9	12	-	29	435	817	0.9	50.000	GSS06-2M □□□100C32	E84DVB□3024S□1N2G	676
2.9	12	-	29	454	831	1.5	50.000	GSS07-2M □□□100C32	E84DVB□3024S□1N2G	676
2.6	11	-	26	466	891	0.8	54.250	GSS06-2M □□□100C32	E84DVB□3024S□1N2G	676
2.6	11	-	26	488	908	1.4	54.250	GSS07-2M □□□100C32	E84DVB□3024S□1N2G	676
2.3	9.8	-	23	547	1016	1.2	61.250	GSS07-2M □□□100C32	E84DVB□3024S□1N2G	676
2.0	8.5	-	20	620	1175	1.1	70.611	GSS07-2M □□□100C32	E84DVB□3024S□1N2G	676
1.8	7.5	-	18	693	1315	1.0	79.722	GSS07-2M □□□100C32	E84DVB□3024S□1N2G	676
1.7	6.9	-	17	742	1432	0.9	86.542	GSS07-2M □□□100C32	E84DVB□3024S□1N2G	676

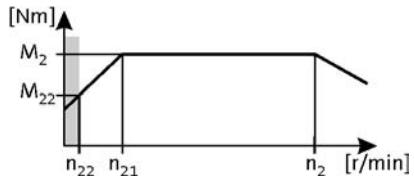
87 Hz: P_N = 0.33 kW

n_{22} / n_2 = 1 ... 17.4

n_1 = 142.2 ... 2475 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
13	55	-	229	8.6	12	3.4	10.827	GSS04-2M □□□063C32	E84DVB□5514S□1N2G	676
10	43	-	179	11	16	3.2	13.810	GSS04-2M □□□063C32	E84DVB□5514S□1N2G	676
8.2	35	-	143	13	19	3.4	17.360	GSS04-2M □□□063C32	E84DVB□5514S□1N2G	676
6.4	27	-	112	16	24	3.2	22.143	GSS04-2M □□□063C32	E84DVB□5514S□1N2G	676
4.2	18	-	73	24	36	3.5	34.100	GSS04-2M □□□063C32	E84DVB□5514S□1N2G	676
3.6	15	-	63	25	37	3.4	39.200	GSS04-2M □□□063C32	E84DVB□5514S□1N2G	676
3.2	14	-	56	31	46	2.9	43.917	GSS04-2M □□□063C32	E84DVB□5514S□1N2G	676
2.8	12	-	50	30	47	3.2	50.000	GSS04-2M □□□063C32	E84DVB□5514S□1N2G	676
2.1	8.8	-	36	41	65	2.6	68.200	GSS04-2M □□□063C32	E84DVB□5514S□1N2G	676
1.9	7.8	-	32	44	72	2.4	77.000	GSS04-2M □□□063C32	E84DVB□5514S□1N2G	676
1.6	6.8	-	28	52	83	2.1	87.833	GSS04-2M □□□063C32	E84DVB□5514S□1N2G	676
1.4	6.1	-	25	57	91	1.9	99.167	GSS04-2M □□□063C32	E84DVB□5514S□1N2G	676
1.3	5.4	-	22	66	104	1.7	111.318	GSS04-2M □□□063C32	E84DVB□5514S□1N2G	676
1.1	4.8	-	20	72	114	1.5	125.682	GSS04-2M □□□063C32	E84DVB□5514S□1N2G	676
1.1	4.8	-	20	72	129	2.2	125.476	GSS05-3M □□□063C32	E84DVB□5514S□1N2G	684
1.1	4.7	-	20	75	116	3.2	126.531	GSS06-3M □□□063C32	E84DVB□5514S□1N2G	684
1.0	4.3	-	18	84	129	1.3	139.500	GSS04-2M □□□063C32	E84DVB□5514S□1N2G	676
1.0	4.2	-	17	85	128	3.2	142.857	GSS06-3M □□□063C32	E84DVB□5514S□1N2G	684
0.9	3.8	-	16	91	141	1.2	157.500	GSS04-2M □□□063C32	E84DVB□5514S□1N2G	676
0.9	3.9	-	16	92	140	3.2	155.000	GSS06-3M □□□063C32	E84DVB□5514S□1N2G	684
0.8	3.3	-	14	111	168	1.0	183.786	GSS04-2M □□□063C32	E84DVB□5514S□1N2G	676
0.8	3.4	-	14	103	156	3.2	175.000	GSS06-3M □□□063C32	E84DVB□5514S□1N2G	684
0.7	3.1	-	13	112	193	1.6	193.233	GSS05-3M □□□063C32	E84DVB□5514S□1N2G	684
0.7	2.9	-	12	121	183	0.9	207.500	GSS04-2M □□□063C32	E84DVB□5514S□1N2G	676
0.6	2.7	-	11	129	208	1.7	222.133	GSS05-3M □□□063C32	E84DVB□5514S□1N2G	684
0.6	2.4	-	9.9	146	235	1.5	250.952	GSS05-3M □□□063C32	E84DVB□5514S□1N2G	684
0.5	2.2	-	9.2	157	233	2.9	269.500	GSS06-3M □□□063C32	E84DVB□5514S□1N2G	684
0.5	2.1	-	8.7	165	258	1.3	283.333	GSS05-3M □□□063C32	E84DVB□5514S□1N2G	684
0.5	1.9	-	8.0	183	270	2.5	310.689	GSS06-3M □□□063C32	E84DVB□5514S□1N2G	684
0.4	1.7	-	7.1	208	299	2.3	350.778	GSS06-3M □□□063C32	E84DVB□5514S□1N2G	684
0.4	1.6	-	6.4	227	344	1.0	386.467	GSS05-3M □□□063C32	E84DVB□5514S□1N2G	684
0.4	1.6	-	6.4	230	331	2.0	386.467	GSS06-3M □□□063C32	E84DVB□5514S□1N2G	684
0.3	1.4	-	5.7	257	377	0.9	436.333	GSS05-3M □□□063C32	E84DVB□5514S□1N2G	684
0.3	1.4	-	5.7	261	365	1.8	436.333	GSS06-3M □□□063C32	E84DVB□5514S□1N2G	684
0.3	1.2	-	5.0	299	417	1.6	497.722	GSS06-3M □□□063C32	E84DVB□5514S□1N2G	684
0.3	1.1	-	4.4	339	460	1.5	561.944	GSS06-3M □□□063C32	E84DVB□5514S□1N2G	684
0.2	1.0	-	3.9	382	518	1.3	630.803	GSS06-3M □□□063C32	E84DVB□5514S□1N2G	684
0.2	0.8	-	3.5	433	572	1.2	712.197	GSS06-3M □□□063C32	E84DVB□5514S□1N2G	684
0.2	0.7	-	3.0	497	656	1.0	816.333	GSS06-3M □□□063C32	E84DVB□5514S□1N2G	684
0.2	0.7	-	2.7	563	725	0.9	921.667	GSS06-3M □□□063C32	E84DVB□5514S□1N2G	684
0.1	0.6	-	2.4	626	808	0.9	1023.000	GSS06-3M □□□063C32	E84DVB□5514S□1N2G	684



87 Hz: P_N = 0.45 kW

n_{22} / n_2 = 1 ... 17.4

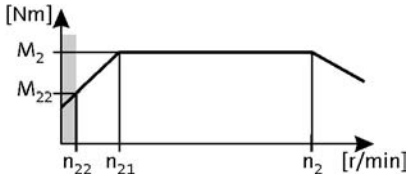
n_1 = 142.5 ... 2480 r/min

n_{22}	n_{21}		n_2	M_{22}	M_2	c	i			
[r/min]	[r/min]		[r/min]	[Nm]	[Nm]					
25	106	-	440	6.4	9.0	4.6	5.639	GSS04-2M □□□063C42	E84DVB□5514S□1N2G	676
18	78	-	321	8.6	12	4.6	7.733	GSS04-2M □□□063C42	E84DVB□5514S□1N2G	676
16	66	-	274	9.7	13	4.6	9.042	GSS04-2M □□□063C42	E84DVB□5514S□1N2G	676
14	61	-	251	11	15	5.2	9.897	GSS04-2M □□□063C42	E84DVB□5514S□1N2G	676
13	55	-	229	12	17	4.6	10.827	GSS05-2M □□□063C42	E84DVB□5514S□1N2G	676
12	48	-	200	13	18	4.6	12.400	GSS04-2M □□□063C42	E84DVB□5514S□1N2G	676
10	43	-	180	15	21	4.8	13.810	GSS04-2M □□□063C42	E84DVB□5514S□1N2G	676
9.0	38	-	156	16	23	5.2	15.869	GSS04-2M □□□063C42	E84DVB□5514S□1N2G	676
8.2	35	-	143	18	26	4.6	17.360	GSS05-2M □□□063C42	E84DVB□5514S□1N2G	676
7.0	29	-	122	19	27	4.4	20.417	GSS04-2M □□□063C42	E84DVB□5514S□1N2G	676
6.4	27	-	112	22	32	4.8	22.143	GSS04-2M □□□063C42	E84DVB□5514S□1N2G	676
5.8	24	-	100	23	34	4.0	24.800	GSS04-2M □□□063C42	E84DVB□5514S□1N2G	676
5.3	22	-	91	27	39	4.3	27.125	GSS04-2M □□□063C42	E84DVB□5514S□1N2G	676
4.5	19	-	78	29	43	3.4	31.738	GSS04-2M □□□063C42	E84DVB□5514S□1N2G	676
4.2	18	-	73	33	50	3.5	34.100	GSS04-2M □□□063C42	E84DVB□5514S□1N2G	676
3.6	15	-	63	34	52	2.9	39.200	GSS04-2M □□□063C42	E84DVB□5514S□1N2G	676
3.3	14	-	57	42	64	2.7	43.917	GSS04-2M □□□063C42	E84DVB□5514S□1N2G	676
2.9	12	-	50	42	66	2.5	50.000	GSS04-2M □□□063C42	E84DVB□5514S□1N2G	676
2.6	11	-	46	47	73	2.4	54.250	GSS04-2M □□□063C42	E84DVB□5514S□1N2G	676
2.3	9.8	-	41	51	80	2.2	61.250	GSS04-2M □□□063C42	E84DVB□5514S□1N2G	676
2.1	8.8	-	36	57	91	1.9	68.200	GSS04-2M □□□063C42	E84DVB□5514S□1N2G	676
1.9	7.8	-	32	62	100	1.7	77.000	GSS04-2M □□□063C42	E84DVB□5514S□1N2G	676
1.8	7.5	-	31	65	110	3.0	79.722	GSS05-2M □□□063C42	E84DVB□5514S□1N2G	676
1.6	6.8	-	28	73	116	1.5	87.833	GSS04-2M □□□063C42	E84DVB□5514S□1N2G	676
1.6	6.8	-	28	73	122	2.9	87.833	GSS05-2M □□□063C42	E84DVB□5514S□1N2G	676
1.4	6.1	-	25	79	127	1.4	99.167	GSS04-2M □□□063C42	E84DVB□5514S□1N2G	676
1.4	6.1	-	25	80	136	2.6	99.167	GSS05-2M □□□063C42	E84DVB□5514S□1N2G	676
1.3	5.4	-	22	93	145	1.2	111.318	GSS04-2M □□□063C42	E84DVB□5514S□1N2G	676
1.3	5.3	-	22	95	158	2.2	113.667	GSS05-2M □□□063C42	E84DVB□5514S□1N2G	676
1.1	4.8	-	20	101	159	1.1	125.682	GSS04-2M □□□063C42	E84DVB□5514S□1N2G	676
1.1	4.8	-	20	101	180	1.6	125.476	GSS05-3M □□□063C42	E84DVB□5514S□1N2G	684
1.1	4.7	-	19	104	174	2.0	128.333	GSS05-2M □□□063C42	E84DVB□5514S□1N2G	676
1.0	4.3	-	18	117	180	1.0	139.500	GSS04-2M □□□063C42	E84DVB□5514S□1N2G	676
1.0	4.4	-	18	116	190	1.8	137.950	GSS05-2M □□□063C42	E84DVB□5514S□1N2G	676
1.0	4.4	-	18	115	182	3.2	137.950	GSS06-2M □□□063C42	E84DVB□5514S□1N2G	676
0.9	3.8	-	16	127	196	0.9	157.500	GSS04-2M □□□063C42	E84DVB□5514S□1N2G	676
0.9	3.9	-	16	124	218	1.4	153.708	GSS05-3M □□□063C42	E84DVB□5514S□1N2G	684
0.9	3.9	-	16	127	210	1.6	155.750	GSS05-2M □□□063C42	E84DVB□5514S□1N2G	676
0.9	3.9	-	16	129	202	3.2	155.750	GSS06-2M □□□063C42	E84DVB□5514S□1N2G	676
0.8	3.4	-	14	150	240	1.4	176.313	GSS05-2M □□□063C42	E84DVB□5514S□1N2G	676
0.8	3.4	-	14	145	228	2.6	174.375	GSS06-2M □□□063C42	E84DVB□5514S□1N2G	676

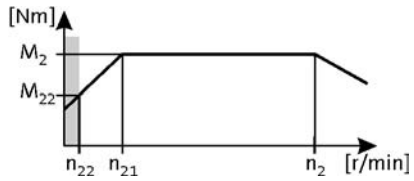
87 Hz: P_N = 0.45 kW

n_{22} / n_2 = 1 ... 17.4

n_1 = 142.5 ... 2480 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
0.8	3.4	-	14	142	215	3.1	175.000	GSS06-3M □□□063C42	E84DVB□5514S□1N2G	684
0.7	3.1	-	13	156	269	1.2	193.233	GSS05-3M □□□063C42	E84DVB□5514S□1N2G	684
0.7	3.0	-	13	164	265	1.3	199.063	GSS05-2M □□□063C42	E84DVB□5514S□1N2G	676
0.7	3.1	-	13	165	254	2.6	196.875	GSS06-2M □□□063C42	E84DVB□5514S□1N2G	676
0.7	3.1	-	13	159	241	2.8	194.857	GSS06-3M □□□063C42	E84DVB□5514S□1N2G	684
0.6	2.7	-	11	180	289	1.2	222.133	GSS05-3M □□□063C42	E84DVB□5514S□1N2G	684
0.7	2.7	-	11	180	269	2.5	220.000	GSS06-3M □□□063C42	E84DVB□5514S□1N2G	684
0.6	2.5	-	10	196	294	2.3	238.700	GSS06-3M □□□063C42	E84DVB□5514S□1N2G	684
0.6	2.4	-	9.9	204	326	1.1	250.952	GSS05-3M □□□063C42	E84DVB□5514S□1N2G	684
0.5	2.2	-	9.2	222	327	2.1	269.500	GSS06-3M □□□063C42	E84DVB□5514S□1N2G	684
0.5	2.1	-	8.8	231	359	1.0	283.333	GSS05-3M □□□063C42	E84DVB□5514S□1N2G	684
0.5	2.0	-	8.1	251	390	0.9	307.417	GSS05-3M □□□063C42	E84DVB□5514S□1N2G	684
0.5	1.9	-	8.0	257	378	1.8	310.689	GSS06-3M □□□063C42	E84DVB□5514S□1N2G	684
0.4	1.9	-	7.7	271	402	2.9	321.673	GSS07-3M □□□063C42	E84DVB□5514S□1N2G	684
0.4	1.7	-	7.1	292	418	1.6	350.778	GSS06-3M □□□063C42	E84DVB□5514S□1N2G	684
0.4	1.7	-	6.8	308	447	2.6	363.179	GSS07-3M □□□063C42	E84DVB□5514S□1N2G	684
0.4	1.6	-	6.4	323	462	1.5	386.467	GSS06-3M □□□063C42	E84DVB□5514S□1N2G	684
0.4	1.5	-	6.3	336	488	2.4	394.245	GSS07-3M □□□063C42	E84DVB□5514S□1N2G	684
0.3	1.4	-	5.7	365	510	1.3	436.333	GSS06-3M □□□063C42	E84DVB□5514S□1N2G	684
0.3	1.4	-	5.6	381	542	2.2	445.116	GSS07-3M □□□063C42	E84DVB□5514S□1N2G	684
0.3	1.2	-	5.1	422	599	2.0	490.403	GSS07-3M □□□063C42	E84DVB□5514S□1N2G	684
0.3	1.2	-	5.0	418	582	1.2	497.722	GSS06-3M □□□063C42	E84DVB□5514S□1N2G	684
0.3	1.1	-	4.5	478	664	1.8	553.681	GSS07-3M □□□063C42	E84DVB□5514S□1N2G	684
0.3	1.1	-	4.4	474	641	1.1	561.944	GSS06-3M □□□063C42	E84DVB□5514S□1N2G	684
0.2	1.0	-	3.9	533	721	0.9	630.803	GSS06-3M □□□063C42	E84DVB□5514S□1N2G	684
0.2	1.0	-	3.9	551	760	1.6	634.639	GSS07-3M □□□063C42	E84DVB□5514S□1N2G	684
0.2	0.8	-	3.5	603	796	0.9	712.197	GSS06-3M □□□063C42	E84DVB□5514S□1N2G	684
0.2	0.8	-	3.5	624	842	1.4	716.528	GSS07-3M □□□063C42	E84DVB□5514S□1N2G	684
0.2	0.7	-	3.0	729	977	1.2	833.556	GSS07-3M □□□063C42	E84DVB□5514S□1N2G	684
0.2	0.6	-	2.6	825	1081	1.1	941.111	GSS07-3M □□□063C42	E84DVB□5514S□1N2G	684
0.1	0.6	-	2.5	888	1168	1.0	1011.633	GSS07-3M □□□063C42	E84DVB□5514S□1N2G	684
0.1	0.5	-	2.2	1005	1292	0.9	1142.167	GSS07-3M □□□063C42	E84DVB□5514S□1N2G	684
0.1	0.5	-	2.0	1082	1399	0.9	1227.755	GSS07-3M □□□063C42	E84DVB□5514S□1N2G	684



87 Hz: P_N = 0.66 kW

n_{22} / n_2 = 1 ... 17.4

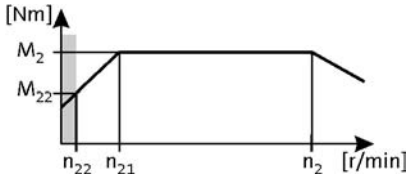
n_1 = 144.8 ... 2520 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
26	106	-	447	9.2	12	4.0	5.639	GSS04-2M □□□071C32	E84DVB□7514S□1N2G	676
19	78	-	326	12	17	4.0	7.733	GSS04-2M □□□071C32	E84DVB□7514S□1N2G	676
16	66	-	279	14	19	4.0	9.042	GSS04-2M □□□071C32	E84DVB□7514S□1N2G	676
15	61	-	255	16	22	4.5	9.897	GSS04-2M □□□071C32	E84DVB□7514S□1N2G	676
13	55	-	233	17	24	4.0	10.827	GSS05-2M □□□071C32	E84DVB□7514S□1N2G	676
12	48	-	203	19	26	4.0	12.400	GSS04-2M □□□071C32	E84DVB□7514S□1N2G	676
11	43	-	183	21	31	4.2	13.810	GSS04-2M □□□071C32	E84DVB□7514S□1N2G	676
9.1	38	-	159	24	34	4.3	15.869	GSS04-2M □□□071C32	E84DVB□7514S□1N2G	676
8.3	35	-	145	26	37	4.0	17.360	GSS05-2M □□□071C32	E84DVB□7514S□1N2G	676
7.1	29	-	123	28	39	3.0	20.417	GSS04-2M □□□071C32	E84DVB□7514S□1N2G	676
6.5	27	-	114	32	47	3.5	22.143	GSS04-2M □□□071C32	E84DVB□7514S□1N2G	676
5.8	24	-	102	34	49	2.8	24.800	GSS04-2M □□□071C32	E84DVB□7514S□1N2G	676
5.3	22	-	93	39	57	3.0	27.125	GSS04-2M □□□071C32	E84DVB□7514S□1N2G	676
4.6	19	-	79	42	62	2.4	31.738	GSS04-2M □□□071C32	E84DVB□7514S□1N2G	676
4.3	18	-	74	48	72	2.4	34.100	GSS04-2M □□□071C32	E84DVB□7514S□1N2G	676
3.7	15	-	64	50	75	2.0	39.200	GSS04-2M □□□071C32	E84DVB□7514S□1N2G	676
3.3	14	-	57	62	93	1.9	43.917	GSS04-2M □□□071C32	E84DVB□7514S□1N2G	676
3.3	14	-	57	62	95	3.2	43.917	GSS05-2M □□□071C32	E84DVB□7514S□1N2G	676
2.9	12	-	50	62	96	1.7	50.000	GSS04-2M □□□071C32	E84DVB□7514S□1N2G	676
2.7	11	-	47	68	106	1.7	54.250	GSS04-2M □□□071C32	E84DVB□7514S□1N2G	676
2.4	9.8	-	41	74	116	1.5	61.250	GSS04-2M □□□071C32	E84DVB□7514S□1N2G	676
2.1	8.8	-	37	83	132	1.3	68.200	GSS04-2M □□□071C32	E84DVB□7514S□1N2G	676
2.1	8.5	-	36	88	143	2.3	70.611	GSS05-2M □□□071C32	E84DVB□7514S□1N2G	676
1.9	7.8	-	33	90	145	1.2	77.000	GSS04-2M □□□071C32	E84DVB□7514S□1N2G	676
1.8	7.5	-	32	96	159	2.1	79.722	GSS05-2M □□□071C32	E84DVB□7514S□1N2G	676
1.7	6.8	-	29	106	168	1.0	87.833	GSS04-2M □□□071C32	E84DVB□7514S□1N2G	676
1.7	6.8	-	29	106	178	2.0	87.833	GSS05-2M □□□071C32	E84DVB□7514S□1N2G	676
1.5	6.1	-	25	115	184	1.0	99.167	GSS04-2M □□□071C32	E84DVB□7514S□1N2G	676
1.5	6.1	-	25	116	198	1.8	99.167	GSS05-2M □□□071C32	E84DVB□7514S□1N2G	676
1.3	5.4	-	23	135	210	0.8	111.318	GSS04-2M □□□071C32	E84DVB□7514S□1N2G	676
1.3	5.3	-	22	138	229	1.5	113.667	GSS05-2M □□□071C32	E84DVB□7514S□1N2G	676
1.3	5.3	-	22	137	218	3.1	113.667	GSS06-2M □□□071C32	E84DVB□7514S□1N2G	676
1.2	4.8	-	20	146	261	1.1	125.476	GSS05-3M □□□071C32	E84DVB□7514S□1N2G	684
1.1	4.7	-	20	151	253	1.4	128.333	GSS05-2M □□□071C32	E84DVB□7514S□1N2G	676
1.1	4.7	-	20	155	244	2.8	128.333	GSS06-2M □□□071C32	E84DVB□7514S□1N2G	676
1.1	4.7	-	20	150	231	2.9	126.531	GSS06-3M □□□071C32	E84DVB□7514S□1N2G	684
1.1	4.4	-	18	168	275	1.3	137.950	GSS05-2M □□□071C32	E84DVB□7514S□1N2G	676
1.1	4.4	-	18	166	264	2.6	137.950	GSS06-2M □□□071C32	E84DVB□7514S□1N2G	676
1.0	4.2	-	18	170	257	2.7	142.857	GSS06-3M □□□071C32	E84DVB□7514S□1N2G	684
0.9	3.9	-	16	180	315	1.0	153.708	GSS05-3M □□□071C32	E84DVB□7514S□1N2G	684
0.9	3.9	-	16	185	303	1.1	155.750	GSS05-2M □□□071C32	E84DVB□7514S□1N2G	676

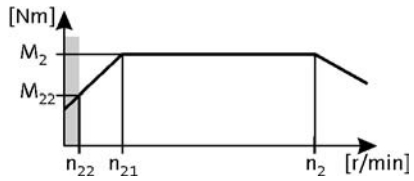
87 Hz: P_N = 0.66 kW

n_{22} / n_2 = 1 ... 17.4

n_1 = 144.8 ... 2520 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
0.9	3.9	-	16	189	294	2.3	155.750	GSS06-2M □□□071C32	E84DVB□7514S□1N2G	676
0.9	3.9	-	16	184	281	2.4	155.000	GSS06-3M □□□071C32	E84DVB□7514S□1N2G	684
0.8	3.4	-	15	210	330	2.1	174.375	GSS06-2M □□□071C32	E84DVB□7514S□1N2G	676
0.8	3.4	-	14	216	347	1.0	176.313	GSS05-2M □□□071C32	E84DVB□7514S□1N2G	676
0.8	3.4	-	14	209	313	2.2	175.000	GSS06-3M □□□071C32	E84DVB□7514S□1N2G	684
0.8	3.1	-	13	227	389	0.8	193.233	GSS05-3M □□□071C32	E84DVB□7514S□1N2G	684
0.7	3.0	-	13	237	383	0.9	199.063	GSS05-2M □□□071C32	E84DVB□7514S□1N2G	676
0.7	3.1	-	13	239	368	1.9	196.875	GSS06-2M □□□071C32	E84DVB□7514S□1N2G	676
0.7	3.1	-	13	233	351	2.0	194.857	GSS06-3M □□□071C32	E84DVB□7514S□1N2G	684
0.7	2.7	-	12	263	391	1.8	220.000	GSS06-3M □□□071C32	E84DVB□7514S□1N2G	684
0.7	2.7	-	11	261	418	0.8	222.133	GSS05-3M □□□071C32	E84DVB□7514S□1N2G	684
0.6	2.5	-	11	286	427	1.6	238.700	GSS06-3M □□□071C32	E84DVB□7514S□1N2G	684
0.6	2.6	-	11	278	414	2.9	227.778	GSS07-3M □□□071C32	E84DVB□7514S□1N2G	684
0.6	2.4	-	10	302	453	2.6	247.139	GSS07-3M □□□071C32	E84DVB□7514S□1N2G	684
0.5	2.2	-	9.4	324	474	1.5	269.500	GSS06-3M □□□071C32	E84DVB□7514S□1N2G	684
0.5	2.2	-	9.0	342	504	2.4	279.028	GSS07-3M □□□071C32	E84DVB□7514S□1N2G	684
0.5	1.9	-	8.1	375	547	1.3	310.689	GSS06-3M □□□071C32	E84DVB□7514S□1N2G	684
0.5	1.9	-	7.8	397	585	2.0	321.673	GSS07-3M □□□071C32	E84DVB□7514S□1N2G	684
0.4	1.7	-	7.2	424	605	1.1	350.778	GSS06-3M □□□071C32	E84DVB□7514S□1N2G	684
0.4	1.7	-	6.9	451	650	1.8	363.179	GSS07-3M □□□071C32	E84DVB□7514S□1N2G	684
0.4	1.6	-	6.5	469	668	1.0	386.467	GSS06-3M □□□071C32	E84DVB□7514S□1N2G	684
0.4	1.5	-	6.4	491	709	1.7	394.245	GSS07-3M □□□071C32	E84DVB□7514S□1N2G	684
0.3	1.4	-	5.8	530	737	0.9	436.333	GSS06-3M □□□071C32	E84DVB□7514S□1N2G	684
0.3	1.4	-	5.7	556	787	1.5	445.116	GSS07-3M □□□071C32	E84DVB□7514S□1N2G	684
0.3	1.2	-	5.1	606	841	0.8	497.722	GSS06-3M □□□071C32	E84DVB□7514S□1N2G	684
0.3	1.2	-	5.1	614	869	1.4	490.403	GSS07-3M □□□071C32	E84DVB□7514S□1N2G	684
0.3	1.1	-	4.6	696	963	1.2	553.681	GSS07-3M □□□071C32	E84DVB□7514S□1N2G	684
0.2	1.0	-	4.0	800	1101	1.1	634.639	GSS07-3M □□□071C32	E84DVB□7514S□1N2G	684
0.2	0.8	-	3.5	905	1218	1.0	716.528	GSS07-3M □□□071C32	E84DVB□7514S□1N2G	684
0.2	0.7	-	3.0	1056	1413	0.8	833.556	GSS07-3M □□□071C32	E84DVB□7514S□1N2G	684



87 Hz: P_N = 1.00 kW

n_{22} / n_2 = 1 ... 17.4

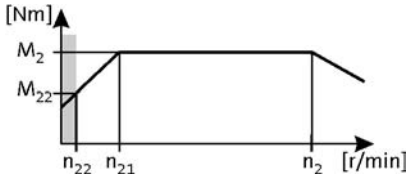
n_1 = 144.5 ... 2515 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
26	106	-	446	14	18	4.5	5.639	GSS04-2M □□□071C42	E84DVB□1124S□1N2G	676
19	78	-	325	18	25	4.5	7.733	GSS04-2M □□□071C42	E84DVB□1124S□1N2G	676
16	66	-	278	21	29	4.3	9.042	GSS04-2M □□□071C42	E84DVB□1124S□1N2G	676
15	61	-	254	23	33	4.2	9.897	GSS04-2M □□□071C42	E84DVB□1124S□1N2G	676
13	55	-	232	25	36	4.2	10.827	GSS04-2M □□□071C42	E84DVB□1124S□1N2G	676
12	48	-	203	28	39	3.4	12.400	GSS04-2M □□□071C42	E84DVB□1124S□1N2G	676
11	43	-	182	32	46	3.4	13.810	GSS04-2M □□□071C42	E84DVB□1124S□1N2G	676
9.1	38	-	159	36	51	2.9	15.869	GSS04-2M □□□071C42	E84DVB□1124S□1N2G	676
8.3	35	-	145	39	55	2.7	17.360	GSS04-2M □□□071C42	E84DVB□1124S□1N2G	676
7.1	29	-	123	42	60	2.0	20.417	GSS04-2M □□□071C42	E84DVB□1124S□1N2G	676
6.5	27	-	114	49	71	2.3	22.143	GSS04-2M □□□071C42	E84DVB□1124S□1N2G	676
5.8	24	-	101	51	74	1.9	24.800	GSS04-2M □□□071C42	E84DVB□1124S□1N2G	676
5.3	22	-	93	59	87	2.0	27.125	GSS04-2M □□□071C42	E84DVB□1124S□1N2G	676
4.6	19	-	79	64	94	1.6	31.738	GSS04-2M □□□071C42	E84DVB□1124S□1N2G	676
4.6	19	-	79	64	95	2.5	31.738	GSS05-2M □□□071C42	E84DVB□1124S□1N2G	676
4.2	18	-	74	73	109	1.6	34.100	GSS04-2M □□□071C42	E84DVB□1124S□1N2G	676
4.1	17	-	71	76	114	2.8	35.306	GSS05-2M □□□071C42	E84DVB□1124S□1N2G	676
3.7	15	-	64	76	114	1.4	39.200	GSS04-2M □□□071C42	E84DVB□1124S□1N2G	676
3.7	15	-	64	77	116	2.2	39.200	GSS05-2M □□□071C42	E84DVB□1124S□1N2G	676
3.3	14	-	57	93	139	1.3	43.917	GSS04-2M □□□071C42	E84DVB□1124S□1N2G	676
3.3	14	-	57	93	143	2.4	43.917	GSS05-2M □□□071C42	E84DVB□1124S□1N2G	676
3.3	14	-	57	95	140	3.2	43.917	GSS06-2M □□□071C42	E84DVB□1124S□1N2G	676
2.9	12	-	50	94	144	1.2	50.000	GSS04-2M □□□071C42	E84DVB□1124S□1N2G	676
2.9	12	-	50	96	149	1.9	50.000	GSS05-2M □□□071C42	E84DVB□1124S□1N2G	676
2.7	11	-	46	103	159	1.1	54.250	GSS04-2M □□□071C42	E84DVB□1124S□1N2G	676
2.7	11	-	46	105	165	1.8	54.250	GSS05-2M □□□071C42	E84DVB□1124S□1N2G	676
2.4	9.8	-	41	112	174	1.0	61.250	GSS04-2M □□□071C42	E84DVB□1124S□1N2G	676
2.4	9.8	-	41	115	183	1.7	61.250	GSS05-2M □□□071C42	E84DVB□1124S□1N2G	676
2.1	8.8	-	37	125	198	0.9	68.200	GSS04-2M □□□071C42	E84DVB□1124S□1N2G	676
2.1	8.5	-	36	133	215	1.5	70.611	GSS05-2M □□□071C42	E84DVB□1124S□1N2G	676
1.9	7.8	-	33	136	217	0.8	77.000	GSS04-2M □□□071C42	E84DVB□1124S□1N2G	676
1.8	7.5	-	32	145	240	1.4	79.722	GSS05-2M □□□071C42	E84DVB□1124S□1N2G	676
1.8	7.5	-	32	150	232	2.8	79.722	GSS06-2M □□□071C42	E84DVB□1124S□1N2G	676
1.7	6.8	-	29	161	268	1.3	87.833	GSS05-2M □□□071C42	E84DVB□1124S□1N2G	676
1.7	6.8	-	29	162	257	2.6	87.833	GSS06-2M □□□071C42	E84DVB□1124S□1N2G	676
1.5	6.1	-	25	176	297	1.2	99.167	GSS05-2M □□□071C42	E84DVB□1124S□1N2G	676
1.5	6.1	-	25	182	287	2.4	99.167	GSS06-2M □□□071C42	E84DVB□1124S□1N2G	676
1.3	5.3	-	22	208	344	1.0	113.667	GSS05-2M □□□071C42	E84DVB□1124S□1N2G	676
1.3	5.3	-	22	209	330	2.1	113.667	GSS06-2M □□□071C42	E84DVB□1124S□1N2G	676
1.1	4.7	-	20	228	379	0.9	128.333	GSS05-2M □□□071C42	E84DVB□1124S□1N2G	676
1.1	4.7	-	20	236	368	1.9	128.333	GSS06-2M □□□071C42	E84DVB□1124S□1N2G	676

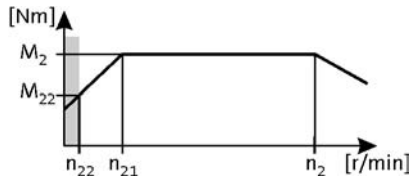
87 Hz: P_N = 1.00 kW

n_{22} / n_2 = 1 ... 17.4

n_1 = 144.5 ... 2515 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
1.1	4.7	-	20	228	349	2.0	126.531	GSS06-3M □□□071C42	E84DVB□1124S□1N2G	684
1.1	4.4	-	18	254	413	0.9	137.950	GSS05-2M □□□071C42	E84DVB□1124S□1N2G	676
1.1	4.4	-	18	253	398	1.7	137.950	GSS06-2M □□□071C42	E84DVB□1124S□1N2G	676
1.0	4.2	-	18	258	388	1.8	142.857	GSS06-3M □□□071C42	E84DVB□1124S□1N2G	684
1.0	4.2	-	18	266	397	3.0	142.857	GSS07-3M □□□071C42	E84DVB□1124S□1N2G	684
0.9	3.9	-	16	280	424	1.6	155.000	GSS06-3M □□□071C42	E84DVB□1124S□1N2G	684
0.9	3.9	-	16	286	443	1.6	155.750	GSS06-2M □□□071C42	E84DVB□1124S□1N2G	676
0.9	3.9	-	16	289	437	2.7	155.000	GSS07-3M □□□071C42	E84DVB□1124S□1N2G	684
0.8	3.4	-	14	320	498	1.4	174.375	GSS06-2M □□□071C42	E84DVB□1124S□1N2G	676
0.8	3.4	-	14	316	472	1.5	175.000	GSS06-3M □□□071C42	E84DVB□1124S□1N2G	684
0.8	3.4	-	14	325	485	2.5	175.000	GSS07-3M □□□071C42	E84DVB□1124S□1N2G	684
0.7	3.1	-	13	352	529	1.3	194.857	GSS06-3M □□□071C42	E84DVB□1124S□1N2G	684
0.7	3.1	-	13	362	554	1.3	196.875	GSS06-2M □□□071C42	E84DVB□1124S□1N2G	676
0.7	3.0	-	13	375	561	2.1	201.746	GSS07-3M □□□071C42	E84DVB□1124S□1N2G	684
0.6	2.5	-	11	432	642	1.1	238.700	GSS06-3M □□□071C42	E84DVB□1124S□1N2G	684
0.7	2.7	-	11	398	589	1.2	220.000	GSS06-3M □□□071C42	E84DVB□1124S□1N2G	684
0.6	2.6	-	11	423	625	1.9	227.778	GSS07-3M □□□071C42	E84DVB□1124S□1N2G	684
0.6	2.4	-	10	459	684	1.8	247.139	GSS07-3M □□□071C42	E84DVB□1124S□1N2G	684
0.5	2.2	-	9.3	488	712	1.0	269.500	GSS06-3M □□□071C42	E84DVB□1124S□1N2G	684
0.5	2.2	-	9.0	519	761	1.6	279.028	GSS07-3M □□□071C42	E84DVB□1124S□1N2G	684
0.5	1.9	-	8.1	564	821	0.9	310.689	GSS06-3M □□□071C42	E84DVB□1124S□1N2G	684
0.5	1.9	-	7.8	601	881	1.4	321.673	GSS07-3M □□□071C42	E84DVB□1124S□1N2G	684
0.4	1.7	-	6.9	681	978	1.2	363.179	GSS07-3M □□□071C42	E84DVB□1124S□1N2G	684
0.4	1.5	-	6.4	741	1066	1.1	394.245	GSS07-3M □□□071C42	E84DVB□1124S□1N2G	684
0.3	1.4	-	5.7	838	1182	1.0	445.116	GSS07-3M □□□071C42	E84DVB□1124S□1N2G	684
0.3	1.2	-	5.1	925	1304	0.9	490.403	GSS07-3M □□□071C42	E84DVB□1124S□1N2G	684
0.3	1.1	-	4.5	1047	1445	0.8	553.681	GSS07-3M □□□071C42	E84DVB□1124S□1N2G	684



87 Hz: P_N = 1.35 kW

n_{22} / n_2 = 1 ... 17.4

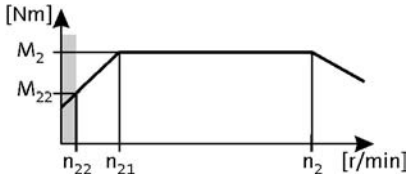
n_1 = 144.8 ... 2520 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
26	106	-	447	19	25	3.4	5.639	GSS04-2M □□□080C32	E84DVB□1524S□1N2G	676
19	78	-	326	25	35	3.5	7.733	GSS04-2M □□□080C32	E84DVB□1524S□1N2G	676
16	66	-	279	29	39	3.1	9.042	GSS04-2M □□□080C32	E84DVB□1524S□1N2G	676
15	61	-	255	32	45	3.3	9.897	GSS04-2M □□□080C32	E84DVB□1524S□1N2G	676
13	55	-	233	35	49	3.1	10.827	GSS04-2M □□□080C32	E84DVB□1524S□1N2G	676
12	48	-	203	39	54	2.5	12.400	GSS04-2M □□□080C32	E84DVB□1524S□1N2G	676
11	43	-	183	44	63	2.5	13.810	GSS04-2M □□□080C32	E84DVB□1524S□1N2G	676
9.1	38	-	159	49	69	2.1	15.869	GSS04-2M □□□080C32	E84DVB□1524S□1N2G	676
8.3	35	-	145	54	76	2.0	17.360	GSS04-2M □□□080C32	E84DVB□1524S□1N2G	676
7.1	29	-	123	58	82	1.5	20.417	GSS04-2M □□□080C32	E84DVB□1524S□1N2G	676
6.5	27	-	114	67	97	1.7	22.143	GSS04-2M □□□080C32	E84DVB□1524S□1N2G	676
5.8	24	-	102	71	101	1.4	24.800	GSS04-2M □□□080C32	E84DVB□1524S□1N2G	676
5.3	22	-	93	82	118	1.5	27.125	GSS04-2M □□□080C32	E84DVB□1524S□1N2G	676
5.3	22	-	93	82	120	2.4	27.125	GSS05-2M □□□080C32	E84DVB□1524S□1N2G	676
4.6	19	-	79	88	129	1.2	31.738	GSS04-2M □□□080C32	E84DVB□1524S□1N2G	676
4.6	19	-	79	89	131	1.9	31.738	GSS05-2M □□□080C32	E84DVB□1524S□1N2G	676
4.3	18	-	74	101	148	1.2	34.100	GSS04-2M □□□080C32	E84DVB□1524S□1N2G	676
4.1	17	-	71	105	157	2.0	35.306	GSS05-2M □□□080C32	E84DVB□1524S□1N2G	676
3.7	15	-	64	105	155	1.0	39.200	GSS04-2M □□□080C32	E84DVB□1524S□1N2G	676
3.7	15	-	64	107	159	1.6	39.200	GSS05-2M □□□080C32	E84DVB□1524S□1N2G	676
3.3	14	-	57	128	190	0.9	43.917	GSS04-2M □□□080C32	E84DVB□1524S□1N2G	676
3.3	14	-	57	129	196	1.8	43.917	GSS05-2M □□□080C32	E84DVB□1524S□1N2G	676
3.3	14	-	57	130	191	2.9	43.917	GSS06-2M □□□080C32	E84DVB□1524S□1N2G	676
2.9	12	-	50	129	196	0.9	50.000	GSS04-2M □□□080C32	E84DVB□1524S□1N2G	676
2.9	12	-	50	133	204	1.4	50.000	GSS05-2M □□□080C32	E84DVB□1524S□1N2G	676
2.7	11	-	47	141	217	0.8	54.250	GSS04-2M □□□080C32	E84DVB□1524S□1N2G	676
2.7	11	-	47	145	226	1.3	54.250	GSS05-2M □□□080C32	E84DVB□1524S□1N2G	676
2.4	9.8	-	41	159	251	1.2	61.250	GSS05-2M □□□080C32	E84DVB□1524S□1N2G	676
2.1	8.5	-	36	183	294	1.1	70.611	GSS05-2M □□□080C32	E84DVB□1524S□1N2G	676
2.1	8.5	-	36	185	285	2.2	70.611	GSS06-2M □□□080C32	E84DVB□1524S□1N2G	676
1.8	7.5	-	32	200	328	1.0	79.722	GSS05-2M □□□080C32	E84DVB□1524S□1N2G	676
1.8	7.5	-	32	208	318	2.0	79.722	GSS06-2M □□□080C32	E84DVB□1524S□1N2G	676
1.7	6.8	-	29	221	365	1.0	87.833	GSS05-2M □□□080C32	E84DVB□1524S□1N2G	676
1.7	6.8	-	29	225	352	1.9	87.833	GSS06-2M □□□080C32	E84DVB□1524S□1N2G	676
1.5	6.1	-	25	242	405	0.9	99.167	GSS05-2M □□□080C32	E84DVB□1524S□1N2G	676
1.5	6.1	-	25	252	393	1.8	99.167	GSS06-2M □□□080C32	E84DVB□1524S□1N2G	676
1.3	5.3	-	22	288	452	1.5	113.667	GSS06-2M □□□080C32	E84DVB□1524S□1N2G	676
1.3	5.3	-	22	300	462	2.6	113.667	GSS07-2M □□□080C32	E84DVB□1524S□1N2G	676
1.1	4.7	-	20	325	503	1.4	128.333	GSS06-2M □□□080C32	E84DVB□1524S□1N2G	676
1.1	4.7	-	20	315	478	1.5	126.531	GSS06-3M □□□080C32	E84DVB□1524S□1N2G	684
1.1	4.7	-	20	338	516	2.3	128.333	GSS07-2M □□□080C32	E84DVB□1524S□1N2G	676

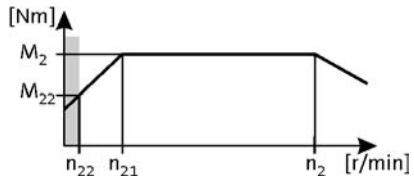
87 Hz: P_N = 1.35 kW

n_{22} / n_2 = 1 ... 17.4

n_1 = 144.8 ... 2520 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
1.1	4.7	-	20	328	490	2.5	126.531	GSS07-3M □□□080C32	E84DVB□1524S□1N2G	684
1.0	4.2	-	18	355	530	1.3	142.857	GSS06-3M □□□080C32	E84DVB□1524S□1N2G	684
1.1	4.4	-	18	348	544	1.3	137.950	GSS06-2M □□□080C32	E84DVB□1524S□1N2G	676
1.0	4.2	-	18	369	546	2.2	142.857	GSS07-3M □□□080C32	E84DVB□1524S□1N2G	684
1.1	4.4	-	18	361	560	2.2	137.950	GSS07-2M □□□080C32	E84DVB□1524S□1N2G	676
0.9	3.9	-	16	386	579	1.2	155.000	GSS06-3M □□□080C32	E84DVB□1524S□1N2G	684
0.9	3.9	-	16	394	605	1.2	155.750	GSS06-2M □□□080C32	E84DVB□1524S□1N2G	676
0.9	3.9	-	16	408	623	1.9	155.750	GSS07-2M □□□080C32	E84DVB□1524S□1N2G	676
0.9	3.9	-	16	400	599	2.0	155.000	GSS07-3M □□□080C32	E84DVB□1524S□1N2G	684
0.8	3.4	-	15	438	679	1.0	174.375	GSS06-2M □□□080C32	E84DVB□1524S□1N2G	676
0.8	3.4	-	15	453	701	1.7	174.375	GSS07-2M □□□080C32	E84DVB□1524S□1N2G	676
0.8	3.4	-	14	435	645	1.1	175.000	GSS06-3M □□□080C32	E84DVB□1524S□1N2G	684
0.8	3.4	-	14	450	664	1.8	175.000	GSS07-3M □□□080C32	E84DVB□1524S□1N2G	684
0.7	3.1	-	13	497	755	0.9	196.875	GSS06-2M □□□080C32	E84DVB□1524S□1N2G	676
0.7	3.1	-	13	484	722	1.0	194.857	GSS06-3M □□□080C32	E84DVB□1524S□1N2G	684
0.7	3.1	-	13	514	782	1.5	196.875	GSS07-2M □□□080C32	E84DVB□1524S□1N2G	676
0.7	3.0	-	13	518	768	1.6	201.746	GSS07-3M □□□080C32	E84DVB□1524S□1N2G	684
0.7	2.7	-	12	547	803	0.9	220.000	GSS06-3M □□□080C32	E84DVB□1524S□1N2G	684
0.6	2.6	-	11	583	855	1.4	227.778	GSS07-3M □□□080C32	E84DVB□1524S□1N2G	684
0.6	2.4	-	10	632	935	1.3	247.139	GSS07-3M □□□080C32	E84DVB□1524S□1N2G	684
0.5	2.2	-	9.0	715	1039	1.2	279.028	GSS07-3M □□□080C32	E84DVB□1524S□1N2G	684
0.5	1.9	-	7.8	827	1203	1.0	321.673	GSS07-3M □□□080C32	E84DVB□1524S□1N2G	684
0.4	1.7	-	6.9	936	1335	0.9	363.179	GSS07-3M □□□080C32	E84DVB□1524S□1N2G	684
0.4	1.5	-	6.4	1017	1455	0.8	394.245	GSS07-3M □□□080C32	E84DVB□1524S□1N2G	684



87 Hz: P_N = 2.00 kW

n_{22} / n_2 = 1 ... 17.4

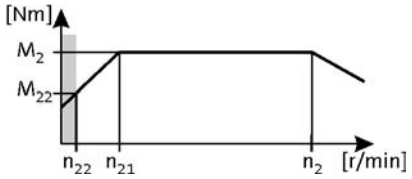
n_1 = 143.7 ... 2500 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
26	160	-	443	20	37	2.3	5.639	GSS04-2M □□□080C42	E84DVB□2224S□1N2G	676
19	116	-	323	28	52	2.4	7.733	GSS04-2M □□□080C42	E84DVB□2224S□1N2G	676
16	100	-	277	32	59	2.1	9.042	GSS04-2M □□□080C42	E84DVB□2224S□1N2G	676
15	91	-	253	36	67	2.2	9.897	GSS04-2M □□□080C42	E84DVB□2224S□1N2G	676
13	83	-	231	39	74	2.1	10.827	GSS04-2M □□□080C42	E84DVB□2224S□1N2G	676
12	73	-	202	44	82	1.7	12.400	GSS04-2M □□□080C42	E84DVB□2224S□1N2G	676
10	65	-	181	50	95	1.7	13.810	GSS04-2M □□□080C42	E84DVB□2224S□1N2G	676
10	65	-	181	49	94	2.8	13.810	GSS05-2M □□□080C42	E84DVB□2224S□1N2G	676
9.1	57	-	158	55	104	1.4	15.869	GSS04-2M □□□080C42	E84DVB□2224S□1N2G	676
9.1	57	-	158	55	104	2.3	15.869	GSS05-2M □□□080C42	E84DVB□2224S□1N2G	676
8.3	52	-	144	60	114	1.4	17.360	GSS04-2M □□□080C42	E84DVB□2224S□1N2G	676
8.3	52	-	144	60	114	2.2	17.360	GSS05-2M □□□080C42	E84DVB□2224S□1N2G	676
7.0	44	-	122	65	123	1.0	20.417	GSS04-2M □□□080C42	E84DVB□2224S□1N2G	676
7.0	44	-	122	66	123	1.7	20.417	GSS05-2M □□□080C42	E84DVB□2224S□1N2G	676
6.5	41	-	113	75	145	1.2	22.143	GSS04-2M □□□080C42	E84DVB□2224S□1N2G	676
6.5	41	-	113	75	147	1.9	22.143	GSS05-2M □□□080C42	E84DVB□2224S□1N2G	676
5.8	36	-	101	79	152	0.9	24.800	GSS04-2M □□□080C42	E84DVB□2224S□1N2G	676
5.8	36	-	101	79	153	1.5	24.800	GSS05-2M □□□080C42	E84DVB□2224S□1N2G	676
5.3	33	-	92	91	177	1.0	27.125	GSS04-2M □□□080C42	E84DVB□2224S□1N2G	676
5.3	33	-	92	91	180	1.6	27.125	GSS05-2M □□□080C42	E84DVB□2224S□1N2G	676
4.5	28	-	79	100	196	1.3	31.738	GSS05-2M □□□080C42	E84DVB□2224S□1N2G	676
4.5	28	-	79	99	194	2.3	31.738	GSS06-2M □□□080C42	E84DVB□2224S□1N2G	676
4.1	26	-	71	117	235	1.4	35.306	GSS05-2M □□□080C42	E84DVB□2224S□1N2G	676
4.1	26	-	71	116	229	2.7	35.306	GSS06-2M □□□080C42	E84DVB□2224S□1N2G	676
3.7	23	-	64	120	239	1.1	39.200	GSS05-2M □□□080C42	E84DVB□2224S□1N2G	676
3.7	23	-	64	122	238	2.1	39.200	GSS06-2M □□□080C42	E84DVB□2224S□1N2G	676
3.3	21	-	58	146	283	3.1	43.271	GSS07-2M □□□080C42	E84DVB□2224S□1N2G	676
3.3	21	-	57	143	293	1.2	43.917	GSS05-2M □□□080C42	E84DVB□2224S□1N2G	676
3.3	21	-	57	143	285	2.4	43.917	GSS06-2M □□□080C42	E84DVB□2224S□1N2G	676
2.9	18	-	50	148	306	0.9	50.000	GSS05-2M □□□080C42	E84DVB□2224S□1N2G	676
2.9	18	-	50	152	303	1.8	50.000	GSS06-2M □□□080C42	E84DVB□2224S□1N2G	676
2.7	17	-	46	161	338	0.9	54.250	GSS05-2M □□□080C42	E84DVB□2224S□1N2G	676
2.7	17	-	46	163	331	1.8	54.250	GSS06-2M □□□080C42	E84DVB□2224S□1N2G	676
2.4	15	-	41	177	375	0.8	61.250	GSS05-2M □□□080C42	E84DVB□2224S□1N2G	676
2.4	15	-	41	183	370	1.6	61.250	GSS06-2M □□□080C42	E84DVB□2224S□1N2G	676
2.0	13	-	35	207	428	1.5	70.611	GSS06-2M □□□080C42	E84DVB□2224S□1N2G	676
2.0	13	-	35	215	434	2.7	70.611	GSS07-2M □□□080C42	E84DVB□2224S□1N2G	676
1.8	11	-	31	232	478	1.4	79.722	GSS06-2M □□□080C42	E84DVB□2224S□1N2G	676
1.8	11	-	31	241	487	2.5	79.722	GSS07-2M □□□080C42	E84DVB□2224S□1N2G	676
1.6	10	-	29	251	528	1.3	87.833	GSS06-2M □□□080C42	E84DVB□2224S□1N2G	676
1.7	10	-	29	259	531	2.3	86.542	GSS07-2M □□□080C42	E84DVB□2224S□1N2G	676

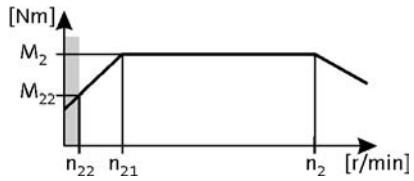
87 Hz: P_N = 2.00 kW

n_{22} / n_2 = 1 ... 17.4

n_1 = 143.7 ... 2500 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
1.5	9.2	-	26	291	594	2.0	97.708	GSS07-2M □□□080C42	E84DVB□2224S□1N2G	676
1.5	9.1	-	25	281	589	1.2	99.167	GSS06-2M □□□080C42	E84DVB□2224S□1N2G	676
1.3	7.9	-	22	322	676	1.0	113.667	GSS06-2M □□□080C42	E84DVB□2224S□1N2G	676
1.3	7.9	-	22	335	694	1.8	113.667	GSS07-2M □□□080C42	E84DVB□2224S□1N2G	676
1.1	7.0	-	20	363	753	0.9	128.333	GSS06-2M □□□080C42	E84DVB□2224S□1N2G	676
1.1	7.1	-	20	352	716	1.0	126.531	GSS06-3M □□□080C42	E84DVB□2224S□1N2G	684
1.1	7.0	-	20	378	774	1.6	128.333	GSS07-2M □□□080C42	E84DVB□2224S□1N2G	676
1.1	7.1	-	20	367	736	1.7	126.531	GSS07-3M □□□080C42	E84DVB□2224S□1N2G	684
1.0	6.5	-	18	388	814	0.9	137.950	GSS06-2M □□□080C42	E84DVB□2224S□1N2G	676
1.0	6.3	-	18	397	793	0.9	142.857	GSS06-3M □□□080C42	E84DVB□2224S□1N2G	684
1.0	6.5	-	18	403	840	1.5	137.950	GSS07-2M □□□080C42	E84DVB□2224S□1N2G	676
1.0	6.3	-	18	412	820	1.5	142.857	GSS07-3M □□□080C42	E84DVB□2224S□1N2G	684
		-	16	430	866	0.8	155.000	GSS06-3M □□□080C42	E84DVB□2224S□1N2G	684
0.9	5.8	-	16	456	934	1.3	155.750	GSS07-2M □□□080C42	E84DVB□2224S□1N2G	676
0.9	5.8	-	16	447	899	1.4	155.000	GSS07-3M □□□080C42	E84DVB□2224S□1N2G	684
0.8	5.2	-	14	506	1051	1.2	174.375	GSS07-2M □□□080C42	E84DVB□2224S□1N2G	676
0.8	5.1	-	14	503	996	1.2	175.000	GSS07-3M □□□080C42	E84DVB□2224S□1N2G	684
0.7	4.6	-	13	573	1171	1.0	196.875	GSS07-2M □□□080C42	E84DVB□2224S□1N2G	676
0.7	4.5	-	12	578	1150	1.1	201.746	GSS07-3M □□□080C42	E84DVB□2224S□1N2G	684
0.6	4.0	-	11	651	1280	1.0	227.778	GSS07-3M □□□080C42	E84DVB□2224S□1N2G	684
0.6	3.6	-	10	706	1398	0.9	247.139	GSS07-3M □□□080C42	E84DVB□2224S□1N2G	684



87 Hz: P_N = 2.70 kW

n_{22} / n_2 = 1 ... 17.4

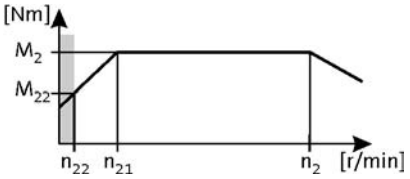
n_1 = 144.8 ... 2520 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
26	106	-	444	35	51	1.7	5.639	GSS04-2M □□□090C32	E84DVB□3024S□1N2G	676
19	78	-	324	48	71	1.7	7.733	GSS04-2M □□□090C32	E84DVB□3024S□1N2G	676
16	66	-	277	54	81	1.6	9.042	GSS04-2M □□□090C32	E84DVB□3024S□1N2G	676
16	66	-	277	53	80	2.3	9.042	GSS05-2M □□□090C32	E84DVB□3024S□1N2G	676
15	61	-	253	60	92	1.6	9.897	GSS04-2M □□□090C32	E84DVB□3024S□1N2G	676
15	61	-	253	60	91	2.4	9.897	GSS05-2M □□□090C32	E84DVB□3024S□1N2G	676
13	55	-	231	66	101	1.5	10.827	GSS04-2M □□□090C32	E84DVB□3024S□1N2G	676
13	55	-	231	66	100	2.4	10.827	GSS05-2M □□□090C32	E84DVB□3024S□1N2G	676
12	48	-	202	73	111	1.3	12.400	GSS04-2M □□□090C32	E84DVB□3024S□1N2G	676
12	48	-	202	73	111	2.0	12.400	GSS05-2M □□□090C32	E84DVB□3024S□1N2G	676
11	43	-	181	83	129	1.3	13.810	GSS04-2M □□□090C32	E84DVB□3024S□1N2G	676
11	43	-	181	83	129	2.1	13.810	GSS05-2M □□□090C32	E84DVB□3024S□1N2G	676
9.1	38	-	158	92	142	1.1	15.869	GSS04-2M □□□090C32	E84DVB□3024S□1N2G	676
9.1	38	-	158	93	143	1.7	15.869	GSS05-2M □□□090C32	E84DVB□3024S□1N2G	676
8.3	35	-	144	101	156	1.0	17.360	GSS04-2M □□□090C32	E84DVB□3024S□1N2G	676
8.3	35	-	144	101	157	1.6	17.360	GSS05-2M □□□090C32	E84DVB□3024S□1N2G	676
7.1	29	-	123	111	168	1.2	20.417	GSS05-2M □□□090C32	E84DVB□3024S□1N2G	676
6.5	27	-	113	125	198	0.9	22.143	GSS04-2M □□□090C32	E84DVB□3024S□1N2G	676
6.5	27	-	113	127	200	1.4	22.143	GSS05-2M □□□090C32	E84DVB□3024S□1N2G	676
5.8	24	-	101	134	209	1.1	24.800	GSS05-2M □□□090C32	E84DVB□3024S□1N2G	676
5.3	22	-	92	153	246	1.2	27.125	GSS05-2M □□□090C32	E84DVB□3024S□1N2G	676
5.3	22	-	92	153	241	2.4	27.125	GSS06-2M □□□090C32	E84DVB□3024S□1N2G	676
4.6	19	-	79	168	268	0.9	31.738	GSS05-2M □□□090C32	E84DVB□3024S□1N2G	676
4.6	19	-	79	168	266	1.7	31.738	GSS06-2M □□□090C32	E84DVB□3024S□1N2G	676
4.1	17	-	71	196	321	1.0	35.306	GSS05-2M □□□090C32	E84DVB□3024S□1N2G	676
4.1	17	-	71	197	315	2.0	35.306	GSS06-2M □□□090C32	E84DVB□3024S□1N2G	676
3.7	15	-	64	200	326	0.8	39.200	GSS05-2M □□□090C32	E84DVB□3024S□1N2G	676
3.7	15	-	64	206	326	1.6	39.200	GSS06-2M □□□090C32	E84DVB□3024S□1N2G	676
3.4	14	-	58	245	386	2.8	43.271	GSS07-2M □□□090C32	E84DVB□3024S□1N2G	676
3.3	14	-	57	239	400	0.9	43.917	GSS05-2M □□□090C32	E84DVB□3024S□1N2G	676
3.3	14	-	57	242	391	1.7	43.917	GSS06-2M □□□090C32	E84DVB□3024S□1N2G	676
2.9	12	-	50	256	414	1.4	50.000	GSS06-2M □□□090C32	E84DVB□3024S□1N2G	676
2.9	12	-	50	265	419	2.3	50.000	GSS07-2M □□□090C32	E84DVB□3024S□1N2G	676
2.7	11	-	46	275	452	1.3	54.250	GSS06-2M □□□090C32	E84DVB□3024S□1N2G	676
2.4	9.8	-	41	308	506	1.2	61.250	GSS06-2M □□□090C32	E84DVB□3024S□1N2G	676
2.1	8.5	-	36	347	584	1.1	70.611	GSS06-2M □□□090C32	E84DVB□3024S□1N2G	676
2.1	8.5	-	36	364	595	2.0	70.611	GSS07-2M □□□090C32	E84DVB□3024S□1N2G	676
1.8	7.5	-	31	388	652	1.0	79.722	GSS06-2M □□□090C32	E84DVB□3024S□1N2G	676
1.8	7.5	-	31	408	667	1.8	79.722	GSS07-2M □□□090C32	E84DVB□3024S□1N2G	676
1.7	6.8	-	29	420	721	1.0	87.833	GSS06-2M □□□090C32	E84DVB□3024S□1N2G	676
1.7	6.9	-	29	437	726	1.7	86.542	GSS07-2M □□□090C32	E84DVB□3024S□1N2G	676

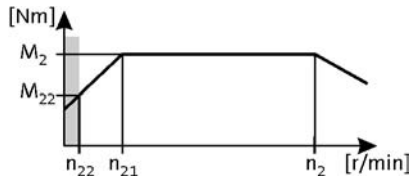
87 Hz: P_N = 2.70 kW

n_{22} / n_2 = 1 ... 17.4

n_1 = 144.8 ... 2520 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
1.5	6.1	-	26	490	813	1.5	97.708	GSS07-2M □□□090C32	E84DVB□3024S□1N2G	676
1.5	6.1	-	25	470	803	0.9	99.167	GSS06-2M □□□090C32	E84DVB□3024S□1N2G	676
1.3	5.3	-	22	563	949	1.3	113.667	GSS07-2M □□□090C32	E84DVB□3024S□1N2G	676
1.1	4.7	-	20	633	1058	1.2	128.333	GSS07-2M □□□090C32	E84DVB□3024S□1N2G	676
1.1	4.7	-	20	615	1006	1.2	126.531	GSS07-3M □□□090C32	E84DVB□3024S□1N2G	684
1.1	4.4	-	18	675	1147	1.1	137.950	GSS07-2M □□□090C32	E84DVB□3024S□1N2G	676
1.0	4.2	-	18	691	1119	1.1	142.857	GSS07-3M □□□090C32	E84DVB□3024S□1N2G	684
0.9	3.9	-	16	763	1274	1.0	155.750	GSS07-2M □□□090C32	E84DVB□3024S□1N2G	676
0.9	3.9	-	16	747	1227	1.0	155.000	GSS07-3M □□□090C32	E84DVB□3024S□1N2G	684
0.8	3.4	-	14	844	1433	0.9	174.375	GSS07-2M □□□090C32	E84DVB□3024S□1N2G	676
0.8	3.4	-	14	840	1360	0.9	175.000	GSS07-3M □□□090C32	E84DVB□3024S□1N2G	684



120 Hz: P_N = 0.55 kW

n_{22} / n_2 = 1 ... 24.0

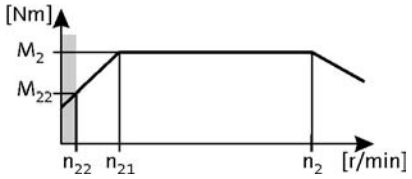
n_1 = 143.3 ... 3440 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
15	61	-	348	9.1	13	6.0	9.897	GSS04-2M□□□063C32	E84DVB□5514S□1N2G	692
13	55	-	318	10	14	5.2	10.827	GSS05-2M□□□063C32	E84DVB□5514S□1N2G	692
10	43	-	249	12	18	5.5	13.810	GSS04-2M□□□063C32	E84DVB□5514S□1N2G	692
9.0	38	-	217	14	20	6.0	15.869	GSS04-2M□□□063C32	E84DVB□5514S□1N2G	692
8.3	35	-	198	16	22	5.2	17.360	GSS05-2M□□□063C32	E84DVB□5514S□1N2G	692
6.5	27	-	155	19	29	5.1	22.143	GSS04-2M□□□063C32	E84DVB□5514S□1N2G	692
5.3	22	-	127	23	35	4.5	27.125	GSS04-2M□□□063C32	E84DVB□5514S□1N2G	692
4.5	19	-	108	24	39	3.4	31.738	GSS04-2M□□□063C32	E84DVB□5514S□1N2G	692
4.2	18	-	101	28	44	3.8	34.100	GSS04-2M□□□063C32	E84DVB□5514S□1N2G	692
3.7	15	-	88	29	47	2.9	39.200	GSS04-2M□□□063C32	E84DVB□5514S□1N2G	692
3.3	14	-	78	36	57	3.1	43.917	GSS04-2M□□□063C32	E84DVB□5514S□1N2G	692
2.9	12	-	69	36	60	2.5	50.000	GSS04-2M□□□063C32	E84DVB□5514S□1N2G	692
2.6	11	-	63	40	66	2.4	54.250	GSS04-2M□□□063C32	E84DVB□5514S□1N2G	692
2.3	9.8	-	56	44	73	2.2	61.250	GSS04-2M□□□063C32	E84DVB□5514S□1N2G	692
2.1	8.8	-	50	49	83	2.1	68.200	GSS04-2M□□□063C32	E84DVB□5514S□1N2G	692
1.9	7.8	-	45	53	91	1.9	77.000	GSS04-2M□□□063C32	E84DVB□5514S□1N2G	692
1.8	7.5	-	43	56	96	3.1	79.722	GSS05-2M□□□063C32	E84DVB□5514S□1N2G	692
1.6	6.8	-	39	62	106	1.7	87.833	GSS04-2M□□□063C32	E84DVB□5514S□1N2G	692
1.6	6.8	-	39	62	108	2.9	87.833	GSS05-2M□□□063C32	E84DVB□5514S□1N2G	692
1.5	6.1	-	35	68	117	1.5	99.167	GSS04-2M□□□063C32	E84DVB□5514S□1N2G	692
1.5	6.1	-	35	68	120	2.7	99.167	GSS05-2M□□□063C32	E84DVB□5514S□1N2G	692
1.3	5.4	-	31	80	134	1.3	111.318	GSS04-2M□□□063C32	E84DVB□5514S□1N2G	692
1.3	5.3	-	30	81	141	2.5	113.667	GSS05-2M□□□063C32	E84DVB□5514S□1N2G	692
1.1	4.8	-	27	86	147	1.2	125.682	GSS04-2M□□□063C32	E84DVB□5514S□1N2G	692
1.1	4.8	-	27	86	165	1.6	125.476	GSS05-3M□□□063C32	E84DVB□5514S□1N2G	700
1.1	4.7	-	27	89	156	2.3	128.333	GSS05-2M□□□063C32	E84DVB□5514S□1N2G	692
1.0	4.3	-	25	100	167	1.1	139.500	GSS04-2M□□□063C32	E84DVB□5514S□1N2G	692
1.0	4.4	-	25	99	172	2.1	137.950	GSS05-2M□□□063C32	E84DVB□5514S□1N2G	692
0.9	3.8	-	22	109	183	1.0	157.500	GSS04-2M□□□063C32	E84DVB□5514S□1N2G	692
0.9	3.9	-	22	106	202	1.4	153.708	GSS05-3M□□□063C32	E84DVB□5514S□1N2G	700
0.9	3.9	-	22	109	191	1.9	155.750	GSS05-2M□□□063C32	E84DVB□5514S□1N2G	692
0.8	3.4	-	20	128	220	1.6	176.313	GSS05-2M□□□063C32	E84DVB□5514S□1N2G	692
0.7	3.1	-	18	134	251	1.2	193.233	GSS05-3M□□□063C32	E84DVB□5514S□1N2G	700
0.7	3.1	-	18	135	222	3.2	194.857	GSS06-3M□□□063C32	E84DVB□5514S□1N2G	700
0.7	3.0	-	17	140	245	1.5	199.063	GSS05-2M□□□063C32	E84DVB□5514S□1N2G	692
0.7	2.7	-	16	154	268	1.3	222.133	GSS05-3M□□□063C32	E84DVB□5514S□1N2G	700
0.7	2.7	-	16	154	248	2.8	220.000	GSS06-3M□□□063C32	E84DVB□5514S□1N2G	700
0.6	2.4	-	14	175	306	1.2	250.952	GSS05-3M□□□063C32	E84DVB□5514S□1N2G	700
0.6	2.5	-	14	167	271	2.6	238.700	GSS06-3M□□□063C32	E84DVB□5514S□1N2G	700
0.5	2.2	-	13	190	302	2.3	269.500	GSS06-3M□□□063C32	E84DVB□5514S□1N2G	700
0.5	2.1	-	12	198	338	1.1	283.333	GSS05-3M□□□063C32	E84DVB□5514S□1N2G	700

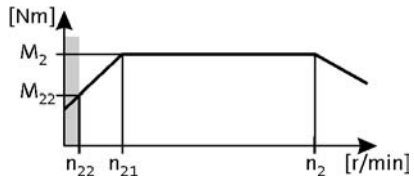
120 Hz: P_N = 0.55 kW

n_{22} / n_2 = 1 ... 24.0

n_1 = 143.3 ... 3440 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
0.5	2.0	-	11	215	371	1.0	307.417	GSS05-3M□□□063C32	E84DVB□5514S□1N2G	700
0.5	1.9	-	11	220	350	2.0	310.689	GSS06-3M□□□063C32	E84DVB□5514S□1N2G	700
0.4	1.7	-	9.8	250	388	1.8	350.778	GSS06-3M□□□063C32	E84DVB□5514S□1N2G	700
0.4	1.7	-	9.5	263	412	3.0	363.179	GSS07-3M□□□063C32	E84DVB□5514S□1N2G	700
0.4	1.6	-	8.9	276	431	1.7	386.467	GSS06-3M□□□063C32	E84DVB□5514S□1N2G	700
0.4	1.5	-	8.7	287	453	2.7	394.245	GSS07-3M□□□063C32	E84DVB□5514S□1N2G	700
0.3	1.4	-	7.9	313	480	1.5	436.333	GSS06-3M□□□063C32	E84DVB□5514S□1N2G	700
0.3	1.4	-	7.7	326	503	2.4	445.116	GSS07-3M□□□063C32	E84DVB□5514S□1N2G	700
0.3	1.2	-	7.0	361	556	2.2	490.403	GSS07-3M□□□063C32	E84DVB□5514S□1N2G	700
0.3	1.2	-	6.9	359	550	1.3	497.722	GSS06-3M□□□063C32	E84DVB□5514S□1N2G	700
0.3	1.1	-	6.2	409	620	2.0	553.681	GSS07-3M□□□063C32	E84DVB□5514S□1N2G	700
0.3	1.1	-	6.1	406	612	1.2	561.944	GSS06-3M□□□063C32	E84DVB□5514S□1N2G	700
0.2	1.0	-	5.5	457	689	1.0	630.803	GSS06-3M□□□063C32	E84DVB□5514S□1N2G	700
0.2	1.0	-	5.4	472	715	1.7	634.639	GSS07-3M□□□063C32	E84DVB□5514S□1N2G	700
0.2	0.8	-	4.8	518	763	0.9	712.197	GSS06-3M□□□063C32	E84DVB□5514S□1N2G	700
0.2	0.8	-	4.8	535	795	1.6	716.528	GSS07-3M□□□063C32	E84DVB□5514S□1N2G	700
0.2	0.7	-	4.1	625	928	1.3	833.556	GSS07-3M□□□063C32	E84DVB□5514S□1N2G	700
0.2	0.6	-	3.7	708	1030	1.2	941.111	GSS07-3M□□□063C32	E84DVB□5514S□1N2G	700
0.1	0.6	-	3.4	762	1112	1.1	1011.633	GSS07-3M□□□063C32	E84DVB□5514S□1N2G	700
0.1	0.5	-	3.0	863	1232	1.0	1142.167	GSS07-3M□□□063C32	E84DVB□5514S□1N2G	700
0.1	0.5	-	2.8	929	1329	0.9	1227.755	GSS07-3M□□□063C32	E84DVB□5514S□1N2G	700



120 Hz: P_N = 0.75 kW

n_{22} / n_2 = 1 ... 24.0

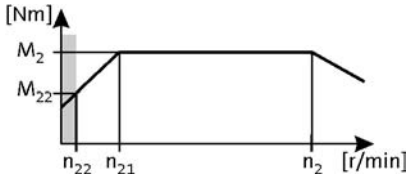
n_1 = 141.7 ... 3400 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
14	61	-	344	13	18	4.3	9.897	GSS04-2M□□□063C42	E84DVB□7514S□1N2G	692
13	55	-	314	14	20	3.8	10.827	GSS05-2M□□□063C42	E84DVB□7514S□1N2G	692
10	43	-	246	17	26	4.0	13.810	GSS04-2M□□□063C42	E84DVB□7514S□1N2G	692
8.9	38	-	214	19	29	4.3	15.869	GSS04-2M□□□063C42	E84DVB□7514S□1N2G	692
8.2	35	-	196	22	31	3.8	17.360	GSS05-2M□□□063C42	E84DVB□7514S□1N2G	692
6.4	27	-	154	26	40	3.7	22.143	GSS04-2M□□□063C42	E84DVB□7514S□1N2G	692
5.2	22	-	125	32	49	3.2	27.125	GSS04-2M□□□063C42	E84DVB□7514S□1N2G	692
4.5	19	-	107	34	54	2.5	31.738	GSS04-2M□□□063C42	E84DVB□7514S□1N2G	692
4.2	18	-	100	39	62	2.8	34.100	GSS04-2M□□□063C42	E84DVB□7514S□1N2G	692
3.6	15	-	87	41	65	2.1	39.200	GSS04-2M□□□063C42	E84DVB□7514S□1N2G	692
3.2	14	-	77	50	80	2.2	43.917	GSS04-2M□□□063C42	E84DVB□7514S□1N2G	692
3.2	14	-	77	51	80	3.0	43.917	GSS05-2M□□□063C42	E84DVB□7514S□1N2G	692
2.8	12	-	68	50	83	1.8	50.000	GSS04-2M□□□063C42	E84DVB□7514S□1N2G	692
2.8	12	-	68	51	83	3.0	50.000	GSS05-2M□□□063C42	E84DVB□7514S□1N2G	692
2.6	11	-	63	55	92	1.8	54.250	GSS04-2M□□□063C42	E84DVB□7514S□1N2G	692
2.3	9.8	-	56	60	101	1.6	61.250	GSS04-2M□□□063C42	E84DVB□7514S□1N2G	692
2.1	8.8	-	50	68	115	1.5	68.200	GSS04-2M□□□063C42	E84DVB□7514S□1N2G	692
2.0	8.5	-	48	71	121	2.4	70.611	GSS05-2M□□□063C42	E84DVB□7514S□1N2G	692
1.8	7.8	-	44	73	127	1.4	77.000	GSS04-2M□□□063C42	E84DVB□7514S□1N2G	692
1.8	7.5	-	43	78	134	2.2	79.722	GSS05-2M□□□063C42	E84DVB□7514S□1N2G	692
1.6	6.8	-	39	86	147	1.2	87.833	GSS04-2M□□□063C42	E84DVB□7514S□1N2G	692
1.6	6.8	-	39	86	151	2.1	87.833	GSS05-2M□□□063C42	E84DVB□7514S□1N2G	692
1.4	6.1	-	34	93	163	1.1	99.167	GSS04-2M□□□063C42	E84DVB□7514S□1N2G	692
1.4	6.1	-	34	94	167	1.9	99.167	GSS05-2M□□□063C42	E84DVB□7514S□1N2G	692
1.3	5.4	-	31	109	186	1.0	111.318	GSS04-2M□□□063C42	E84DVB□7514S□1N2G	692
1.3	5.3	-	30	112	196	1.8	113.667	GSS05-2M□□□063C42	E84DVB□7514S□1N2G	692
1.3	5.3	-	30	112	192	3.0	113.667	GSS06-2M□□□063C42	E84DVB□7514S□1N2G	692
1.1	4.8	-	27	119	229	1.2	125.476	GSS05-3M□□□063C42	E84DVB□7514S□1N2G	700
1.1	4.7	-	27	123	217	1.6	128.333	GSS05-2M□□□063C42	E84DVB□7514S□1N2G	692
1.1	4.7	-	27	126	214	3.0	128.333	GSS06-2M□□□063C42	E84DVB□7514S□1N2G	692
1.0	4.4	-	25	137	238	1.5	137.950	GSS05-2M□□□063C42	E84DVB□7514S□1N2G	692
1.0	4.4	-	25	136	232	2.6	137.950	GSS06-2M□□□063C42	E84DVB□7514S□1N2G	692
1.0	4.2	-	24	137	226	3.0	142.857	GSS06-3M□□□063C42	E84DVB□7514S□1N2G	700
0.9	3.9	-	22	146	279	1.0	153.708	GSS05-3M□□□063C42	E84DVB□7514S□1N2G	700
0.9	3.9	-	22	150	265	1.4	155.750	GSS05-2M□□□063C42	E84DVB□7514S□1N2G	692
0.9	3.9	-	22	153	259	2.6	155.750	GSS06-2M□□□063C42	E84DVB□7514S□1N2G	692
0.9	3.9	-	22	149	247	2.8	155.000	GSS06-3M□□□063C42	E84DVB□7514S□1N2G	700
0.8	3.4	-	20	172	292	2.1	174.375	GSS06-2M□□□063C42	E84DVB□7514S□1N2G	692
0.8	3.4	-	19	176	305	1.1	176.313	GSS05-2M□□□063C42	E84DVB□7514S□1N2G	692
0.8	3.4	-	19	169	276	2.6	175.000	GSS06-3M□□□063C42	E84DVB□7514S□1N2G	700
0.7	3.0	-	17	193	339	1.1	199.063	GSS05-2M□□□063C42	E84DVB□7514S□1N2G	692

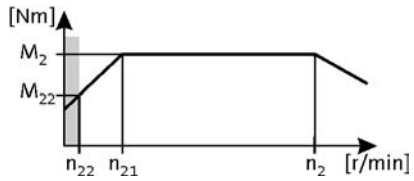
120 Hz: P_N = 0.75 kW

n_{22} / n_2 = 1 ... 24.0

n_1 = 141.7 ... 3400 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
0.7	3.1	-	17	195	326	2.1	196.875	GSS06-2M□□□063C42	E84DVB□7514S□1N2G	692
0.7	3.1	-	17	188	310	2.3	194.857	GSS06-3M□□□063C42	E84DVB□7514S□1N2G	700
0.6	2.7	-	16	213	345	2.1	220.000	GSS06-3M□□□063C42	E84DVB□7514S□1N2G	700
0.6	2.7	-	15	212	372	1.0	222.133	GSS05-3M□□□063C42	E84DVB□7514S□1N2G	700
0.6	2.5	-	14	232	377	1.9	238.700	GSS06-3M□□□063C42	E84DVB□7514S□1N2G	700
0.6	2.4	-	14	244	397	3.1	247.139	GSS07-3M□□□063C42	E84DVB□7514S□1N2G	700
0.5	2.2	-	13	262	420	1.7	269.500	GSS06-3M□□□063C42	E84DVB□7514S□1N2G	700
0.5	2.2	-	12	277	444	2.8	279.028	GSS07-3M□□□063C42	E84DVB□7514S□1N2G	700
0.5	1.9	-	11	304	486	1.5	310.689	GSS06-3M□□□063C42	E84DVB□7514S□1N2G	700
0.4	1.9	-	11	321	516	2.4	321.673	GSS07-3M□□□063C42	E84DVB□7514S□1N2G	700
0.4	1.7	-	9.7	345	539	1.3	350.778	GSS06-3M□□□063C42	E84DVB□7514S□1N2G	700
0.4	1.7	-	9.4	365	574	2.1	363.179	GSS07-3M□□□063C42	E84DVB□7514S□1N2G	700
0.4	1.6	-	8.8	381	598	1.2	386.467	GSS06-3M□□□063C42	E84DVB□7514S□1N2G	700
0.4	1.5	-	8.6	397	631	2.0	394.245	GSS07-3M□□□063C42	E84DVB□7514S□1N2G	700
0.3	1.4	-	7.8	431	666	1.1	436.333	GSS06-3M□□□063C42	E84DVB□7514S□1N2G	700
0.3	1.4	-	7.6	451	700	1.8	445.116	GSS07-3M□□□063C42	E84DVB□7514S□1N2G	700
0.3	1.2	-	6.9	498	773	1.6	490.403	GSS07-3M□□□063C42	E84DVB□7514S□1N2G	700
0.3	1.2	-	6.8	493	762	0.9	497.722	GSS06-3M□□□063C42	E84DVB□7514S□1N2G	700
0.3	1.1	-	6.1	565	862	1.4	553.681	GSS07-3M□□□063C42	E84DVB□7514S□1N2G	700
0.2	1.0	-	5.4	650	993	1.3	634.639	GSS07-3M□□□063C42	E84DVB□7514S□1N2G	700
0.2	0.8	-	4.8	736	1104	1.1	716.528	GSS07-3M□□□063C42	E84DVB□7514S□1N2G	700
0.2	0.7	-	4.1	859	1287	1.0	833.556	GSS07-3M□□□063C42	E84DVB□7514S□1N2G	700



120 Hz: P_N = 1.10 kW

n_{22} / n_2 = 1 ... 24.0

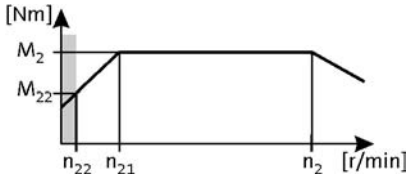
n_1 = 145.4 ... 3490 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
15	61	-	353	18	26	4.3	9.897	GSS04-2M□□□071C32	E84DVB□1124S□1N2G	692
13	55	-	322	20	28	4.3	10.827	GSS04-2M□□□071C32	E84DVB□1124S□1N2G	692
11	43	-	253	25	36	4.0	13.810	GSS04-2M□□□071C32	E84DVB□1124S□1N2G	692
9.2	38	-	220	28	41	3.2	15.869	GSS04-2M□□□071C32	E84DVB□1124S□1N2G	692
8.4	35	-	201	31	45	3.1	17.360	GSS04-2M□□□071C32	E84DVB□1124S□1N2G	692
6.6	27	-	158	39	58	2.6	22.143	GSS04-2M□□□071C32	E84DVB□1124S□1N2G	692
5.4	22	-	129	47	71	2.3	27.125	GSS04-2M□□□071C32	E84DVB□1124S□1N2G	692
4.6	19	-	110	51	78	1.7	31.738	GSS04-2M□□□071C32	E84DVB□1124S□1N2G	692
4.6	19	-	110	51	76	2.8	31.738	GSS05-2M□□□071C32	E84DVB□1124S□1N2G	692
4.3	18	-	102	59	89	1.9	34.100	GSS04-2M□□□071C32	E84DVB□1124S□1N2G	692
4.1	17	-	99	60	92	3.1	35.306	GSS05-2M□□□071C32	E84DVB□1124S□1N2G	692
3.7	15	-	89	61	94	1.5	39.200	GSS04-2M□□□071C32	E84DVB□1124S□1N2G	692
3.7	15	-	89	62	93	2.4	39.200	GSS05-2M□□□071C32	E84DVB□1124S□1N2G	692
3.3	14	-	80	75	115	1.6	43.917	GSS04-2M□□□071C32	E84DVB□1124S□1N2G	692
3.3	14	-	80	74	115	2.7	43.917	GSS05-2M□□□071C32	E84DVB□1124S□1N2G	692
2.9	12	-	70	75	120	1.3	50.000	GSS04-2M□□□071C32	E84DVB□1124S□1N2G	692
2.9	12	-	70	77	120	2.1	50.000	GSS05-2M□□□071C32	E84DVB□1124S□1N2G	692
2.7	11	-	64	82	132	1.2	54.250	GSS04-2M□□□071C32	E84DVB□1124S□1N2G	692
2.7	11	-	64	84	133	2.0	54.250	GSS05-2M□□□071C32	E84DVB□1124S□1N2G	692
2.4	9.8	-	57	90	146	1.1	61.250	GSS04-2M□□□071C32	E84DVB□1124S□1N2G	692
2.4	9.8	-	57	92	147	1.8	61.250	GSS05-2M□□□071C32	E84DVB□1124S□1N2G	692
2.1	8.8	-	51	101	165	1.1	68.200	GSS04-2M□□□071C32	E84DVB□1124S□1N2G	692
2.1	8.5	-	49	106	174	1.7	70.611	GSS05-2M□□□071C32	E84DVB□1124S□1N2G	692
1.9	7.8	-	45	109	182	1.0	77.000	GSS04-2M□□□071C32	E84DVB□1124S□1N2G	692
1.8	7.5	-	44	116	193	1.6	79.722	GSS05-2M□□□071C32	E84DVB□1124S□1N2G	692
1.8	7.5	-	44	119	192	3.0	79.722	GSS06-2M□□□071C32	E84DVB□1124S□1N2G	692
1.7	6.8	-	40	129	217	1.5	87.833	GSS05-2M□□□071C32	E84DVB□1124S□1N2G	692
1.7	6.8	-	40	129	213	2.9	87.833	GSS06-2M□□□071C32	E84DVB□1124S□1N2G	692
1.5	6.1	-	35	141	241	1.4	99.167	GSS05-2M□□□071C32	E84DVB□1124S□1N2G	692
1.5	6.1	-	35	145	239	2.6	99.167	GSS06-2M□□□071C32	E84DVB□1124S□1N2G	692
1.3	5.3	-	31	166	281	1.2	113.667	GSS05-2M□□□071C32	E84DVB□1124S□1N2G	692
1.3	5.3	-	31	166	276	2.5	113.667	GSS06-2M□□□071C32	E84DVB□1124S□1N2G	692
1.2	4.7	-	28	182	293	2.3	126.531	GSS06-3M□□□071C32	E84DVB□1124S□1N2G	700
1.1	4.7	-	27	182	312	1.2	128.333	GSS05-2M□□□071C32	E84DVB□1124S□1N2G	692
1.1	4.7	-	27	187	309	2.2	128.333	GSS06-2M□□□071C32	E84DVB□1124S□1N2G	692
1.1	4.4	-	25	203	342	1.1	137.950	GSS05-2M□□□071C32	E84DVB□1124S□1N2G	692
1.1	4.4	-	25	201	334	2.1	137.950	GSS06-2M□□□071C32	E84DVB□1124S□1N2G	692
1.0	4.2	-	24	205	327	2.1	142.857	GSS06-3M□□□071C32	E84DVB□1124S□1N2G	700
0.9	3.9	-	23	223	357	2.0	155.000	GSS06-3M□□□071C32	E84DVB□1124S□1N2G	700
0.9	3.9	-	22	222	380	0.9	155.750	GSS05-2M□□□071C32	E84DVB□1124S□1N2G	692
0.9	3.9	-	22	228	374	1.9	155.750	GSS06-2M□□□071C32	E84DVB□1124S□1N2G	692

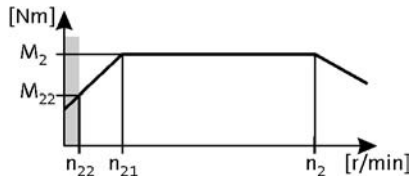
120 Hz: P_N = 1.10 kW

n_{22} / n_2 = 1 ... 24.0

n_1 = 145.4 ... 3490 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
0.8	3.4	-	20	255	420	1.7	174.375	GSS06-2M□□□071C32	E84DVB□1124S□1N2G	692
0.8	3.4	-	20	252	399	1.8	175.000	GSS06-3M□□□071C32	E84DVB□1124S□1N2G	700
0.8	3.4	-	20	258	406	3.0	175.000	GSS07-3M□□□071C32	E84DVB□1124S□1N2G	700
0.7	3.1	-	18	289	469	1.5	196.875	GSS06-2M□□□071C32	E84DVB□1124S□1N2G	692
0.8	3.1	-	18	281	446	1.6	194.857	GSS06-3M□□□071C32	E84DVB□1124S□1N2G	700
0.7	3.0	-	17	298	470	2.6	201.746	GSS07-3M□□□071C32	E84DVB□1124S□1N2G	700
0.7	2.7	-	16	318	497	1.4	220.000	GSS06-3M□□□071C32	E84DVB□1124S□1N2G	700
0.6	2.5	-	15	345	543	1.3	238.700	GSS06-3M□□□071C32	E84DVB□1124S□1N2G	700
0.6	2.6	-	15	337	526	2.3	227.778	GSS07-3M□□□071C32	E84DVB□1124S□1N2G	700
0.6	2.4	-	14	366	574	2.1	247.139	GSS07-3M□□□071C32	E84DVB□1124S□1N2G	700
0.5	2.2	-	13	390	605	1.2	269.500	GSS06-3M□□□071C32	E84DVB□1124S□1N2G	700
0.5	2.2	-	13	414	641	1.9	279.028	GSS07-3M□□□071C32	E84DVB□1124S□1N2G	700
0.5	1.9	-	11	451	699	1.0	310.689	GSS06-3M□□□071C32	E84DVB□1124S□1N2G	700
0.5	1.9	-	11	479	744	1.7	321.673	GSS07-3M□□□071C32	E84DVB□1124S□1N2G	700
0.4	1.7	-	10	510	775	0.9	350.778	GSS06-3M□□□071C32	E84DVB□1124S□1N2G	700
0.4	1.7	-	9.6	543	827	1.5	363.179	GSS07-3M□□□071C32	E84DVB□1124S□1N2G	700
0.4	1.5	-	8.9	591	908	1.4	394.245	GSS07-3M□□□071C32	E84DVB□1124S□1N2G	700
0.3	1.4	-	7.8	669	1006	1.2	445.116	GSS07-3M□□□071C32	E84DVB□1124S□1N2G	700
0.3	1.2	-	7.1	739	1112	1.1	490.403	GSS07-3M□□□071C32	E84DVB□1124S□1N2G	700
0.3	1.1	-	6.3	837	1238	1.0	553.681	GSS07-3M□□□071C32	E84DVB□1124S□1N2G	700



120 Hz: P_N = 1.50 kW

n_{22} / n_2 = 1 ... 24.0

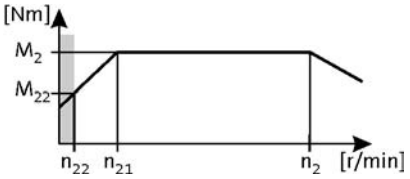
n_1 = 143.8 ... 3450 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
15	61	-	349	26	36	3.1	9.897	GSS04-2M□□□071C42	E84DVB□1524S□1N2G	692
13	55	-	319	28	40	3.1	10.827	GSS04-2M□□□071C42	E84DVB□1524S□1N2G	692
10	43	-	250	35	51	2.9	13.810	GSS04-2M□□□071C42	E84DVB□1524S□1N2G	692
9.1	38	-	217	39	58	2.3	15.869	GSS04-2M□□□071C42	E84DVB□1524S□1N2G	692
8.3	35	-	199	43	63	2.2	17.360	GSS04-2M□□□071C42	E84DVB□1524S□1N2G	692
6.5	27	-	156	54	80	1.9	22.143	GSS04-2M□□□071C42	E84DVB□1524S□1N2G	692
6.5	27	-	156	54	80	3.1	22.143	GSS05-2M□□□071C42	E84DVB□1524S□1N2G	692
5.3	22	-	127	65	99	1.6	27.125	GSS04-2M□□□071C42	E84DVB□1524S□1N2G	692
5.3	22	-	127	65	98	2.7	27.125	GSS05-2M□□□071C42	E84DVB□1524S□1N2G	692
4.5	19	-	109	70	108	1.3	31.738	GSS04-2M□□□071C42	E84DVB□1524S□1N2G	692
4.5	19	-	109	71	106	2.0	31.738	GSS05-2M□□□071C42	E84DVB□1524S□1N2G	692
4.2	18	-	101	81	124	1.4	34.100	GSS04-2M□□□071C42	E84DVB□1524S□1N2G	692
4.1	17	-	98	84	128	2.2	35.306	GSS05-2M□□□071C42	E84DVB□1524S□1N2G	692
3.7	15	-	88	84	130	1.1	39.200	GSS04-2M□□□071C42	E84DVB□1524S□1N2G	692
3.7	15	-	88	85	129	1.8	39.200	GSS05-2M□□□071C42	E84DVB□1524S□1N2G	692
3.3	14	-	79	102	159	1.1	43.917	GSS04-2M□□□071C42	E84DVB□1524S□1N2G	692
3.3	14	-	79	103	160	1.9	43.917	GSS05-2M□□□071C42	E84DVB□1524S□1N2G	692
3.3	14	-	79	105	159	2.8	43.917	GSS06-2M□□□071C42	E84DVB□1524S□1N2G	692
2.9	12	-	69	103	166	0.9	50.000	GSS04-2M□□□071C42	E84DVB□1524S□1N2G	692
2.9	12	-	69	106	166	1.5	50.000	GSS05-2M□□□071C42	E84DVB□1524S□1N2G	692
2.9	12	-	69	108	168	2.9	50.000	GSS06-2M□□□071C42	E84DVB□1524S□1N2G	692
2.7	11	-	64	116	184	1.4	54.250	GSS05-2M□□□071C42	E84DVB□1524S□1N2G	692
2.4	9.8	-	56	127	205	1.3	61.250	GSS05-2M□□□071C42	E84DVB□1524S□1N2G	692
2.0	8.5	-	49	146	241	1.2	70.611	GSS05-2M□□□071C42	E84DVB□1524S□1N2G	692
2.0	8.5	-	49	147	239	2.4	70.611	GSS06-2M□□□071C42	E84DVB□1524S□1N2G	692
1.8	7.5	-	43	160	267	1.1	79.722	GSS05-2M□□□071C42	E84DVB□1524S□1N2G	692
1.8	7.5	-	43	165	268	2.2	79.722	GSS06-2M□□□071C42	E84DVB□1524S□1N2G	692
1.6	6.8	-	39	177	300	1.1	87.833	GSS05-2M□□□071C42	E84DVB□1524S□1N2G	692
1.6	6.8	-	39	179	297	2.1	87.833	GSS06-2M□□□071C42	E84DVB□1524S□1N2G	692
1.5	6.1	-	35	193	333	1.0	99.167	GSS05-2M□□□071C42	E84DVB□1524S□1N2G	692
1.5	6.1	-	35	201	333	1.9	99.167	GSS06-2M□□□071C42	E84DVB□1524S□1N2G	692
1.3	5.3	-	30	229	390	0.9	113.667	GSS05-2M□□□071C42	E84DVB□1524S□1N2G	692
1.3	5.3	-	30	230	384	1.8	113.667	GSS06-2M□□□071C42	E84DVB□1524S□1N2G	692
1.1	4.7	-	27	259	429	1.6	128.333	GSS06-2M□□□071C42	E84DVB□1524S□1N2G	692
1.1	4.7	-	27	251	407	1.7	126.531	GSS06-3M□□□071C42	E84DVB□1524S□1N2G	700
1.1	4.7	-	27	260	412	3.0	126.531	GSS07-3M□□□071C42	E84DVB□1524S□1N2G	700
1.0	4.4	-	25	278	464	1.5	137.950	GSS06-2M□□□071C42	E84DVB□1524S□1N2G	692
1.0	4.2	-	24	283	455	1.5	142.857	GSS06-3M□□□071C42	E84DVB□1524S□1N2G	700
1.0	4.2	-	24	293	462	2.7	142.857	GSS07-3M□□□071C42	E84DVB□1524S□1N2G	700
0.9	3.9	-	22	308	497	1.4	155.000	GSS06-3M□□□071C42	E84DVB□1524S□1N2G	700
0.9	3.9	-	22	314	519	1.4	155.750	GSS06-2M□□□071C42	E84DVB□1524S□1N2G	692

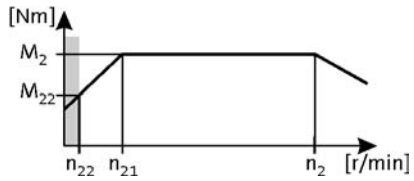
120 Hz: P_N = 1.50 kW

n_{22} / n_2 = 1 ... 24.0

n_1 = 143.8 ... 3450 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
0.9	3.9	-	22	318	504	2.4	155.000	GSS07-3M□□□071C42	E84DVB□1524S□1N2G	700
0.8	3.4	-	20	351	583	1.2	174.375	GSS06-2M□□□071C42	E84DVB□1524S□1N2G	692
0.8	3.4	-	20	347	553	1.3	175.000	GSS06-3M□□□071C42	E84DVB□1524S□1N2G	700
0.8	3.4	-	20	358	565	2.2	175.000	GSS07-3M□□□071C42	E84DVB□1524S□1N2G	700
0.7	3.1	-	18	397	650	1.1	196.875	GSS06-2M□□□071C42	E84DVB□1524S□1N2G	692
0.7	3.1	-	18	387	619	1.2	194.857	GSS06-3M□□□071C42	E84DVB□1524S□1N2G	700
0.7	3.0	-	17	413	654	1.9	201.746	GSS07-3M□□□071C42	E84DVB□1524S□1N2G	700
0.7	2.7	-	16	437	690	1.0	220.000	GSS06-3M□□□071C42	E84DVB□1524S□1N2G	700
0.6	2.5	-	15	474	752	1.0	238.700	GSS06-3M□□□071C42	E84DVB□1524S□1N2G	700
0.6	2.6	-	15	465	732	1.7	227.778	GSS07-3M□□□071C42	E84DVB□1524S□1N2G	700
0.6	2.4	-	14	504	798	1.6	247.139	GSS07-3M□□□071C42	E84DVB□1524S□1N2G	700
0.5	2.2	-	12	570	891	1.4	279.028	GSS07-3M□□□071C42	E84DVB□1524S□1N2G	700
0.5	1.9	-	11	660	1033	1.2	321.673	GSS07-3M□□□071C42	E84DVB□1524S□1N2G	700
0.4	1.7	-	9.5	747	1147	1.1	363.179	GSS07-3M□□□071C42	E84DVB□1524S□1N2G	700
0.4	1.5	-	8.8	813	1259	1.0	394.245	GSS07-3M□□□071C42	E84DVB□1524S□1N2G	700



120 Hz: P_N = 2.20 kW

n_{22} / n_2 = 1 ... 24.0

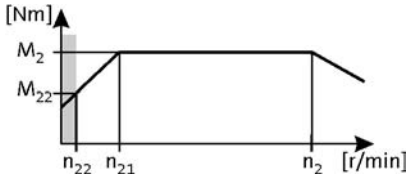
n_1 = 145.8 ... 3500 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
15	61	-	354	37	53	2.2	9.897	GSS04-2M□□□080C32	E84DVB□2224S□1N2G	692
14	55	-	323	41	58	2.1	10.827	GSS04-2M□□□080C32	E84DVB□2224S□1N2G	692
14	55	-	323	40	58	3.2	10.827	GSS05-2M□□□080C32	E84DVB□2224S□1N2G	692
11	43	-	253	51	74	2.0	13.810	GSS04-2M□□□080C32	E84DVB□2224S□1N2G	692
11	43	-	253	51	74	3.0	13.810	GSS05-2M□□□080C32	E84DVB□2224S□1N2G	692
9.2	38	-	221	57	84	1.6	15.869	GSS04-2M□□□080C32	E84DVB□2224S□1N2G	692
9.2	38	-	221	56	83	2.6	15.869	GSS05-2M□□□080C32	E84DVB□2224S□1N2G	692
8.4	35	-	202	62	92	1.5	17.360	GSS04-2M□□□080C32	E84DVB□2224S□1N2G	692
8.4	35	-	202	62	91	2.5	17.360	GSS05-2M□□□080C32	E84DVB□2224S□1N2G	692
6.6	27	-	158	78	117	1.3	22.143	GSS04-2M□□□080C32	E84DVB□2224S□1N2G	692
6.6	27	-	158	78	116	2.1	22.143	GSS05-2M□□□080C32	E84DVB□2224S□1N2G	692
5.4	22	-	129	94	143	1.1	27.125	GSS04-2M□□□080C32	E84DVB□2224S□1N2G	692
5.4	22	-	129	95	143	1.8	27.125	GSS05-2M□□□080C32	E84DVB□2224S□1N2G	692
4.6	19	-	110	103	155	1.4	31.738	GSS05-2M□□□080C32	E84DVB□2224S□1N2G	692
4.6	19	-	110	102	158	2.3	31.738	GSS06-2M□□□080C32	E84DVB□2224S□1N2G	692
4.1	17	-	99	121	187	1.5	35.306	GSS05-2M□□□080C32	E84DVB□2224S□1N2G	692
4.1	17	-	99	120	185	3.1	35.306	GSS06-2M□□□080C32	E84DVB□2224S□1N2G	692
3.7	15	-	89	124	188	1.2	39.200	GSS05-2M□□□080C32	E84DVB□2224S□1N2G	692
3.7	15	-	89	126	193	2.1	39.200	GSS06-2M□□□080C32	E84DVB□2224S□1N2G	692
3.3	14	-	80	148	233	1.3	43.917	GSS05-2M□□□080C32	E84DVB□2224S□1N2G	692
3.3	14	-	80	148	231	2.7	43.917	GSS06-2M□□□080C32	E84DVB□2224S□1N2G	692
2.9	12	-	70	153	242	1.0	50.000	GSS05-2M□□□080C32	E84DVB□2224S□1N2G	692
2.9	12	-	70	157	246	2.0	50.000	GSS06-2M□□□080C32	E84DVB□2224S□1N2G	692
2.9	12	-	70	161	248	3.0	50.000	GSS07-2M□□□080C32	E84DVB□2224S□1N2G	692
2.7	11	-	65	167	268	1.0	54.250	GSS05-2M□□□080C32	E84DVB□2224S□1N2G	692
2.7	11	-	65	169	269	2.0	54.250	GSS06-2M□□□080C32	E84DVB□2224S□1N2G	692
2.4	9.8	-	57	184	297	0.9	61.250	GSS05-2M□□□080C32	E84DVB□2224S□1N2G	692
2.4	9.8	-	57	190	301	1.8	61.250	GSS06-2M□□□080C32	E84DVB□2224S□1N2G	692
2.1	8.5	-	50	214	349	1.7	70.611	GSS06-2M□□□080C32	E84DVB□2224S□1N2G	692
2.1	8.5	-	50	223	352	2.8	70.611	GSS07-2M□□□080C32	E84DVB□2224S□1N2G	692
1.8	7.5	-	44	240	391	1.5	79.722	GSS06-2M□□□080C32	E84DVB□2224S□1N2G	692
1.8	7.5	-	44	250	394	2.7	79.722	GSS07-2M□□□080C32	E84DVB□2224S□1N2G	692
1.7	6.8	-	40	260	433	1.5	87.833	GSS06-2M□□□080C32	E84DVB□2224S□1N2G	692
1.7	6.9	-	40	269	432	2.7	86.542	GSS07-2M□□□080C32	E84DVB□2224S□1N2G	692
1.5	6.1	-	36	302	484	2.4	97.708	GSS07-2M□□□080C32	E84DVB□2224S□1N2G	692
1.5	6.1	-	35	291	485	1.3	99.167	GSS06-2M□□□080C32	E84DVB□2224S□1N2G	692
1.3	5.3	-	31	332	559	1.2	113.667	GSS06-2M□□□080C32	E84DVB□2224S□1N2G	692
1.3	5.3	-	31	347	567	2.2	113.667	GSS07-2M□□□080C32	E84DVB□2224S□1N2G	692
1.2	4.7	-	28	363	593	1.2	126.531	GSS06-3M□□□080C32	E84DVB□2224S□1N2G	700
1.2	4.7	-	28	379	602	2.1	126.531	GSS07-3M□□□080C32	E84DVB□2224S□1N2G	700
1.1	4.7	-	27	374	625	1.1	128.333	GSS06-2M□□□080C32	E84DVB□2224S□1N2G	692

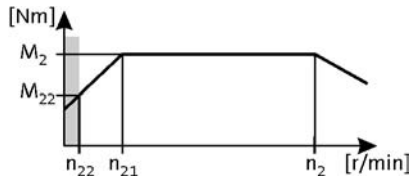
120 Hz: P_N = 2.20 kW

n_{22} / n_2 = 1 ... 24.0

n_1 = 145.8 ... 3500 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
1.1	4.7	-	27	391	635	1.9	128.333	GSS07-2M□□□080C32	E84DVB□2224S□1N2G	692
1.1	4.4	-	25	401	675	1.1	137.950	GSS06-2M□□□080C32	E84DVB□2224S□1N2G	692
1.0	4.2	-	25	409	662	1.1	142.857	GSS06-3M□□□080C32	E84DVB□2224S□1N2G	700
1.1	4.4	-	25	417	687	1.8	137.950	GSS07-2M□□□080C32	E84DVB□2224S□1N2G	692
1.0	4.2	-	25	426	674	1.8	142.857	GSS07-3M□□□080C32	E84DVB□2224S□1N2G	700
0.9	3.9	-	23	453	754	1.0	155.750	GSS06-2M□□□080C32	E84DVB□2224S□1N2G	692
0.9	3.9	-	23	444	722	1.0	155.000	GSS06-3M□□□080C32	E84DVB□2224S□1N2G	700
0.9	3.9	-	23	471	770	1.6	155.750	GSS07-2M□□□080C32	E84DVB□2224S□1N2G	692
0.9	3.9	-	23	461	735	1.7	155.000	GSS07-3M□□□080C32	E84DVB□2224S□1N2G	700
0.8	3.4	-	20	522	864	1.4	174.375	GSS07-2M□□□080C32	E84DVB□2224S□1N2G	692
0.8	3.4	-	20	519	824	1.5	175.000	GSS07-3M□□□080C32	E84DVB□2224S□1N2G	700
0.7	3.1	-	18	592	968	1.3	196.875	GSS07-2M□□□080C32	E84DVB□2224S□1N2G	692
0.7	3.0	-	17	597	952	1.3	201.746	GSS07-3M□□□080C32	E84DVB□2224S□1N2G	700
0.6	2.6	-	15	672	1065	1.2	227.778	GSS07-3M□□□080C32	E84DVB□2224S□1N2G	700
0.6	2.4	-	14	728	1160	1.1	247.139	GSS07-3M□□□080C32	E84DVB□2224S□1N2G	700
0.5	2.2	-	13	822	1295	1.0	279.028	GSS07-3M□□□080C32	E84DVB□2224S□1N2G	700



120 Hz: P_N = 3.00 kW

n_{22} / n_2 = 1 ... 24.0

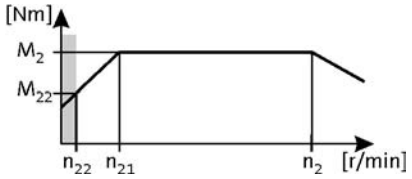
n_1 = 145.0 ... 3480 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
15	91	-	352	52	73	1.6	9.897	GSS04-2M□□□080C42	E84DVB□3024S□1N2G	692
15	91	-	352	51	73	2.4	9.897	GSS05-2M□□□080C42	E84DVB□3024S□1N2G	692
13	83	-	321	56	80	1.6	10.827	GSS04-2M□□□080C42	E84DVB□3024S□1N2G	692
13	83	-	321	56	80	2.4	10.827	GSS05-2M□□□080C42	E84DVB□3024S□1N2G	692
11	65	-	252	71	102	1.5	13.810	GSS04-2M□□□080C42	E84DVB□3024S□1N2G	692
11	65	-	252	71	102	2.2	13.810	GSS05-2M□□□080C42	E84DVB□3024S□1N2G	692
9.1	57	-	219	79	116	1.2	15.869	GSS04-2M□□□080C42	E84DVB□3024S□1N2G	692
9.1	57	-	219	79	114	1.9	15.869	GSS05-2M□□□080C42	E84DVB□3024S□1N2G	692
9.1	57	-	219	79	115	2.8	15.869	GSS06-2M□□□080C42	E84DVB□3024S□1N2G	692
8.4	52	-	201	86	127	1.1	17.360	GSS04-2M□□□080C42	E84DVB□3024S□1N2G	692
8.4	52	-	201	86	125	1.8	17.360	GSS05-2M□□□080C42	E84DVB□3024S□1N2G	692
8.4	52	-	201	86	126	2.8	17.360	GSS06-2M□□□080C42	E84DVB□3024S□1N2G	692
6.6	41	-	157	108	161	1.0	22.143	GSS04-2M□□□080C42	E84DVB□3024S□1N2G	692
6.6	41	-	157	108	161	1.5	22.143	GSS05-2M□□□080C42	E84DVB□3024S□1N2G	692
6.6	41	-	157	108	161	2.6	22.143	GSS06-2M□□□080C42	E84DVB□3024S□1N2G	692
5.4	33	-	128	131	197	1.3	27.125	GSS05-2M□□□080C42	E84DVB□3024S□1N2G	692
5.4	33	-	128	131	197	2.4	27.125	GSS06-2M□□□080C42	E84DVB□3024S□1N2G	692
4.6	28	-	110	143	213	1.0	31.738	GSS05-2M□□□080C42	E84DVB□3024S□1N2G	692
4.6	28	-	110	144	218	1.7	31.738	GSS06-2M□□□080C42	E84DVB□3024S□1N2G	692
4.1	26	-	99	168	258	1.1	35.306	GSS05-2M□□□080C42	E84DVB□3024S□1N2G	692
4.1	26	-	99	168	256	2.3	35.306	GSS06-2M□□□080C42	E84DVB□3024S□1N2G	692
3.7	23	-	89	176	267	1.6	39.200	GSS06-2M□□□080C42	E84DVB□3024S□1N2G	692
3.4	21	-	80	212	314	2.8	43.271	GSS07-2M□□□080C42	E84DVB□3024S□1N2G	692
3.3	21	-	79	205	321	1.0	43.917	GSS05-2M□□□080C42	E84DVB□3024S□1N2G	692
3.3	21	-	79	207	319	1.9	43.917	GSS06-2M□□□080C42	E84DVB□3024S□1N2G	692
2.9	18	-	70	219	340	1.5	50.000	GSS06-2M□□□080C42	E84DVB□3024S□1N2G	692
2.9	18	-	70	226	343	2.2	50.000	GSS07-2M□□□080C42	E84DVB□3024S□1N2G	692
2.7	17	-	64	235	371	1.4	54.250	GSS06-2M□□□080C42	E84DVB□3024S□1N2G	692
2.4	15	-	57	263	415	1.3	61.250	GSS06-2M□□□080C42	E84DVB□3024S□1N2G	692
2.1	13	-	49	297	481	1.2	70.611	GSS06-2M□□□080C42	E84DVB□3024S□1N2G	692
2.1	13	-	49	311	488	2.1	70.611	GSS07-2M□□□080C42	E84DVB□3024S□1N2G	692
1.8	11	-	44	333	539	1.1	79.722	GSS06-2M□□□080C42	E84DVB□3024S□1N2G	692
1.8	11	-	44	349	545	2.0	79.722	GSS07-2M□□□080C42	E84DVB□3024S□1N2G	692
1.7	10	-	40	360	597	1.1	87.833	GSS06-2M□□□080C42	E84DVB□3024S□1N2G	692
1.7	10	-	40	374	597	1.9	86.542	GSS07-2M□□□080C42	E84DVB□3024S□1N2G	692
1.5	9.2	-	36	419	668	1.8	97.708	GSS07-2M□□□080C42	E84DVB□3024S□1N2G	692
1.5	9.1	-	35	403	668	1.0	99.167	GSS06-2M□□□080C42	E84DVB□3024S□1N2G	692
1.3	7.9	-	31	459	770	0.9	113.667	GSS06-2M□□□080C42	E84DVB□3024S□1N2G	692
1.3	7.9	-	31	481	783	1.6	113.667	GSS07-2M□□□080C42	E84DVB□3024S□1N2G	692
1.2	7.1	-	28	526	831	1.5	126.531	GSS07-3M□□□080C42	E84DVB□3024S□1N2G	700
1.1	7.0	-	27	542	876	1.4	128.333	GSS07-2M□□□080C42	E84DVB□3024S□1N2G	692

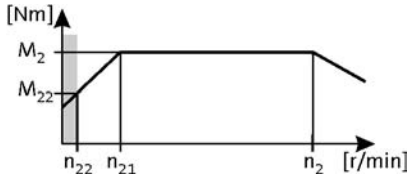
120 Hz: P_N = 3.00 kW

n_{22} / n_2 = 1 ... 24.0

n_1 = 145.0 ... 3480 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
1.1	6.5	-	25	578	947	1.3	137.950	GSS07-2M□□□080C42	E84DVB□3024S□1N2G	692
1.0	6.3	-	24	591	930	1.3	142.857	GSS07-3M□□□080C42	E84DVB□3024S□1N2G	700
0.9	5.8	-	23	639	1014	1.2	155.000	GSS07-3M□□□080C42	E84DVB□3024S□1N2G	700
0.9	5.8	-	22	652	1061	1.2	155.750	GSS07-2M□□□080C42	E84DVB□3024S□1N2G	692
0.8	5.2	-	20	722	1191	1.0	174.375	GSS07-2M□□□080C42	E84DVB□3024S□1N2G	692
0.8	5.1	-	20	718	1136	1.1	175.000	GSS07-3M□□□080C42	E84DVB□3024S□1N2G	700
0.7	4.6	-	18	818	1333	0.9	196.875	GSS07-2M□□□080C42	E84DVB□3024S□1N2G	692
0.7	4.5	-	17	825	1311	1.0	201.746	GSS07-3M□□□080C42	E84DVB□3024S□1N2G	700



50 Hz: P_N = 0.75 kW

n_{22} / n_2 = 1 ... 10.0

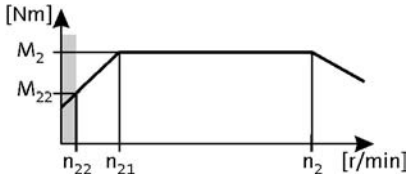
n_1 = 141.0 ... 1410 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
25	106	-	250	19	25	4.2	5.639	GSS04-2M □□□080C32	E84DVB□7514S□1N2G	708
18	78	-	182	25	35	4.2	7.733	GSS04-2M □□□080C32	E84DVB□7514S□1N2G	708
16	66	-	156	29	39	3.8	9.042	GSS04-2M □□□080C32	E84DVB□7514S□1N2G	708
14	61	-	143	32	45	3.5	9.897	GSS04-2M □□□080C32	E84DVB□7514S□1N2G	708
13	55	-	130	35	49	3.2	10.827	GSS04-2M □□□080C32	E84DVB□7514S□1N2G	708
11	48	-	114	39	54	3.1	12.400	GSS04-2M □□□080C32	E84DVB□7514S□1N2G	708
10	43	-	102	44	63	2.5	13.810	GSS04-2M □□□080C32	E84DVB□7514S□1N2G	708
8.9	38	-	89	49	69	2.6	15.869	GSS04-2M □□□080C32	E84DVB□7514S□1N2G	708
8.1	35	-	81	54	76	2.3	17.360	GSS04-2M □□□080C32	E84DVB□7514S□1N2G	708
6.9	29	-	69	58	82	1.9	20.417	GSS04-2M □□□080C32	E84DVB□7514S□1N2G	708
6.4	27	-	64	67	97	1.8	22.143	GSS04-2M □□□080C32	E84DVB□7514S□1N2G	708
5.7	24	-	57	70	101	1.7	24.800	GSS04-2M □□□080C32	E84DVB□7514S□1N2G	708
5.2	22	-	52	81	118	1.5	27.125	GSS04-2M □□□080C32	E84DVB□7514S□1N2G	708
5.2	22	-	52	82	120	2.9	27.125	GSS05-2M □□□080C32	E84DVB□7514S□1N2G	708
4.4	19	-	44	88	129	1.4	31.738	GSS04-2M □□□080C32	E84DVB□7514S□1N2G	708
4.4	19	-	44	89	131	2.3	31.738	GSS05-2M □□□080C32	E84DVB□7514S□1N2G	708
4.1	18	-	41	100	148	1.2	34.100	GSS04-2M □□□080C32	E84DVB□7514S□1N2G	708
4.0	17	-	40	105	157	2.3	35.306	GSS05-2M □□□080C32	E84DVB□7514S□1N2G	708
3.6	15	-	36	104	155	1.2	39.200	GSS04-2M □□□080C32	E84DVB□7514S□1N2G	708
3.6	15	-	36	107	159	2.0	39.200	GSS05-2M □□□080C32	E84DVB□7514S□1N2G	708
3.2	14	-	32	127	190	1.0	43.917	GSS04-2M □□□080C32	E84DVB□7514S□1N2G	708
3.2	14	-	32	128	196	1.8	43.917	GSS05-2M □□□080C32	E84DVB□7514S□1N2G	708
3.2	14	-	32	129	191	2.9	43.917	GSS06-2M □□□080C32	E84DVB□7514S□1N2G	708
2.8	12	-	28	128	196	0.9	50.000	GSS04-2M □□□080C32	E84DVB□7514S□1N2G	708
2.8	12	-	28	132	204	1.7	50.000	GSS05-2M □□□080C32	E84DVB□7514S□1N2G	708
2.6	11	-	26	140	217	0.8	54.250	GSS04-2M □□□080C32	E84DVB□7514S□1N2G	708
2.6	11	-	26	144	226	1.6	54.250	GSS05-2M □□□080C32	E84DVB□7514S□1N2G	708
2.3	9.8	-	23	158	251	1.4	61.250	GSS05-2M □□□080C32	E84DVB□7514S□1N2G	708
2.0	8.5	-	20	182	294	1.2	70.611	GSS05-2M □□□080C32	E84DVB□7514S□1N2G	708
2.0	8.5	-	20	184	285	2.5	70.611	GSS06-2M □□□080C32	E84DVB□7514S□1N2G	708
1.8	7.5	-	18	199	328	1.1	79.722	GSS05-2M □□□080C32	E84DVB□7514S□1N2G	708
1.8	7.5	-	18	207	318	2.2	79.722	GSS06-2M □□□080C32	E84DVB□7514S□1N2G	708
1.6	6.8	-	16	220	365	1.0	87.833	GSS05-2M □□□080C32	E84DVB□7514S□1N2G	708
1.6	6.8	-	16	224	352	2.0	87.833	GSS06-2M □□□080C32	E84DVB□7514S□1N2G	708
1.4	6.1	-	14	241	405	0.9	99.167	GSS05-2M □□□080C32	E84DVB□7514S□1N2G	708
1.4	6.1	-	14	251	393	1.8	99.167	GSS06-2M □□□080C32	E84DVB□7514S□1N2G	708
1.2	5.3	-	12	287	452	1.6	113.667	GSS06-2M □□□080C32	E84DVB□7514S□1N2G	708
1.2	5.3	-	12	298	462	2.7	113.667	GSS07-2M □□□080C32	E84DVB□7514S□1N2G	708
1.1	4.7	-	11	323	503	1.4	128.333	GSS06-2M □□□080C32	E84DVB□7514S□1N2G	708
1.1	4.7	-	11	314	478	1.5	126.531	GSS06-3M □□□080C32	E84DVB□7514S□1N2G	716
1.1	4.7	-	11	337	516	2.4	128.333	GSS07-2M □□□080C32	E84DVB□7514S□1N2G	708

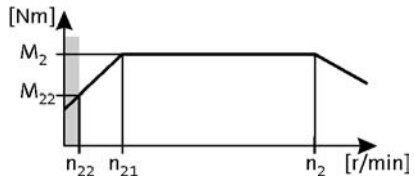
50 Hz: P_N = 0.75 kW

n_{22} / n_2 = 1 ... 10.0

n_1 = 141.0 ... 1410 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
1.1	4.7	-	11	327	490	2.5	126.531	GSS07-3M □□□080C32	E84DVB□7514S□1N2G	716
1.0	4.4	-	10	347	544	1.3	137.950	GSS06-2M □□□080C32	E84DVB□7514S□1N2G	708
1.0	4.4	-	10	359	560	2.2	137.950	GSS07-2M □□□080C32	E84DVB□7514S□1N2G	708
1.0	4.2	-	9.9	354	530	1.4	142.857	GSS06-3M □□□080C32	E84DVB□7514S□1N2G	716
1.0	4.2	-	9.9	367	546	2.3	142.857	GSS07-3M □□□080C32	E84DVB□7514S□1N2G	716
0.9	3.9	-	9.1	392	605	1.2	155.750	GSS06-2M □□□080C32	E84DVB□7514S□1N2G	708
0.9	3.9	-	9.1	384	579	1.2	155.000	GSS06-3M □□□080C32	E84DVB□7514S□1N2G	716
0.9	3.9	-	9.1	407	623	2.0	155.750	GSS07-2M □□□080C32	E84DVB□7514S□1N2G	708
0.9	3.9	-	9.1	398	599	2.1	155.000	GSS07-3M □□□080C32	E84DVB□7514S□1N2G	716
0.8	3.4	-	8.1	436	679	1.1	174.375	GSS06-2M □□□080C32	E84DVB□7514S□1N2G	708
0.8	3.4	-	8.1	433	645	1.1	175.000	GSS06-3M □□□080C32	E84DVB□7514S□1N2G	716
0.8	3.4	-	8.1	451	701	1.8	174.375	GSS07-2M □□□080C32	E84DVB□7514S□1N2G	708
0.8	3.4	-	8.1	448	664	1.9	175.000	GSS07-3M □□□080C32	E84DVB□7514S□1N2G	716
0.7	3.1	-	7.2	495	755	1.0	196.875	GSS06-2M □□□080C32	E84DVB□7514S□1N2G	708
0.7	3.1	-	7.2	482	722	1.0	194.857	GSS06-3M □□□080C32	E84DVB□7514S□1N2G	716
0.7	3.1	-	7.2	512	782	1.6	196.875	GSS07-2M □□□080C32	E84DVB□7514S□1N2G	708
0.7	3.0	-	7.0	516	768	1.6	201.746	GSS07-3M □□□080C32	E84DVB□7514S□1N2G	716
0.6	2.7	-	6.4	544	803	0.9	220.000	GSS06-3M □□□080C32	E84DVB□7514S□1N2G	716
0.6	2.6	-	6.2	581	855	1.5	227.778	GSS07-3M □□□080C32	E84DVB□7514S□1N2G	716
0.6	2.5	-	5.9	591	876	0.8	238.700	GSS06-3M □□□080C32	E84DVB□7514S□1N2G	716
0.6	2.4	-	5.7	630	935	1.3	247.139	GSS07-3M □□□080C32	E84DVB□7514S□1N2G	716
0.5	2.2	-	5.1	712	1039	1.2	279.028	GSS07-3M □□□080C32	E84DVB□7514S□1N2G	716
0.4	1.9	-	4.4	824	1203	1.0	321.673	GSS07-3M □□□080C32	E84DVB□7514S□1N2G	716
0.4	1.7	-	3.9	932	1335	0.9	363.179	GSS07-3M □□□080C32	E84DVB□7514S□1N2G	716
0.4	1.5	-	3.6	1013	1455	0.9	394.245	GSS07-3M □□□080C32	E84DVB□7514S□1N2G	716



50 Hz: P_N = 1.10 kW

n_{22} / n_2 = 1 ... 10.0

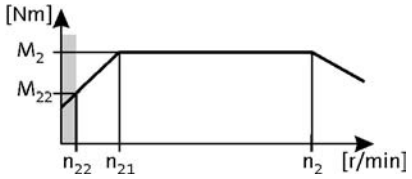
n_1 = 143.0 ... 1430 r/min

n_{22}	n_{21}		n_2	M_{22}	M_2	c	i			
[r/min]	[r/min]		[r/min]	[Nm]	[Nm]					
25	106	-	254	24	36	4.0	5.639	GSS04-2M □□□090C12	E84DVB□1124S□1N2G	708
19	78	-	185	34	51	3.1	7.733	GSS04-2M □□□090C12	E84DVB□1124S□1N2G	708
16	66	-	158	38	58	2.6	9.042	GSS04-2M □□□090C12	E84DVB□1124S□1N2G	708
14	61	-	145	43	65	2.4	9.897	GSS04-2M □□□090C12	E84DVB□1124S□1N2G	708
13	55	-	132	47	72	2.2	10.827	GSS04-2M □□□090C12	E84DVB□1124S□1N2G	708
12	48	-	115	52	79	2.1	12.400	GSS04-2M □□□090C12	E84DVB□1124S□1N2G	708
10	43	-	104	59	92	1.8	13.810	GSS04-2M □□□090C12	E84DVB□1124S□1N2G	708
10	43	-	104	59	91	3.0	13.810	GSS05-2M □□□090C12	E84DVB□1124S□1N2G	708
9.0	38	-	90	65	101	1.8	15.869	GSS04-2M □□□090C12	E84DVB□1124S□1N2G	708
9.0	38	-	90	65	101	2.9	15.869	GSS05-2M □□□090C12	E84DVB□1124S□1N2G	708
8.2	35	-	82	71	111	1.6	17.360	GSS04-2M □□□090C12	E84DVB□1124S□1N2G	708
8.2	35	-	82	71	111	2.8	17.360	GSS05-2M □□□090C12	E84DVB□1124S□1N2G	708
7.0	29	-	70	77	119	1.3	20.417	GSS04-2M □□□090C12	E84DVB□1124S□1N2G	708
7.0	29	-	70	78	119	2.1	20.417	GSS05-2M □□□090C12	E84DVB□1124S□1N2G	708
6.5	27	-	65	89	141	1.3	22.143	GSS04-2M □□□090C12	E84DVB□1124S□1N2G	708
6.5	27	-	65	90	142	2.3	22.143	GSS05-2M □□□090C12	E84DVB□1124S□1N2G	708
5.8	24	-	58	93	147	1.2	24.800	GSS04-2M □□□090C12	E84DVB□1124S□1N2G	708
5.8	24	-	58	95	149	1.9	24.800	GSS05-2M □□□090C12	E84DVB□1124S□1N2G	708
5.3	22	-	53	108	172	1.1	27.125	GSS04-2M □□□090C12	E84DVB□1124S□1N2G	708
5.3	22	-	53	109	175	2.0	27.125	GSS05-2M □□□090C12	E84DVB□1124S□1N2G	708
4.5	19	-	45	116	187	1.0	31.738	GSS04-2M □□□090C12	E84DVB□1124S□1N2G	708
4.5	19	-	45	119	191	1.6	31.738	GSS05-2M □□□090C12	E84DVB□1124S□1N2G	708
4.5	19	-	45	118	188	3.2	31.738	GSS06-2M □□□090C12	E84DVB□1124S□1N2G	708
4.1	17	-	41	139	229	1.6	35.306	GSS05-2M □□□090C12	E84DVB□1124S□1N2G	708
4.1	17	-	41	139	223	3.2	35.306	GSS06-2M □□□090C12	E84DVB□1124S□1N2G	708
3.7	15	-	37	138	225	0.8	39.200	GSS04-2M □□□090C12	E84DVB□1124S□1N2G	708
3.7	15	-	37	142	232	1.4	39.200	GSS05-2M □□□090C12	E84DVB□1124S□1N2G	708
3.7	15	-	37	145	231	2.7	39.200	GSS06-2M □□□090C12	E84DVB□1124S□1N2G	708
3.3	14	-	33	170	285	1.3	43.917	GSS05-2M □□□090C12	E84DVB□1124S□1N2G	708
3.3	14	-	33	170	277	2.6	43.917	GSS06-2M □□□090C12	E84DVB□1124S□1N2G	708
2.9	12	-	29	175	297	1.2	50.000	GSS05-2M □□□090C12	E84DVB□1124S□1N2G	708
2.9	12	-	29	181	294	2.3	50.000	GSS06-2M □□□090C12	E84DVB□1124S□1N2G	708
2.6	11	-	26	191	328	1.1	54.250	GSS05-2M □□□090C12	E84DVB□1124S□1N2G	708
2.6	11	-	26	194	321	2.2	54.250	GSS06-2M □□□090C12	E84DVB□1124S□1N2G	708
2.3	9.8	-	23	210	365	1.0	61.250	GSS05-2M □□□090C12	E84DVB□1124S□1N2G	708
2.3	9.8	-	23	217	359	2.0	61.250	GSS06-2M □□□090C12	E84DVB□1124S□1N2G	708
2.0	8.5	-	20	241	427	0.8	70.611	GSS05-2M □□□090C12	E84DVB□1124S□1N2G	708
2.0	8.5	-	20	246	416	1.7	70.611	GSS06-2M □□□090C12	E84DVB□1124S□1N2G	708
2.0	8.5	-	20	256	421	2.9	70.611	GSS07-2M □□□090C12	E84DVB□1124S□1N2G	708
1.8	7.5	-	18	275	464	1.5	79.722	GSS06-2M □□□090C12	E84DVB□1124S□1N2G	708
1.8	7.5	-	18	288	473	2.6	79.722	GSS07-2M □□□090C12	E84DVB□1124S□1N2G	708

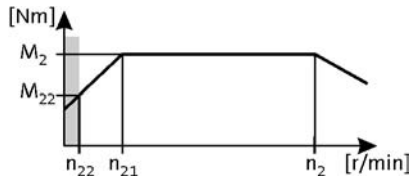
50 Hz: P_N = 1.10 kW

n_{22} / n_2 = 1 ... 10.0

n_1 = 143.0 ... 1430 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
1.7	6.9	-	17	308	515	2.4	86.542	GSS07-2M □□□090C12	E84DVB□1124S□1N2G	708
1.6	6.8	-	16	298	513	1.4	87.833	GSS06-2M □□□090C12	E84DVB□1124S□1N2G	708
1.5	6.1	-	15	346	577	2.1	97.708	GSS07-2M □□□090C12	E84DVB□1124S□1N2G	708
1.4	6.1	-	14	334	572	1.3	99.167	GSS06-2M □□□090C12	E84DVB□1124S□1N2G	708
1.3	5.3	-	13	380	657	1.1	113.667	GSS06-2M □□□090C12	E84DVB□1124S□1N2G	708
1.3	5.3	-	13	398	674	1.8	113.667	GSS07-2M □□□090C12	E84DVB□1124S□1N2G	708
1.1	4.7	-	11	428	731	1.0	128.333	GSS06-2M □□□090C12	E84DVB□1124S□1N2G	708
1.1	4.7	-	11	416	695	1.0	126.531	GSS06-3M □□□090C12	E84DVB□1124S□1N2G	716
1.1	4.7	-	11	435	715	1.7	126.531	GSS07-3M □□□090C12	E84DVB□1124S□1N2G	716
1.1	4.7	-	11	448	752	1.7	128.333	GSS07-2M □□□090C12	E84DVB□1124S□1N2G	708
1.0	4.4	-	10	459	791	0.9	137.950	GSS06-2M □□□090C12	E84DVB□1124S□1N2G	708
1.0	4.2	-	10	469	771	0.9	142.857	GSS06-3M □□□090C12	E84DVB□1124S□1N2G	716
1.0	4.4	-	10	478	816	1.5	137.950	GSS07-2M □□□090C12	E84DVB□1124S□1N2G	708
1.0	4.2	-	10	489	796	1.6	142.857	GSS07-3M □□□090C12	E84DVB□1124S□1N2G	716
0.9	3.9	-	9.2	519	880	0.8	155.750	GSS06-2M □□□090C12	E84DVB□1124S□1N2G	708
0.9	3.9	-	9.2	508	842	0.9	155.000	GSS06-3M □□□090C12	E84DVB□1124S□1N2G	716
0.9	3.9	-	9.2	529	874	1.4	155.000	GSS07-3M □□□090C12	E84DVB□1124S□1N2G	716
0.9	3.9	-	9.2	540	907	1.4	155.750	GSS07-2M □□□090C12	E84DVB□1124S□1N2G	708
0.8	3.4	-	8.2	598	1021	1.2	174.375	GSS07-2M □□□090C12	E84DVB□1124S□1N2G	708
0.8	3.4	-	8.2	595	968	1.3	175.000	GSS07-3M □□□090C12	E84DVB□1124S□1N2G	716
0.7	3.1	-	7.3	678	1137	1.1	196.875	GSS07-2M □□□090C12	E84DVB□1124S□1N2G	708
0.7	3.0	-	7.1	684	1117	1.1	201.746	GSS07-3M □□□090C12	E84DVB□1124S□1N2G	716
0.6	2.6	-	6.3	769	1244	1.0	227.778	GSS07-3M □□□090C12	E84DVB□1124S□1N2G	716
0.6	2.4	-	5.8	834	1359	0.9	247.139	GSS07-3M □□□090C12	E84DVB□1124S□1N2G	716
0.5	2.2	-	5.1	942	1510	0.8	279.028	GSS07-3M □□□090C12	E84DVB□1124S□1N2G	716



50 Hz: P_N = 1.50 kW

n_{22} / n_2 = 1 ... 10.0

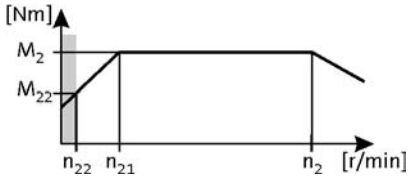
n_1 = 143.5 ... 1435 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
25	106	-	255	34	50	2.9	5.639	GSS04-2M □□□090C32	E84DVB□1524S□1N2G	708
19	78	-	186	46	69	2.3	7.733	GSS04-2M □□□090C32	E84DVB□1524S□1N2G	708
16	66	-	159	52	79	1.9	9.042	GSS04-2M □□□090C32	E84DVB□1524S□1N2G	708
16	66	-	159	52	78	3.1	9.042	GSS05-2M □□□090C32	E84DVB□1524S□1N2G	708
15	61	-	145	59	89	1.8	9.897	GSS04-2M □□□090C32	E84DVB□1524S□1N2G	708
15	61	-	145	58	89	3.0	9.897	GSS05-2M □□□090C32	E84DVB□1524S□1N2G	708
13	55	-	133	64	98	1.6	10.827	GSS04-2M □□□090C32	E84DVB□1524S□1N2G	708
13	55	-	133	64	97	2.8	10.827	GSS05-2M □□□090C32	E84DVB□1524S□1N2G	708
12	48	-	116	71	108	1.6	12.400	GSS04-2M □□□090C32	E84DVB□1524S□1N2G	708
12	48	-	116	71	108	2.5	12.400	GSS05-2M □□□090C32	E84DVB□1524S□1N2G	708
10	43	-	104	80	126	1.3	13.810	GSS04-2M □□□090C32	E84DVB□1524S□1N2G	708
10	43	-	104	81	125	2.2	13.810	GSS05-2M □□□090C32	E84DVB□1524S□1N2G	708
9.0	38	-	90	90	138	1.3	15.869	GSS04-2M □□□090C32	E84DVB□1524S□1N2G	708
9.0	38	-	90	90	139	2.1	15.869	GSS05-2M □□□090C32	E84DVB□1524S□1N2G	708
8.3	35	-	83	98	151	1.2	17.360	GSS04-2M □□□090C32	E84DVB□1524S□1N2G	708
8.3	35	-	83	98	152	2.0	17.360	GSS05-2M □□□090C32	E84DVB□1524S□1N2G	708
7.0	29	-	70	106	163	0.9	20.417	GSS04-2M □□□090C32	E84DVB□1524S□1N2G	708
7.0	29	-	70	107	163	1.5	20.417	GSS05-2M □□□090C32	E84DVB□1524S□1N2G	708
6.5	27	-	65	122	192	0.9	22.143	GSS04-2M □□□090C32	E84DVB□1524S□1N2G	708
6.5	27	-	65	123	195	1.7	22.143	GSS05-2M □□□090C32	E84DVB□1524S□1N2G	708
5.8	24	-	58	128	201	0.9	24.800	GSS04-2M □□□090C32	E84DVB□1524S□1N2G	708
5.8	24	-	58	130	203	1.4	24.800	GSS05-2M □□□090C32	E84DVB□1524S□1N2G	708
5.3	22	-	53	149	239	1.5	27.125	GSS05-2M □□□090C32	E84DVB□1524S□1N2G	708
5.3	22	-	53	149	234	3.0	27.125	GSS06-2M □□□090C32	E84DVB□1524S□1N2G	708
4.5	19	-	45	163	261	1.2	31.738	GSS05-2M □□□090C32	E84DVB□1524S□1N2G	708
4.5	19	-	45	163	258	2.3	31.738	GSS06-2M □□□090C32	E84DVB□1524S□1N2G	708
4.1	17	-	41	190	312	1.2	35.306	GSS05-2M □□□090C32	E84DVB□1524S□1N2G	708
4.1	17	-	41	191	306	2.3	35.306	GSS06-2M □□□090C32	E84DVB□1524S□1N2G	708
3.7	15	-	37	195	317	1.0	39.200	GSS05-2M □□□090C32	E84DVB□1524S□1N2G	708
3.7	15	-	37	200	316	2.0	39.200	GSS06-2M □□□090C32	E84DVB□1524S□1N2G	708
3.3	14	-	33	232	389	0.9	43.917	GSS05-2M □□□090C32	E84DVB□1524S□1N2G	708
3.3	14	-	33	235	379	1.9	43.917	GSS06-2M □□□090C32	E84DVB□1524S□1N2G	708
3.3	14	-	33	238	375	2.9	43.271	GSS07-2M □□□090C32	E84DVB□1524S□1N2G	708
2.9	12	-	29	240	405	0.9	50.000	GSS05-2M □□□090C32	E84DVB□1524S□1N2G	708
2.9	12	-	29	249	403	1.7	50.000	GSS06-2M □□□090C32	E84DVB□1524S□1N2G	708
2.9	12	-	29	257	407	3.0	50.000	GSS07-2M □□□090C32	E84DVB□1524S□1N2G	708
2.7	11	-	27	262	447	0.8	54.250	GSS05-2M □□□090C32	E84DVB□1524S□1N2G	708
2.7	11	-	27	267	440	1.6	54.250	GSS06-2M □□□090C32	E84DVB□1524S□1N2G	708
2.3	9.8	-	23	299	491	1.5	61.250	GSS06-2M □□□090C32	E84DVB□1524S□1N2G	708
2.0	8.5	-	20	337	568	1.3	70.611	GSS06-2M □□□090C32	E84DVB□1524S□1N2G	708
2.0	8.5	-	20	354	578	2.1	70.611	GSS07-2M □□□090C32	E84DVB□1524S□1N2G	708

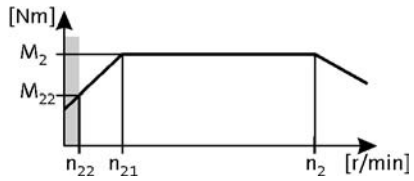
50 Hz: P_N = 1.50 kW

n_{22} / n_2 = 1 ... 10.0

n_1 = 143.5 ... 1435 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
1.8	7.5	-	18	377	634	1.1	79.722	GSS06-2M □□□090C32	E84DVB□1524S□1N2G	708
1.8	7.5	-	18	397	648	1.9	79.722	GSS07-2M □□□090C32	E84DVB□1524S□1N2G	708
1.7	6.9	-	17	425	706	1.8	86.542	GSS07-2M □□□090C32	E84DVB□1524S□1N2G	708
1.6	6.8	-	16	408	700	1.0	87.833	GSS06-2M □□□090C32	E84DVB□1524S□1N2G	708
1.5	6.1	-	15	457	780	0.9	99.167	GSS06-2M □□□090C32	E84DVB□1524S□1N2G	708
1.5	6.1	-	15	476	790	1.6	97.708	GSS07-2M □□□090C32	E84DVB□1524S□1N2G	708
1.3	5.3	-	13	520	896	0.8	113.667	GSS06-2M □□□090C32	E84DVB□1524S□1N2G	708
1.3	5.3	-	13	546	922	1.4	113.667	GSS07-2M □□□090C32	E84DVB□1524S□1N2G	708
1.1	4.7	-	11	615	1028	1.2	128.333	GSS07-2M □□□090C32	E84DVB□1524S□1N2G	708
1.1	4.7	-	11	597	978	1.3	126.531	GSS07-3M □□□090C32	E84DVB□1524S□1N2G	716
1.0	4.4	-	10	655	1114	1.1	137.950	GSS07-2M □□□090C32	E84DVB□1524S□1N2G	708
1.0	4.2	-	10	670	1088	1.2	142.857	GSS07-3M □□□090C32	E84DVB□1524S□1N2G	716
0.9	3.9	-	9.3	725	1193	1.1	155.000	GSS07-3M □□□090C32	E84DVB□1524S□1N2G	716
0.9	3.9	-	9.2	740	1238	1.0	155.750	GSS07-2M □□□090C32	E84DVB□1524S□1N2G	708
0.8	3.4	-	8.2	819	1393	0.9	174.375	GSS07-2M □□□090C32	E84DVB□1524S□1N2G	708
0.8	3.4	-	8.2	815	1321	1.0	175.000	GSS07-3M □□□090C32	E84DVB□1524S□1N2G	716
0.7	3.1	-	7.3	928	1551	0.8	196.875	GSS07-2M □□□090C32	E84DVB□1524S□1N2G	708
0.7	3.0	-	7.1	935	1524	0.8	201.746	GSS07-3M □□□090C32	E84DVB□1524S□1N2G	716



50 Hz: P_N = 2.20 kW

n_{22} / n_2 = 1 ... 10.0

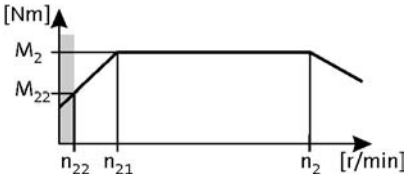
n_1 = 144.5 ... 1445 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
26	106	-	256	49	73	3.0	5.639	GSS05-2M □□□100C12	E84DVB□2224S□1N2G	708
19	78	-	187	68	101	2.6	7.733	GSS05-2M □□□100C12	E84DVB□2224S□1N2G	708
16	66	-	160	77	115	2.2	9.042	GSS05-2M □□□100C12	E84DVB□2224S□1N2G	708
15	61	-	146	86	130	2.1	9.897	GSS05-2M □□□100C12	E84DVB□2224S□1N2G	708
13	55	-	134	94	143	1.9	10.827	GSS05-2M □□□100C12	E84DVB□2224S□1N2G	708
12	48	-	117	104	159	1.7	12.400	GSS05-2M □□□100C12	E84DVB□2224S□1N2G	708
12	48	-	117	102	158	3.2	12.400	GSS06-2M □□□100C12	E84DVB□2224S□1N2G	708
11	43	-	105	119	183	1.5	13.810	GSS05-2M □□□100C12	E84DVB□2224S□1N2G	708
10	42	-	101	122	188	2.8	14.286	GSS06-2M □□□100C12	E84DVB□2224S□1N2G	708
9.1	38	-	91	132	204	1.5	15.869	GSS05-2M □□□100C12	E84DVB□2224S□1N2G	708
9.1	38	-	91	131	202	2.9	15.869	GSS06-2M □□□100C12	E84DVB□2224S□1N2G	708
8.3	35	-	83	144	223	1.4	17.360	GSS05-2M □□□100C12	E84DVB□2224S□1N2G	708
8.3	35	-	83	143	221	2.8	17.360	GSS06-2M □□□100C12	E84DVB□2224S□1N2G	708
7.1	29	-	71	158	239	1.1	20.417	GSS05-2M □□□100C12	E84DVB□2224S□1N2G	708
7.1	29	-	71	160	243	2.0	20.417	GSS06-2M □□□100C12	E84DVB□2224S□1N2G	708
6.5	27	-	65	181	285	1.2	22.143	GSS05-2M □□□100C12	E84DVB□2224S□1N2G	708
6.5	27	-	65	181	281	2.4	22.143	GSS06-2M □□□100C12	E84DVB□2224S□1N2G	708
5.8	24	-	58	191	297	0.9	24.800	GSS05-2M □□□100C12	E84DVB□2224S□1N2G	708
5.8	24	-	58	192	297	1.9	24.800	GSS06-2M □□□100C12	E84DVB□2224S□1N2G	708
5.3	22	-	53	218	350	1.0	27.125	GSS05-2M □□□100C12	E84DVB□2224S□1N2G	708
5.3	22	-	53	220	345	2.1	27.125	GSS06-2M □□□100C12	E84DVB□2224S□1N2G	708
4.7	19	-	47	242	375	2.8	31.000	GSS07-2M □□□100C12	E84DVB□2224S□1N2G	708
4.6	19	-	46	239	381	0.8	31.738	GSS05-2M □□□100C12	E84DVB□2224S□1N2G	708
4.6	19	-	46	241	379	1.6	31.738	GSS06-2M □□□100C12	E84DVB□2224S□1N2G	708
4.1	17	-	41	282	449	1.6	35.306	GSS06-2M □□□100C12	E84DVB□2224S□1N2G	708
4.1	17	-	41	288	449	2.7	35.306	GSS07-2M □□□100C12	E84DVB□2224S□1N2G	708
3.7	15	-	37	295	464	1.4	39.200	GSS06-2M □□□100C12	E84DVB□2224S□1N2G	708
3.7	15	-	37	304	470	2.5	39.200	GSS07-2M □□□100C12	E84DVB□2224S□1N2G	708
3.3	14	-	33	345	556	1.3	43.917	GSS06-2M □□□100C12	E84DVB□2224S□1N2G	708
3.3	14	-	33	350	550	2.2	43.271	GSS07-2M □□□100C12	E84DVB□2224S□1N2G	708
2.9	12	-	29	366	590	1.2	50.000	GSS06-2M □□□100C12	E84DVB□2224S□1N2G	708
2.9	12	-	29	381	599	2.1	50.000	GSS07-2M □□□100C12	E84DVB□2224S□1N2G	708
2.7	11	-	27	392	644	1.1	54.250	GSS06-2M □□□100C12	E84DVB□2224S□1N2G	708
2.7	11	-	27	410	655	1.9	54.250	GSS07-2M □□□100C12	E84DVB□2224S□1N2G	708
2.4	9.8	-	24	439	719	1.0	61.250	GSS06-2M □□□100C12	E84DVB□2224S□1N2G	708
2.4	9.8	-	24	460	734	1.7	61.250	GSS07-2M □□□100C12	E84DVB□2224S□1N2G	708
2.1	8.5	-	21	494	831	0.9	70.611	GSS06-2M □□□100C12	E84DVB□2224S□1N2G	708
2.1	8.5	-	21	521	848	1.5	70.611	GSS07-2M □□□100C12	E84DVB□2224S□1N2G	708
1.8	7.5	-	18	583	950	1.3	79.722	GSS07-2M □□□100C12	E84DVB□2224S□1N2G	708
1.7	6.9	-	17	625	1035	1.2	86.542	GSS07-2M □□□100C12	E84DVB□2224S□1N2G	708
1.5	6.1	-	15	699	1157	1.1	97.708	GSS07-2M □□□100C12	E84DVB□2224S□1N2G	708

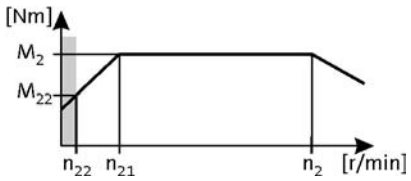
50 Hz: P_N = 2.20 kW

n_{22} / n_2 = 1 ... 10.0

n_1 = 144.5 ... 1445 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
1.3	5.3	-	13	801	1350	0.9	113.667	GSS07-2M □□□100C12	E84DVB□2224S□1N2G	708
1.1	4.7	-	11	901	1504	0.8	128.333	GSS07-2M □□□100C12	E84DVB□2224S□1N2G	708
1.1	4.7	-	11	875	1431	0.9	126.531	GSS07-3M □□□100C12	E84DVB□2224S□1N2G	716



50 Hz: P_N = 3.00 kW

n_{22} / n_2 = 1 ... 10.0

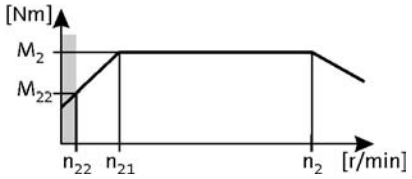
n_1 = 144.5 ... 1445 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
26	106	-	256	68	101	2.2	5.639	GSS05-2M □□□100C32	E84DVB□3024S□1N2G	708
19	78	-	187	93	139	1.9	7.733	GSS05-2M □□□100C32	E84DVB□3024S□1N2G	708
16	66	-	160	106	158	1.6	9.042	GSS05-2M □□□100C32	E84DVB□3024S□1N2G	708
16	66	-	160	104	158	2.6	9.042	GSS06-2M □□□100C32	E84DVB□3024S□1N2G	708
15	61	-	146	119	179	1.5	9.897	GSS05-2M □□□100C32	E84DVB□3024S□1N2G	708
14	59	-	141	122	183	2.8	10.238	GSS06-2M □□□100C32	E84DVB□3024S□1N2G	708
13	55	-	134	129	196	1.4	10.827	GSS05-2M □□□100C32	E84DVB□3024S□1N2G	708
13	54	-	129	134	201	2.6	11.200	GSS06-2M □□□100C32	E84DVB□3024S□1N2G	708
12	48	-	117	144	217	1.3	12.400	GSS05-2M □□□100C32	E84DVB□3024S□1N2G	708
12	48	-	117	143	217	2.4	12.400	GSS06-2M □□□100C32	E84DVB□3024S□1N2G	708
11	43	-	105	163	251	1.1	13.810	GSS05-2M □□□100C32	E84DVB□3024S□1N2G	708
10	42	-	101	169	259	2.0	14.286	GSS06-2M □□□100C32	E84DVB□3024S□1N2G	708
9.1	38	-	91	182	279	1.1	15.869	GSS05-2M □□□100C32	E84DVB□3024S□1N2G	708
9.1	38	-	91	182	278	2.2	15.869	GSS06-2M □□□100C32	E84DVB□3024S□1N2G	708
8.3	35	-	83	198	306	1.0	17.360	GSS05-2M □□□100C32	E84DVB□3024S□1N2G	708
8.3	35	-	83	199	304	2.0	17.360	GSS06-2M □□□100C32	E84DVB□3024S□1N2G	708
7.1	29	-	71	221	334	1.5	20.417	GSS06-2M □□□100C32	E84DVB□3024S□1N2G	708
6.5	27	-	65	248	390	0.9	22.143	GSS05-2M □□□100C32	E84DVB□3024S□1N2G	708
6.5	27	-	65	250	387	1.7	22.143	GSS06-2M □□□100C32	E84DVB□3024S□1N2G	708
6.5	27	-	65	253	385	3.1	22.143	GSS07-2M □□□100C32	E84DVB□3024S□1N2G	708
5.8	24	-	58	265	408	1.4	24.800	GSS06-2M □□□100C32	E84DVB□3024S□1N2G	708
5.3	22	-	53	303	473	1.5	27.125	GSS06-2M □□□100C32	E84DVB□3024S□1N2G	708
5.3	22	-	53	309	473	2.6	27.125	GSS07-2M □□□100C32	E84DVB□3024S□1N2G	708
4.7	19	-	47	335	515	2.0	31.000	GSS07-2M □□□100C32	E84DVB□3024S□1N2G	708
4.6	19	-	46	333	520	1.2	31.738	GSS06-2M □□□100C32	E84DVB□3024S□1N2G	708
4.1	17	-	41	388	615	1.2	35.306	GSS06-2M □□□100C32	E84DVB□3024S□1N2G	708
4.1	17	-	41	398	617	2.0	35.306	GSS07-2M □□□100C32	E84DVB□3024S□1N2G	708
3.7	15	-	37	406	636	1.0	39.200	GSS06-2M □□□100C32	E84DVB□3024S□1N2G	708
3.7	15	-	37	421	646	1.8	39.200	GSS07-2M □□□100C32	E84DVB□3024S□1N2G	708
3.3	14	-	33	474	762	1.0	43.917	GSS06-2M □□□100C32	E84DVB□3024S□1N2G	708
3.3	14	-	33	483	756	1.6	43.271	GSS07-2M □□□100C32	E84DVB□3024S□1N2G	708
2.9	12	-	29	503	808	0.9	50.000	GSS06-2M □□□100C32	E84DVB□3024S□1N2G	708
2.9	12	-	29	526	822	1.5	50.000	GSS07-2M □□□100C32	E84DVB□3024S□1N2G	708
2.7	11	-	27	538	882	0.8	54.250	GSS06-2M □□□100C32	E84DVB□3024S□1N2G	708
2.7	11	-	27	565	898	1.4	54.250	GSS07-2M □□□100C32	E84DVB□3024S□1N2G	708
2.4	9.8	-	24	633	1006	1.2	61.250	GSS07-2M □□□100C32	E84DVB□3024S□1N2G	708
2.1	8.5	-	21	717	1162	1.1	70.611	GSS07-2M □□□100C32	E84DVB□3024S□1N2G	708
1.8	7.5	-	18	802	1301	1.0	79.722	GSS07-2M □□□100C32	E84DVB□3024S□1N2G	708
1.7	6.9	-	17	858	1417	0.9	86.542	GSS07-2M □□□100C32	E84DVB□3024S□1N2G	708

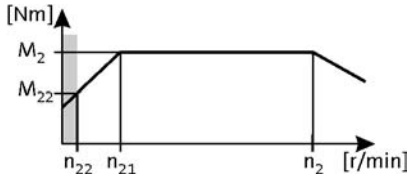
87 Hz: P_N = 1.35 kW

n_{22} / n_2 = 1 ... 17.4

n_1 = 144.8 ... 2520 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
26	106	-	447	19	25	3.4	5.639	GSS04-2M □□□080C32	E84DVB□1524S□1N2G	708
19	78	-	326	25	35	3.5	7.733	GSS04-2M □□□080C32	E84DVB□1524S□1N2G	708
16	66	-	279	29	39	3.1	9.042	GSS04-2M □□□080C32	E84DVB□1524S□1N2G	708
15	61	-	255	32	45	3.3	9.897	GSS04-2M □□□080C32	E84DVB□1524S□1N2G	708
13	55	-	233	35	49	3.1	10.827	GSS04-2M □□□080C32	E84DVB□1524S□1N2G	708
12	48	-	203	39	54	2.5	12.400	GSS04-2M □□□080C32	E84DVB□1524S□1N2G	708
11	43	-	183	44	63	2.5	13.810	GSS04-2M □□□080C32	E84DVB□1524S□1N2G	708
9.1	38	-	159	49	69	2.1	15.869	GSS04-2M □□□080C32	E84DVB□1524S□1N2G	708
8.3	35	-	145	54	76	2.0	17.360	GSS04-2M □□□080C32	E84DVB□1524S□1N2G	708
7.1	29	-	123	58	82	1.5	20.417	GSS04-2M □□□080C32	E84DVB□1524S□1N2G	708
6.5	27	-	114	67	97	1.7	22.143	GSS04-2M □□□080C32	E84DVB□1524S□1N2G	708
5.8	24	-	102	70	101	1.4	24.800	GSS04-2M □□□080C32	E84DVB□1524S□1N2G	708
5.3	22	-	93	81	118	1.5	27.125	GSS04-2M □□□080C32	E84DVB□1524S□1N2G	708
5.3	22	-	93	82	120	2.4	27.125	GSS05-2M □□□080C32	E84DVB□1524S□1N2G	708
4.6	19	-	79	88	129	1.2	31.738	GSS04-2M □□□080C32	E84DVB□1524S□1N2G	708
4.6	19	-	79	89	131	1.9	31.738	GSS05-2M □□□080C32	E84DVB□1524S□1N2G	708
4.3	18	-	74	100	148	1.2	34.100	GSS04-2M □□□080C32	E84DVB□1524S□1N2G	708
4.1	17	-	71	105	157	2.0	35.306	GSS05-2M □□□080C32	E84DVB□1524S□1N2G	708
3.7	15	-	64	104	155	1.0	39.200	GSS04-2M □□□080C32	E84DVB□1524S□1N2G	708
3.7	15	-	64	107	159	1.6	39.200	GSS05-2M □□□080C32	E84DVB□1524S□1N2G	708
3.3	14	-	57	127	190	0.9	43.917	GSS04-2M □□□080C32	E84DVB□1524S□1N2G	708
3.3	14	-	57	128	196	1.8	43.917	GSS05-2M □□□080C32	E84DVB□1524S□1N2G	708
3.3	14	-	57	129	191	2.9	43.917	GSS06-2M □□□080C32	E84DVB□1524S□1N2G	708
2.9	12	-	50	128	196	0.9	50.000	GSS04-2M □□□080C32	E84DVB□1524S□1N2G	708
2.9	12	-	50	132	204	1.4	50.000	GSS05-2M □□□080C32	E84DVB□1524S□1N2G	708
2.7	11	-	47	140	217	0.8	54.250	GSS04-2M □□□080C32	E84DVB□1524S□1N2G	708
2.7	11	-	47	144	226	1.3	54.250	GSS05-2M □□□080C32	E84DVB□1524S□1N2G	708
2.4	9.8	-	41	158	251	1.2	61.250	GSS05-2M □□□080C32	E84DVB□1524S□1N2G	708
2.1	8.5	-	36	182	294	1.1	70.611	GSS05-2M □□□080C32	E84DVB□1524S□1N2G	708
2.1	8.5	-	36	184	285	2.2	70.611	GSS06-2M □□□080C32	E84DVB□1524S□1N2G	708
1.8	7.5	-	32	199	328	1.0	79.722	GSS05-2M □□□080C32	E84DVB□1524S□1N2G	708
1.8	7.5	-	32	207	318	2.0	79.722	GSS06-2M □□□080C32	E84DVB□1524S□1N2G	708
1.7	6.8	-	29	220	365	1.0	87.833	GSS05-2M □□□080C32	E84DVB□1524S□1N2G	708
1.7	6.8	-	29	224	352	1.9	87.833	GSS06-2M □□□080C32	E84DVB□1524S□1N2G	708
1.5	6.1	-	25	241	405	0.9	99.167	GSS05-2M □□□080C32	E84DVB□1524S□1N2G	708
1.5	6.1	-	25	251	393	1.8	99.167	GSS06-2M □□□080C32	E84DVB□1524S□1N2G	708
1.3	5.3	-	22	287	452	1.5	113.667	GSS06-2M □□□080C32	E84DVB□1524S□1N2G	708
1.3	5.3	-	22	298	462	2.6	113.667	GSS07-2M □□□080C32	E84DVB□1524S□1N2G	708
1.1	4.7	-	20	323	503	1.4	128.333	GSS06-2M □□□080C32	E84DVB□1524S□1N2G	708
1.1	4.7	-	20	314	478	1.5	126.531	GSS06-3M □□□080C32	E84DVB□1524S□1N2G	716
1.1	4.7	-	20	337	516	2.3	128.333	GSS07-2M □□□080C32	E84DVB□1524S□1N2G	708



87 Hz: P_N = 1.35 kW

n_{22} / n_2 = 1 ... 17.4

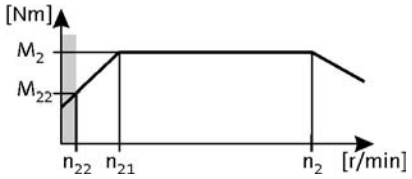
n_1 = 144.8 ... 2520 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
1.1	4.7	-	20	327	490	2.5	126.531	GSS07-3M □□□080C32	E84DVB□1524S□1N2G	716
1.1	4.4	-	18	347	544	1.3	137.950	GSS06-2M □□□080C32	E84DVB□1524S□1N2G	708
1.0	4.2	-	18	354	530	1.3	142.857	GSS06-3M □□□080C32	E84DVB□1524S□1N2G	716
1.0	4.2	-	18	367	546	2.2	142.857	GSS07-3M □□□080C32	E84DVB□1524S□1N2G	716
1.1	4.4	-	18	359	560	2.2	137.950	GSS07-2M □□□080C32	E84DVB□1524S□1N2G	708
0.9	3.9	-	16	392	605	1.2	155.750	GSS06-2M □□□080C32	E84DVB□1524S□1N2G	708
0.9	3.9	-	16	384	579	1.2	155.000	GSS06-3M □□□080C32	E84DVB□1524S□1N2G	716
0.9	3.9	-	16	407	623	1.9	155.750	GSS07-2M □□□080C32	E84DVB□1524S□1N2G	708
0.9	3.9	-	16	398	599	2.0	155.000	GSS07-3M □□□080C32	E84DVB□1524S□1N2G	716
0.8	3.4	-	15	436	679	1.0	174.375	GSS06-2M □□□080C32	E84DVB□1524S□1N2G	708
0.8	3.4	-	15	451	701	1.7	174.375	GSS07-2M □□□080C32	E84DVB□1524S□1N2G	708
0.8	3.4	-	14	433	645	1.1	175.000	GSS06-3M □□□080C32	E84DVB□1524S□1N2G	716
0.8	3.4	-	14	448	664	1.8	175.000	GSS07-3M □□□080C32	E84DVB□1524S□1N2G	716
0.7	3.1	-	13	495	755	0.9	196.875	GSS06-2M □□□080C32	E84DVB□1524S□1N2G	708
0.7	3.1	-	13	482	722	1.0	194.857	GSS06-3M □□□080C32	E84DVB□1524S□1N2G	716
0.7	3.1	-	13	512	782	1.5	196.875	GSS07-2M □□□080C32	E84DVB□1524S□1N2G	708
0.7	3.0	-	13	516	768	1.6	201.746	GSS07-3M □□□080C32	E84DVB□1524S□1N2G	716
0.7	2.7	-	12	544	803	0.9	220.000	GSS06-3M □□□080C32	E84DVB□1524S□1N2G	716
0.6	2.6	-	11	581	855	1.4	227.778	GSS07-3M □□□080C32	E84DVB□1524S□1N2G	716
0.6	2.4	-	10	630	935	1.3	247.139	GSS07-3M □□□080C32	E84DVB□1524S□1N2G	716
0.5	2.2	-	9.0	712	1039	1.2	279.028	GSS07-3M □□□080C32	E84DVB□1524S□1N2G	716
0.5	1.9	-	7.8	824	1203	1.0	321.673	GSS07-3M □□□080C32	E84DVB□1524S□1N2G	716
0.4	1.7	-	6.9	932	1335	0.9	363.179	GSS07-3M □□□080C32	E84DVB□1524S□1N2G	716
0.4	1.5	-	6.4	1013	1455	0.8	394.245	GSS07-3M □□□080C32	E84DVB□1524S□1N2G	716

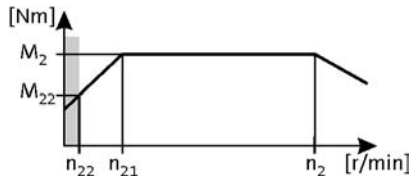
87 Hz: P_N = 2.00 kW

n_{22} / n_2 = 1 ... 17.4

n_1 = 146.0 ... 2540 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
26	106	-	450	24	36	2.4	5.639	GSS04-2M □□□090C12	E84DVB□2224S□1N2G	708
19	78	-	328	34	51	2.4	7.733	GSS04-2M □□□090C12	E84DVB□2224S□1N2G	708
16	66	-	281	38	58	2.2	9.042	GSS04-2M □□□090C12	E84DVB□2224S□1N2G	708
15	61	-	257	43	65	2.3	9.897	GSS04-2M □□□090C12	E84DVB□2224S□1N2G	708
14	55	-	235	47	72	2.1	10.827	GSS04-2M □□□090C12	E84DVB□2224S□1N2G	708
12	48	-	205	52	79	1.8	12.400	GSS04-2M □□□090C12	E84DVB□2224S□1N2G	708
11	43	-	184	59	92	1.8	13.810	GSS04-2M □□□090C12	E84DVB□2224S□1N2G	708
11	43	-	184	59	91	2.9	13.810	GSS05-2M □□□090C12	E84DVB□2224S□1N2G	708
9.2	38	-	160	65	101	1.5	15.869	GSS04-2M □□□090C12	E84DVB□2224S□1N2G	708
9.2	38	-	160	65	101	2.4	15.869	GSS05-2M □□□090C12	E84DVB□2224S□1N2G	708
8.4	35	-	146	71	111	1.4	17.360	GSS04-2M □□□090C12	E84DVB□2224S□1N2G	708
8.4	35	-	146	71	111	2.3	17.360	GSS05-2M □□□090C12	E84DVB□2224S□1N2G	708
7.2	29	-	124	77	119	1.0	20.417	GSS04-2M □□□090C12	E84DVB□2224S□1N2G	708
7.2	29	-	124	78	119	1.7	20.417	GSS05-2M □□□090C12	E84DVB□2224S□1N2G	708
6.6	27	-	115	89	141	1.2	22.143	GSS04-2M □□□090C12	E84DVB□2224S□1N2G	708
6.6	27	-	115	90	142	1.9	22.143	GSS05-2M □□□090C12	E84DVB□2224S□1N2G	708
5.9	24	-	102	93	147	0.9	24.800	GSS04-2M □□□090C12	E84DVB□2224S□1N2G	708
5.9	24	-	102	95	149	1.5	24.800	GSS05-2M □□□090C12	E84DVB□2224S□1N2G	708
5.4	22	-	94	108	172	1.0	27.125	GSS04-2M □□□090C12	E84DVB□2224S□1N2G	708
5.4	22	-	94	109	175	1.7	27.125	GSS05-2M □□□090C12	E84DVB□2224S□1N2G	708
		-	80	116	187	0.8	31.738	GSS04-2M □□□090C12	E84DVB□2224S□1N2G	708
4.6	19	-	80	119	191	1.3	31.738	GSS05-2M □□□090C12	E84DVB□2224S□1N2G	708
4.6	19	-	80	118	188	2.4	31.738	GSS06-2M □□□090C12	E84DVB□2224S□1N2G	708
4.1	17	-	72	139	229	1.4	35.306	GSS05-2M □□□090C12	E84DVB□2224S□1N2G	708
4.1	17	-	72	139	223	2.8	35.306	GSS06-2M □□□090C12	E84DVB□2224S□1N2G	708
3.7	15	-	65	142	232	1.1	39.200	GSS05-2M □□□090C12	E84DVB□2224S□1N2G	708
3.7	15	-	65	145	231	2.2	39.200	GSS06-2M □□□090C12	E84DVB□2224S□1N2G	708
3.3	14	-	58	170	285	1.2	43.917	GSS05-2M □□□090C12	E84DVB□2224S□1N2G	708
3.3	14	-	58	170	277	2.4	43.917	GSS06-2M □□□090C12	E84DVB□2224S□1N2G	708
2.9	12	-	51	175	297	1.0	50.000	GSS05-2M □□□090C12	E84DVB□2224S□1N2G	708
2.9	12	-	51	181	294	1.9	50.000	GSS06-2M □□□090C12	E84DVB□2224S□1N2G	708
2.7	11	-	47	191	328	0.9	54.250	GSS05-2M □□□090C12	E84DVB□2224S□1N2G	708
2.7	11	-	47	194	321	1.8	54.250	GSS06-2M □□□090C12	E84DVB□2224S□1N2G	708
2.4	9.8	-	42	210	365	0.9	61.250	GSS05-2M □□□090C12	E84DVB□2224S□1N2G	708
2.4	9.8	-	42	217	359	1.7	61.250	GSS06-2M □□□090C12	E84DVB□2224S□1N2G	708
2.1	8.5	-	36	246	416	1.5	70.611	GSS06-2M □□□090C12	E84DVB□2224S□1N2G	708
2.1	8.5	-	36	256	421	2.8	70.611	GSS07-2M □□□090C12	E84DVB□2224S□1N2G	708
1.8	7.5	-	32	275	464	1.4	79.722	GSS06-2M □□□090C12	E84DVB□2224S□1N2G	708
1.8	7.5	-	32	288	473	2.5	79.722	GSS07-2M □□□090C12	E84DVB□2224S□1N2G	708
1.7	6.8	-	29	298	513	1.3	87.833	GSS06-2M □□□090C12	E84DVB□2224S□1N2G	708
1.7	6.9	-	29	308	515	2.3	86.542	GSS07-2M □□□090C12	E84DVB□2224S□1N2G	708



87 Hz: P_N = 2.00 kW

n_{22} / n_2 = 1 ... 17.4

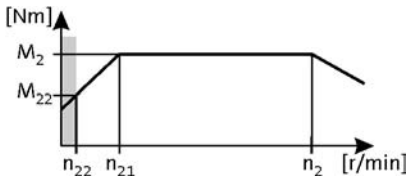
n_1 = 146.0 ... 2540 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
1.5	6.1	-	26	334	572	1.2	99.167	GSS06-2M □□□090C12	E84DVB□2224S□1N2G	708
1.5	6.1	-	26	346	577	2.1	97.708	GSS07-2M □□□090C12	E84DVB□2224S□1N2G	708
1.3	5.3	-	22	380	657	1.1	113.667	GSS06-2M □□□090C12	E84DVB□2224S□1N2G	708
1.3	5.3	-	22	398	674	1.8	113.667	GSS07-2M □□□090C12	E84DVB□2224S□1N2G	708
1.1	4.7	-	20	428	731	1.0	128.333	GSS06-2M □□□090C12	E84DVB□2224S□1N2G	708
1.2	4.7	-	20	416	695	1.0	126.531	GSS06-3M □□□090C12	E84DVB□2224S□1N2G	716
1.1	4.7	-	20	448	752	1.6	128.333	GSS07-2M □□□090C12	E84DVB□2224S□1N2G	708
1.2	4.7	-	20	435	715	1.7	126.531	GSS07-3M □□□090C12	E84DVB□2224S□1N2G	716
1.1	4.4	-	18	459	791	0.9	137.950	GSS06-2M □□□090C12	E84DVB□2224S□1N2G	708
1.0	4.2	-	18	469	771	0.9	142.857	GSS06-3M □□□090C12	E84DVB□2224S□1N2G	716
1.0	4.2	-	18	489	796	1.5	142.857	GSS07-3M □□□090C12	E84DVB□2224S□1N2G	716
1.1	4.4	-	18	478	816	1.5	137.950	GSS07-2M □□□090C12	E84DVB□2224S□1N2G	708
0.9	3.9	-	16	508	842	0.8	155.000	GSS06-3M □□□090C12	E84DVB□2224S□1N2G	716
0.9	3.9	-	16	540	907	1.3	155.750	GSS07-2M □□□090C12	E84DVB□2224S□1N2G	708
0.9	3.9	-	16	529	874	1.4	155.000	GSS07-3M □□□090C12	E84DVB□2224S□1N2G	716
0.8	3.4	-	15	598	1021	1.2	174.375	GSS07-2M □□□090C12	E84DVB□2224S□1N2G	708
0.8	3.4	-	15	595	968	1.3	175.000	GSS07-3M □□□090C12	E84DVB□2224S□1N2G	716
0.7	3.0	-	13	684	1117	1.1	201.746	GSS07-3M □□□090C12	E84DVB□2224S□1N2G	716
0.7	3.1	-	13	678	1137	1.1	196.875	GSS07-2M □□□090C12	E84DVB□2224S□1N2G	708
0.6	2.6	-	11	769	1244	1.0	227.778	GSS07-3M □□□090C12	E84DVB□2224S□1N2G	716
0.6	2.4	-	10	834	1359	0.9	247.139	GSS07-3M □□□090C12	E84DVB□2224S□1N2G	716
		-	9.1	942	1510	0.8	279.028	GSS07-3M □□□090C12	E84DVB□2224S□1N2G	716

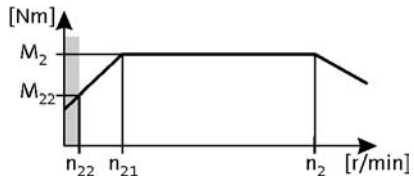
87 Hz: P_N = 2.70 kW

n_{22} / n_2 = 1 ... 17.4

n_1 = 146.3 ... 2545 r/min



n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
26	106	-	451	34	50	1.7	5.639	GSS04-2M □□□090C32	E84DVB□3024S□1N2G	708
19	78	-	329	46	69	1.8	7.733	GSS04-2M □□□090C32	E84DVB□3024S□1N2G	708
16	66	-	282	52	79	1.6	9.042	GSS04-2M □□□090C32	E84DVB□3024S□1N2G	708
16	66	-	282	52	78	2.4	9.042	GSS05-2M □□□090C32	E84DVB□3024S□1N2G	708
15	61	-	257	59	89	1.7	9.897	GSS04-2M □□□090C32	E84DVB□3024S□1N2G	708
15	61	-	257	58	89	2.5	9.897	GSS05-2M □□□090C32	E84DVB□3024S□1N2G	708
14	55	-	235	64	98	1.6	10.827	GSS04-2M □□□090C32	E84DVB□3024S□1N2G	708
14	55	-	235	64	97	2.4	10.827	GSS05-2M □□□090C32	E84DVB□3024S□1N2G	708
12	48	-	205	71	108	1.3	12.400	GSS04-2M □□□090C32	E84DVB□3024S□1N2G	708
12	48	-	205	71	108	2.1	12.400	GSS05-2M □□□090C32	E84DVB□3024S□1N2G	708
11	43	-	184	80	126	1.3	13.810	GSS04-2M □□□090C32	E84DVB□3024S□1N2G	708
11	43	-	184	81	125	2.1	13.810	GSS05-2M □□□090C32	E84DVB□3024S□1N2G	708
9.2	38	-	160	90	138	1.1	15.869	GSS04-2M □□□090C32	E84DVB□3024S□1N2G	708
9.2	38	-	160	90	139	1.8	15.869	GSS05-2M □□□090C32	E84DVB□3024S□1N2G	708
8.4	35	-	147	98	151	1.0	17.360	GSS04-2M □□□090C32	E84DVB□3024S□1N2G	708
8.4	35	-	147	98	152	1.7	17.360	GSS05-2M □□□090C32	E84DVB□3024S□1N2G	708
7.2	29	-	125	107	163	1.3	20.417	GSS05-2M □□□090C32	E84DVB□3024S□1N2G	708
6.6	27	-	115	122	192	0.9	22.143	GSS04-2M □□□090C32	E84DVB□3024S□1N2G	708
6.6	27	-	115	123	195	1.4	22.143	GSS05-2M □□□090C32	E84DVB□3024S□1N2G	708
5.9	24	-	103	130	203	1.1	24.800	GSS05-2M □□□090C32	E84DVB□3024S□1N2G	708
5.4	22	-	94	149	239	1.2	27.125	GSS05-2M □□□090C32	E84DVB□3024S□1N2G	708
5.4	22	-	94	149	234	2.5	27.125	GSS06-2M □□□090C32	E84DVB□3024S□1N2G	708
4.6	19	-	80	163	261	1.0	31.738	GSS05-2M □□□090C32	E84DVB□3024S□1N2G	708
4.6	19	-	80	163	258	1.7	31.738	GSS06-2M □□□090C32	E84DVB□3024S□1N2G	708
4.1	17	-	72	190	312	1.0	35.306	GSS05-2M □□□090C32	E84DVB□3024S□1N2G	708
4.1	17	-	72	191	306	2.1	35.306	GSS06-2M □□□090C32	E84DVB□3024S□1N2G	708
3.7	15	-	65	195	317	0.8	39.200	GSS05-2M □□□090C32	E84DVB□3024S□1N2G	708
3.7	15	-	65	200	316	1.6	39.200	GSS06-2M □□□090C32	E84DVB□3024S□1N2G	708
3.4	14	-	59	238	375	2.9	43.271	GSS07-2M □□□090C32	E84DVB□3024S□1N2G	708
3.3	14	-	58	232	389	0.9	43.917	GSS05-2M □□□090C32	E84DVB□3024S□1N2G	708
3.3	14	-	58	235	379	1.8	43.917	GSS06-2M □□□090C32	E84DVB□3024S□1N2G	708
2.9	12	-	51	249	403	1.4	50.000	GSS06-2M □□□090C32	E84DVB□3024S□1N2G	708
2.9	12	-	51	257	407	2.3	50.000	GSS07-2M □□□090C32	E84DVB□3024S□1N2G	708
2.7	11	-	47	267	440	1.3	54.250	GSS06-2M □□□090C32	E84DVB□3024S□1N2G	708
2.4	9.8	-	42	299	491	1.2	61.250	GSS06-2M □□□090C32	E84DVB□3024S□1N2G	708
2.1	8.5	-	36	337	568	1.1	70.611	GSS06-2M □□□090C32	E84DVB□3024S□1N2G	708
2.1	8.5	-	36	354	578	2.0	70.611	GSS07-2M □□□090C32	E84DVB□3024S□1N2G	708
1.8	7.5	-	32	377	634	1.0	79.722	GSS06-2M □□□090C32	E84DVB□3024S□1N2G	708
1.8	7.5	-	32	397	648	1.9	79.722	GSS07-2M □□□090C32	E84DVB□3024S□1N2G	708
1.7	6.8	-	29	408	700	1.0	87.833	GSS06-2M □□□090C32	E84DVB□3024S□1N2G	708
1.7	6.9	-	29	425	706	1.7	86.542	GSS07-2M □□□090C32	E84DVB□3024S□1N2G	708



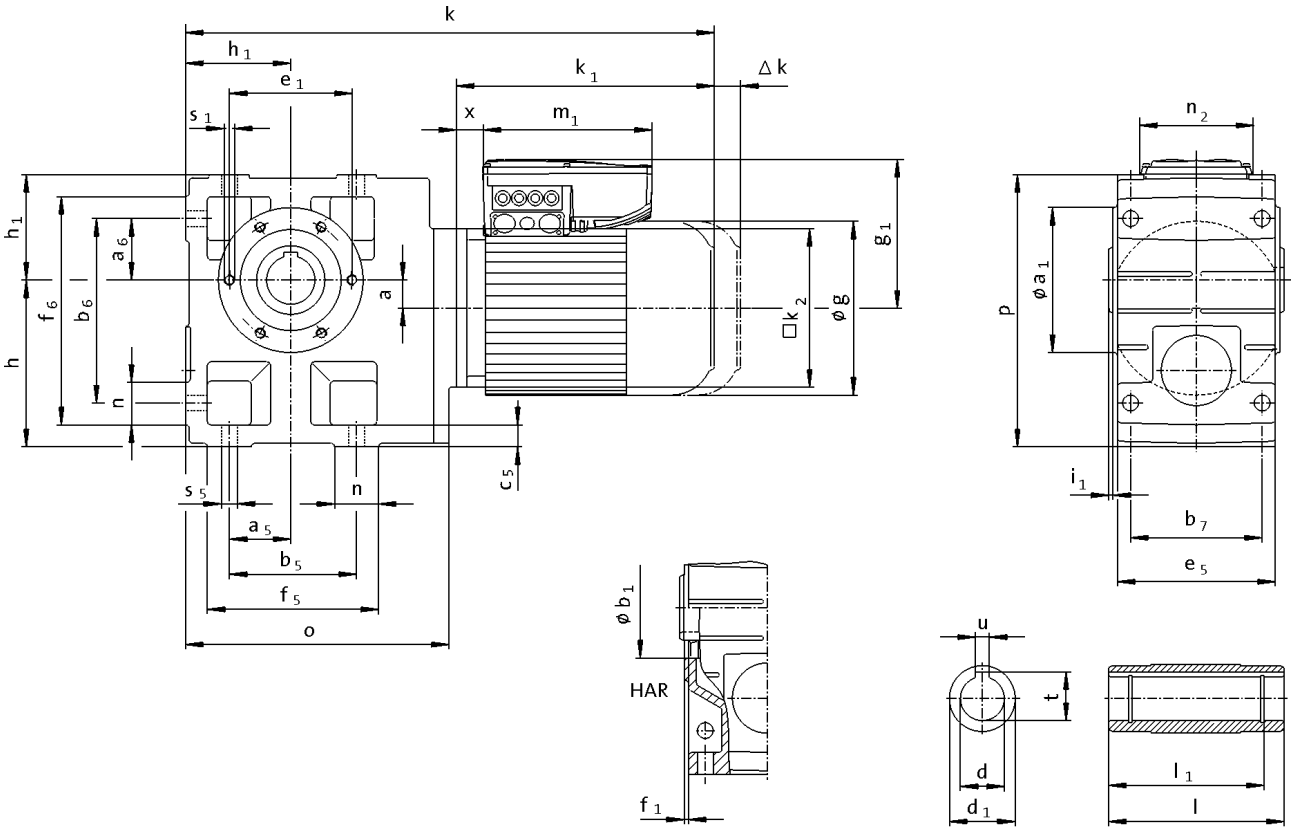
87 Hz: P_N = 2.70 kW

n_{22} / n_2 = 1 ... 17.4

n_1 = 146.3 ... 2545 r/min

n_{22} [r/min]	n_{21} [r/min]		n_2 [r/min]	M_{22} [Nm]	M_2 [Nm]	c	i			
1.5	6.1	-	26	457	780	0.9	99.167	GSS06-2M □□□090C32	E84DVB□3024S□1N2G	708
1.5	6.1	-	26	476	790	1.5	97.708	GSS07-2M □□□090C32	E84DVB□3024S□1N2G	708
1.3	5.3	-	22	546	922	1.3	113.667	GSS07-2M □□□090C32	E84DVB□3024S□1N2G	708
1.1	4.7	-	20	615	1028	1.2	128.333	GSS07-2M □□□090C32	E84DVB□3024S□1N2G	708
1.2	4.7	-	20	597	978	1.3	126.531	GSS07-3M □□□090C32	E84DVB□3024S□1N2G	716
1.0	4.2	-	18	670	1088	1.1	142.857	GSS07-3M □□□090C32	E84DVB□3024S□1N2G	716
1.1	4.4	-	18	655	1114	1.1	137.950	GSS07-2M □□□090C32	E84DVB□3024S□1N2G	708
0.9	3.9	-	16	725	1193	1.0	155.000	GSS07-3M □□□090C32	E84DVB□3024S□1N2G	716
0.9	3.9	-	16	740	1238	1.0	155.750	GSS07-2M □□□090C32	E84DVB□3024S□1N2G	708
0.8	3.4	-	15	815	1321	0.9	175.000	GSS07-3M □□□090C32	E84DVB□3024S□1N2G	716
0.8	3.4	-	15	819	1393	0.9	174.375	GSS07-2M □□□090C32	E84DVB□3024S□1N2G	708

GSS□□-2M H□R


k
h 1
e 1
s 1
k 1
Δ k
x
m 1
h 1
a 6
f 6
b 6
h
n
a
□k 2
ø g
g 1
s 5
n
a 5
b 5
f 5
o
c 5
n 2
p
ø a 1
i 1
b 7
e 5
ø b 1
HAR
f 1
u
t
d
d 1
l 1
l

		063C32	063C42	071C32 071C42	080C32	080C42	090C32	100C12 100C32
g		123		139	156		176	194
$g_{1, 50Hz}$				163	172		177	217
$g_{1, 87Hz}$		154		163	172	201	205.5	
k_1	MDEMAXX	187		207	224.5		248	309
k_2		120			145		180	
x_{50Hz}				21	25.5		28.8	29.6
x_{87Hz}		18.8		21	25.5	24.5	27.8	
$m_{1, 50Hz}$				241				260
$m_{1, 87Hz}$		241				260		
$n_{2, 50Hz}$				161				176
$n_{2, 87Hz}$		161				176		
Δ k	MDEMABR	40		52	73		68	76
	MDFMAXX	128						109
	MDFMABR	170		165	183		181	170
		k						
GSS04		377		397	420		453	
GSS05			399	419	441		475	536
GSS06			439	459	481		515	576
GSS07					524		558	619

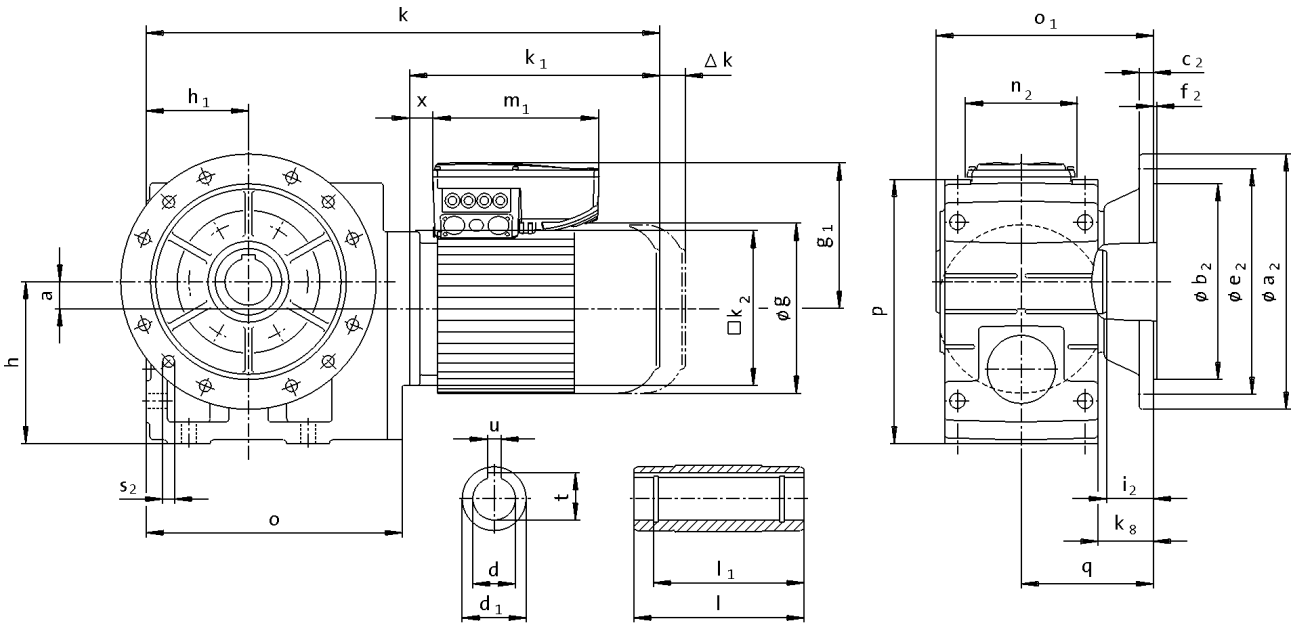
	a	h[1)]	h_1	o	p[1)]
GSS04	20	100	71	181	171
GSS05	23	125	80	212	205
GSS06	26	150	100	255	250
GSS07	33	190	120	305	310

	d	d_1	l[1)]	l_1	u	t	i_1	a_1	b_1	e_1	f_1	s_1
	H7				JS9	+0,2			H7			
GSS04	25 30	45 45	115 115	100 100	8 8	28.3 33.3	2.5 2.5	104	75	90	3	M6x12
GSS05	30 35	50 50	140 140	124 124	8 10	33.3 38.3	4 4	118	80	100	4	M8x15
GSS06	40 45	65 65	160 160	140 140	12 14	43.3 48.8	5 5	140	100	120	4	M10x16
GSS07	50 55	75 75	200 200	175 175	14 16	53.8 59.3	5 5	165	115	140	5	M12x18

	a_5	a_6	b_5	b_6	b_7	c_5	e_5	f_5	f_6	m	n	s_5
GSS04	45	45	90	119	85	14	100	112	141	20	22	9
GSS05	47.5	47.5	95	140	105	17	127	124	169	21	29	11
GSS06	60	60	120	170	120	20	145	156	206	23	36	14
GSS07	70	70	140	210	150	25	180	185	255	28	45	18

[1)] k_2 !

GSS□□-2M HAK


k
k 1
Δ k
h 1
x
m 1
g 1
a
h
□k 2
ø g
u
t
s 2
o
d
d 1
l 1
l
o 1
c 2
f 2
n 2
p
ø b 2
ø e 2
ø a 2
i 2
k 8
q

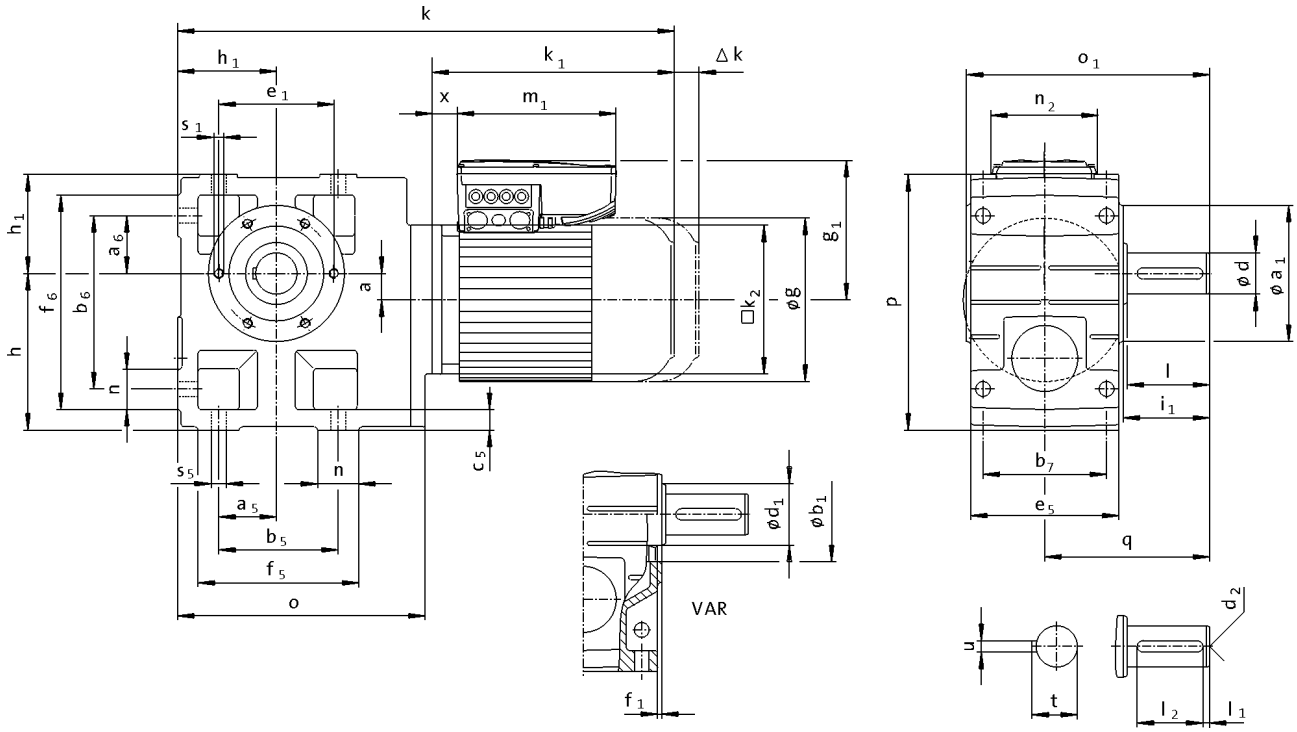
		063C32	063C42	071C32 071C42	080C32	080C42	090C32	100C12 100C32
g		123		139	156		176	194
$g_{1, 50Hz}$				163	172		177	217
$g_{1, 87Hz}$		154		163	172	201	205.5	
k_1	MDEMAXX	187		207	224.5		248	309
k_2		120			145		180	
x_{50Hz}				21	25.5		28.8	29.6
x_{87Hz}		18.8		21	25.5	24.5	27.8	
$m_{1, 50Hz}$				241				260
$m_{1, 87Hz}$		241				260		
$n_{2, 50Hz}$				161				176
$n_{2, 87Hz}$		161				176		
Δ k	MDEMABR	40		52	73		68	76
	MDFMAXX	128						109
	MDFMABR	170		165	183		181	170
		k						
GSS04		377		397	420		453	
GSS05			399	419	441		475	536
GSS06			439	459	481		515	576
GSS07					524		558	619

	a	h[1)]	h_1	k_8	o	p[1)]	q
GSS04	20	100	71	41	181	171	91
GSS05	23	125	80	40	212	205	103.5
GSS06	26	150	100	49	255	250	121.5
GSS07	33	190	120	65.5	305	310	155.5

	d	d_1	l	l_1	u	t	i_2	o_1[1)]	a_2	b_2	c_2	e_2	f_2	s_2
	H7				JS9	+0,2				j7				
GSS04	25 30	45 45	115 115	100 100	8 8	28.3 33.3	33 33	148.5 148.5	160	110	10	130	3.5	4 x 9
GSS05	30 35	50 50	140 140	124 124	8 10	33.3 38.3	33 33	173.5 173.5	200	130	12	165	4	4 x 11
GSS06	40 45	65 65	160 160	140 140	12 14	43.3 48.8	42 41	201.5 201.5	250	180	15	215	4	4 x 14
GSS07	50 55	75 75	200 200	175 175	14 16	53.8 59.3	55 55	255.5 255.5	250 300	180 230	15 17	215 265	4 4	4 x 14 4 x 14

[1)] k_2 !

GSS□□-2M V□R


k
h 1
k 1
Δ k
e 1
x
m 1
s 1
o 1
n 2
h 1
a 6
f 6
b 6
h
n
a
□k 2
ø g
g 1
p
ø d
ø a 1
l
i 1
b 7
e 5
q
s 5
n
a 5
b 5
f 5
o
c 5
ø d 1
ø b 1
VAR
f 1
u
t
d 2
l 2
l 1

		063C32	063C42	071C32 071C42	080C32	080C42	090C32	100C12 100C32
g		123		139	156		176	194
$g_{1,\ 50Hz}$				163	172		177	217
$g_{1,\ 87Hz}$		154		163	172	201	205.5	
k_1	MDEMAXX	187		207	224.5		248	309
k_2		120			145		180	
x_{50Hz}				21	25.5		28.8	29.6
x_{87Hz}		18.8		21	25.5	24.5	27.8	
$m_{1,\ 50Hz}$				241				260
$m_{1,\ 87Hz}$		241				260		
$n_{2,\ 50Hz}$				161				176
$n_{2,\ 87Hz}$		161				176		
Δ k	MDEMABR	40		52	73		68	76
	MDFMAXX	128						109
	MDFMABR	170		165	183		181	170
		k						
GSS04		377		397	420		453	
GSS05			399	419	441		475	536
GSS06			439	459	481		515	576
GSS07					524		558	619

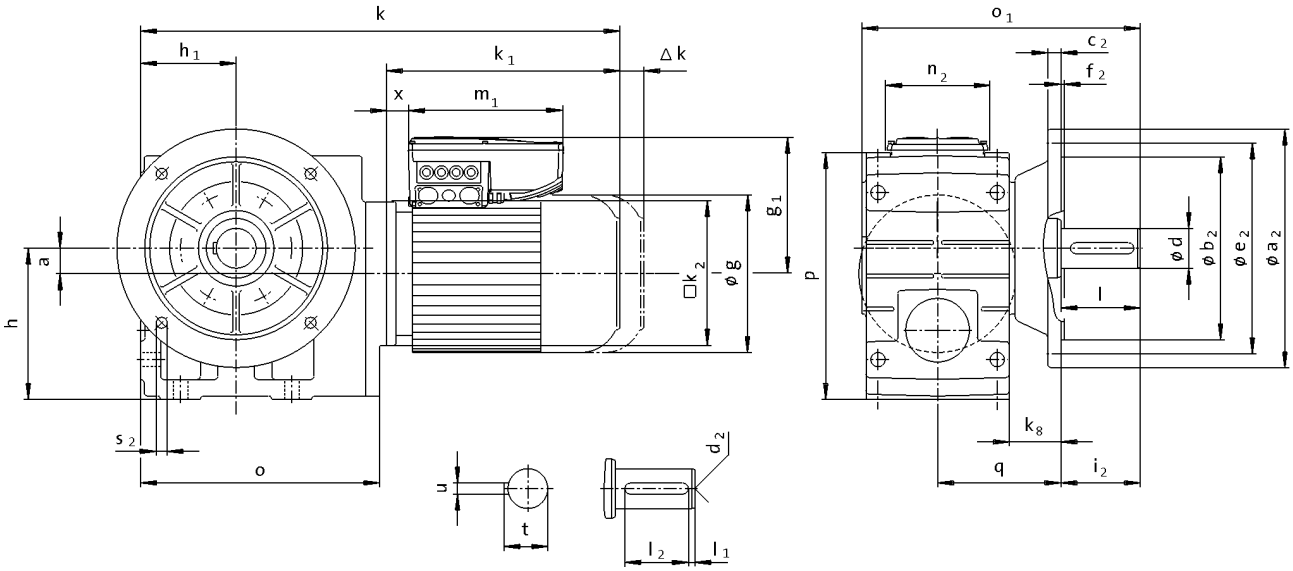
	a	h[1]	h_1	o	p[1]	q
GSS04	20	100	71	181	171	107.5
GSS05	23	125	80	212	205	130
GSS06	26	150	100	255	250	160
GSS07	33	190	120	305	310	200

	d	d_1	d_2	l	l_1	l_2	u	t	i_1	o_1[1]	a_1	b_1	e_1	f_1	s_1
	k6											H7			
GSS04	25	45	M10	50	6	40	8	28	52.5	162.5	104	75	90	3	M6x12
GSS05	30	45	M10	60	6	45	8	33	64	196.5	118	80	100	4	M8x15
GSS06	40	65	M16	80	7	63	12	43	85	235.5	140	100	120	4	M10x16
GSS07	50	75	M16	100	8	80	14	53.5	105	295.5	165	115	140	5	M12x18

	a_5	a_6	b_5	b_6	b_7	c_5	e_5	f_5	f_6	m	n	s_5
GSS04	45	45	90	119	85	14	100	112	141	20	22	9
GSS05	47.5	47.5	95	140	105	17	127	124	169	21	29	11
GSS06	60	60	120	170	120	20	145	156	206	23	36	14
GSS07	70	70	140	210	150	25	180	185	255	28	45	18

[1] k_2 !

GSS□□-2M VAK


k
h 1
k 1
Δ k
x
m 1
g 1
□k 2
ø g
a
h
s 2
o
u
t
d 2
l 2
l 1
o 1
c 2
f 2
n 2
p
ø d
ø b 2
ø e 2
ø a 2
l
k 8
q
i 2

7

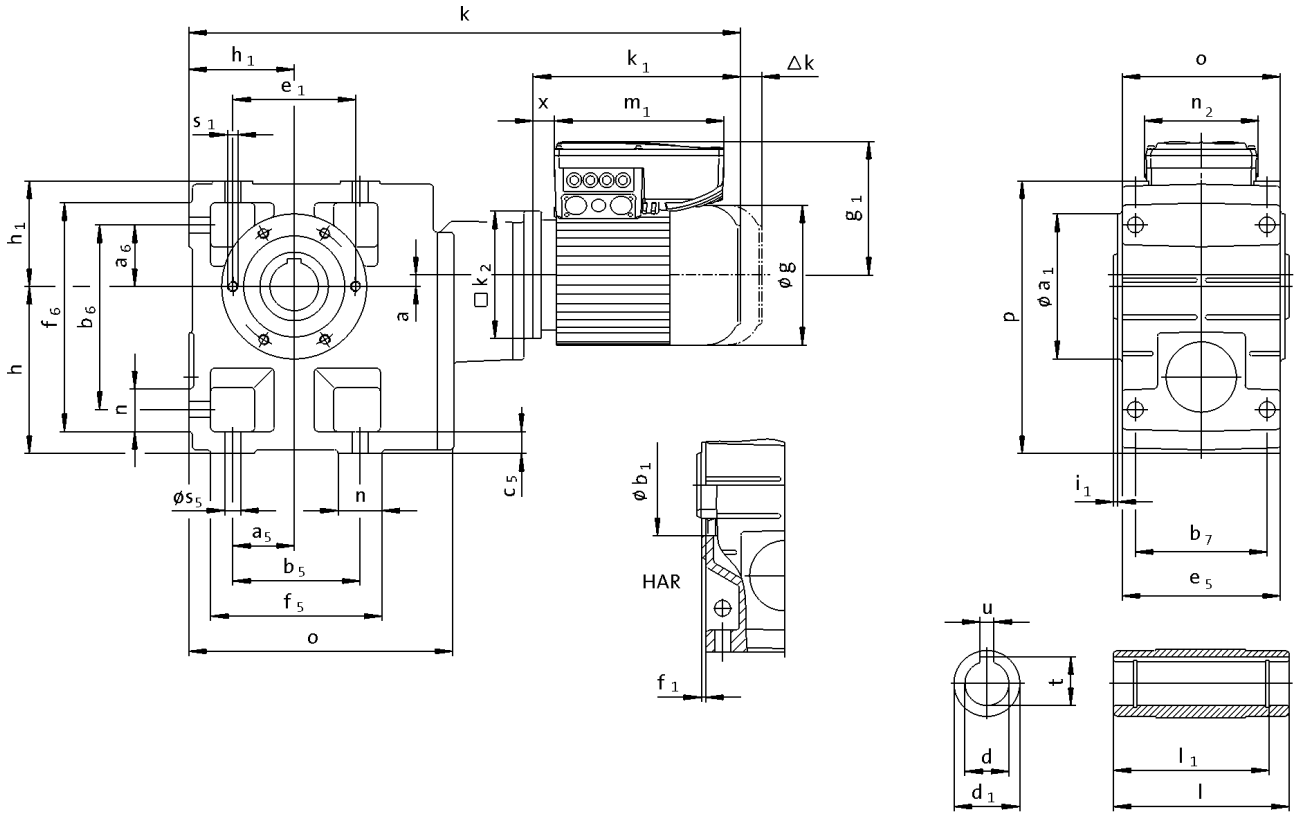
		063C32	063C42	071C32 071C42	080C32	080C42	090C32	100C12 100C32
g		123		139	156		176	194
$g_{1, 50Hz}$				163	172		177	217
$g_{1, 87Hz}$		154		163	172	201	205.5	
k_1	MDEMAXX	187		207	224.5		248	309
k_2		120			145		180	
x_{50Hz}				21	25.5		28.8	29.6
x_{87Hz}		18.8		21	25.5	24.5	27.8	
$m_{1, 50Hz}$				241				260
$m_{1, 87Hz}$		241				260		
$n_{2, 50Hz}$				161				176
$n_{2, 87Hz}$		161				176		
Δ k	MDEMABR	40		52	73		68	76
	MDFMAXX	128						109
	MDFMABR	170		165	183		181	170
		k						
GSS04		377		397	420		453	
GSS05			399	419	441		475	536
GSS06			439	459	481		515	576
GSS07					524		558	619

	a	h[1)]	h_1	k_8	o	p[1)]	q
GSS04	20	100	71	41	181	171	91
GSS05	23	125	80	40	212	205	103.5
GSS06	26	150	100	49	255	250	121.5
GSS07	33	190	120	65.5	305	310	155.5

	d	d_2	l	l_1	l_2	u	t	i_2	o_1[1)]	a_2	b_2	c_2	e_2	f_2	s_2
	k6										j7				
GSS04	25	M10	50	6	40	8	28	50	195.5	160	110	10	130	3.5	4 x 9
GSS05	30	M10	60	6	45	8	33	60	229.5	200	130	12	165	4	4 x 11
GSS06	40	M16	80	7	63	12	43	80	276.5	250	180	15	215	4	4 x 14
GSS07	50	M16	100	8	80	14	53.5	100	350.5	250 300	180 230	15 17	215 265	4 4	4 x 14 4 x 14

[1)] k_2 !

GSS□□-3M H□R


k
h 1
e 1
s 1
k 1
△k
x
m 1
g 1
h 1
a 6
f 6
b 6
h
n
a
□k 2
ø g
c 5
ø s 5
a 5
b 5
f 5
o
n
HAR
ø b 1
f 1
o
n 2
p
ø a 1
i 1
b 7
e 5
u
t
d
d 1
l 1
l

7

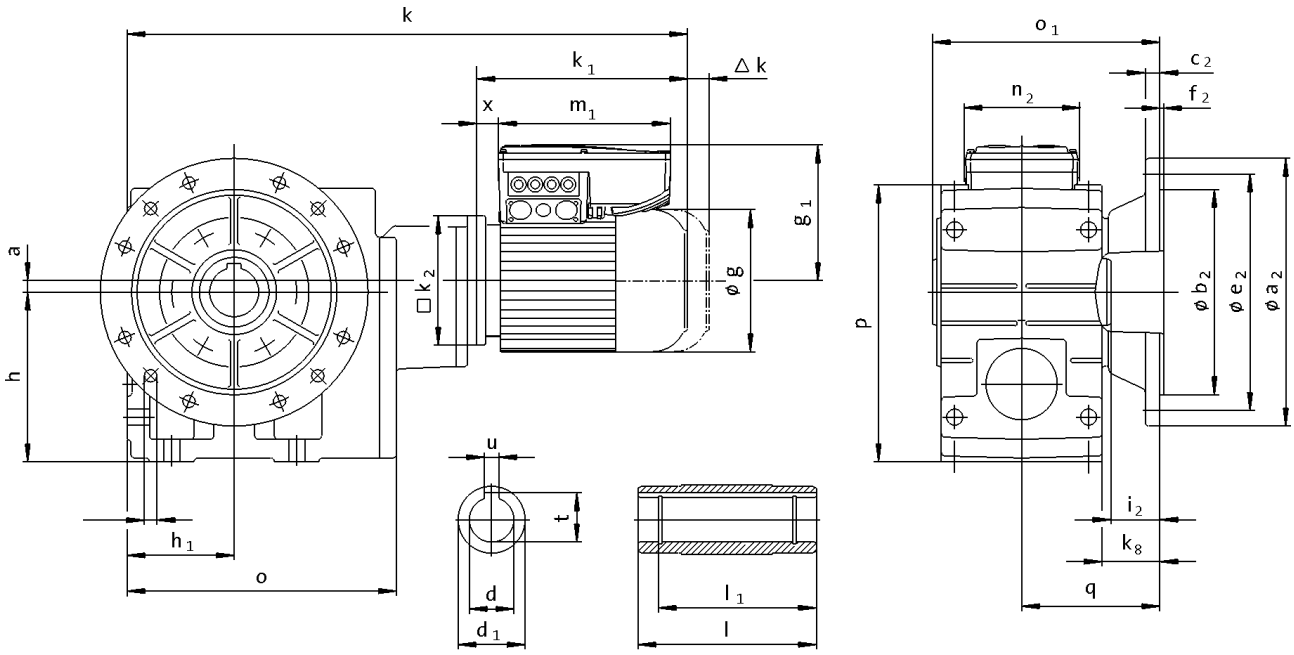
		063C32	063C42	071C32 071C42	080C32	080C42	090C32	100C12
g		123		139	156		176	194
$g_{1, 50Hz}$				163	172		177	217
$g_{1, 87Hz}$		154		163	172	201	205.5	
k_1	MDEMAXX	187		207	224.5		248	309
k_2		120			145		180	
x_{50Hz}				21	25.5		28.8	29.6
x_{87Hz}		18.8		21	25.5	24.5	27.8	
$m_{1, 50Hz}$				241				260
$m_{1, 87Hz}$		241				260		
$n_{2, 50Hz}$				161				176
$n_{2, 87Hz}$		161				176		
Δ k	MDEMABR	40		52	73		68	76
	MDFMAXX	128						109
	MDFMABR	170		165	183		181	170
		k						
GSS05		475		495				
GSS06		532		552	575			
GSS07			586	606	629		662	723

	a	h	h_1	o	p
GSS05	13	125	80	209	205
GSS06	10	150	100	252	250
GSS07	12	190	120	299	310

	d	d_1	l	l_1	u	t	i_1	a_1	b_1	e_1	f_1	s_1
	H7				JS9	+0,2			H7			
GSS05	30 35	50 50	140 140	124 124	8 10	33.3 38.3	4 4	118	80	100	4	M8x15
GSS06	40 45	65 65	160 160	140 140	12 14	43.3 48.8	5 5	140	100	120	4	M10x16
GSS07	50 55	75 75	200 200	175 175	14 16	53.8 59.3	5 5	165	115	140	5	M12x18

	a_5	a_6	b_5	b_6	b_7	c_5	e_5	f_5	f_6	m	n	s_5
GSS05	47.5	47.5	95	140	105	17	127	124	169	21	29	11
GSS06	60	60	120	170	120	20	145	156	206	23	36	14
GSS07	70	70	140	210	150	25	180	185	255	28	45	18

GSS□□-3M HAK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k 1
Δ k
x
m 1
g 1
a
h
□ k 2
ø g
u
t
h 1
o
d
d 1
l 1
l
o 1
c 2
n 2
f 2
p
ø b 2
ø e 2
ø a 2
i 2
k 8
q

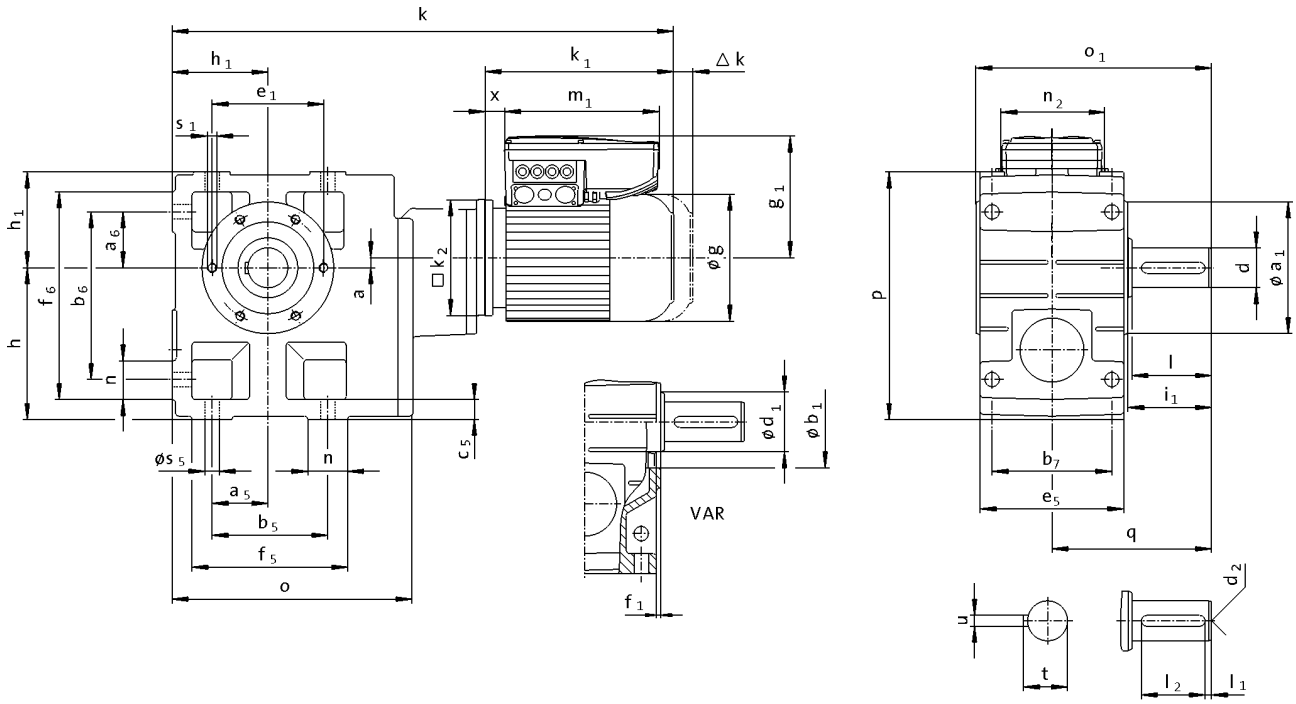
7

		063C32	063C42	071C32 071C42	080C32	080C42	090C32	100C12
g		123		139	156		176	194
$g_{1,\ 50Hz}$				163	172		177	217
$g_{1,\ 87Hz}$		154		163	172	201	205.5	
k_1	MDEMAXX	187		207	224.5		248	309
k_2		120			145		180	
x_{50Hz}				21	25.5		28.8	29.6
x_{87Hz}		18.8		21	25.5	24.5	27.8	
$m_{1,\ 50Hz}$				241				260
$m_{1,\ 87Hz}$		241				260		
$n_{2,\ 50Hz}$				161				176
$n_{2,\ 87Hz}$		161				176		
Δ k	MDEMABR	40		52	73		68	76
	MDFMAXX	128						109
	MDFMABR	170		165	183		181	170
		k						
GSS05		475		495				
GSS06		532		552	575			
GSS07			586	606	629		662	723

	a	h	h_1	k_8	o	p	q
GSS05	13	125	80	40	209	205	103.5
GSS06	10	150	100	49	252	250	121.5
GSS07	12	190	120	65.5	299	310	155.5

	d	d_1	l	l_1	u	t	i_2	o_1	a_2	b_2	c_2	e_2	f_2	s_2
	H7				JS9	+0,2				j7				
GSS05	30 35	50 50	140 140	124 124	8 10	33.3 38.3	33 33	173.5 173.5	200	130	12	165	4	4 x 11
GSS06	40 45	65 65	160 160	140 140	12 14	43.3 48.8	42 41	201.5 201.5	250	180	15	215	4	4 x 14
GSS07	50 55	75 75	200 200	175 175	14 16	53.8 59.3	55 55	255.5 255.5	250 300	180 230	15 17	215 265	4 4	4 x 14 4 x 14

GSS□□-3M V□R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h 1
k 1
Δ k
e 1
x
m 1
s 1
g 1
h 1
a 6
□ k 2
ø g
f 6
b 6
a
h
n
c 5
ø s 5
n
a 5
b 5
f 5
o
ø d 1
ø b 1
VAR
f 1
o 1
n 2
p
d
ø a 1
l
i 1
b 7
e 5
q
d 2
u
t
l 2
l 1

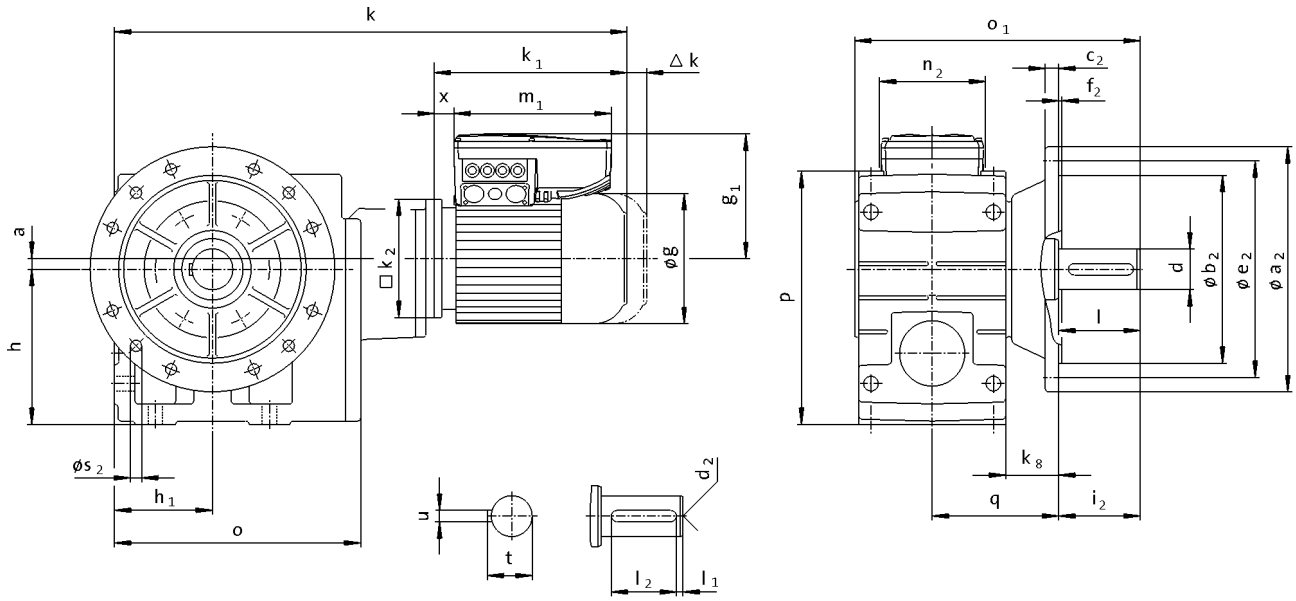
		063C32	063C42	071C32 071C42	080C32	080C42	090C32	100C12
g		123		139	156		176	194
$g_{1,\ 50Hz}$				163	172		177	217
$g_{1,\ 87Hz}$		154		163	172	201	205.5	
k_1	MDEMAXX	187		207	224.5		248	309
k_2		120			145		180	
x_{50Hz}				21	25.5		28.8	29.6
x_{87Hz}		18.8		21	25.5	24.5	27.8	
$m_{1,\ 50Hz}$				241				260
$m_{1,\ 87Hz}$		241				260		
$n_{2,\ 50Hz}$				161				176
$n_{2,\ 87Hz}$		161				176		
Δ k	MDEMABR	40		52	73		68	76
	MDFMAXX	128						109
	MDFMABR	170		165	183		181	170
		k						
GSS05		475		495				
GSS06		532		552	575			
GSS07			586	606	629		662	723

	a	h	h_1	o	p	q
GSS05	13	125	80	209	205	130
GSS06	10	150	100	252	250	160
GSS07	12	190	120	299	310	200

	d	d_1	d_2	l	l_1	l_2	u	t	i_1	o_1	a_1	b_1	e_1	f_1	s_1
	k6											H7			
GSS05	30	45	M10	60	6	45	8	33	64	196.5	118	80	100	4	M8x15
GSS06	40	65	M16	80	7	63	12	43	85	235.5	140	100	120	4	M10x16
GSS07	50	75	M16	100	8	80	14	53.5	105	295.5	165	115	140	5	M12x18

	a_5	a_6	b_5	b_6	b_7	c_5	e_5	f_5	f_6	m	n	s_5
GSS05	47.5	47.5	95	140	105	17	127	124	169	21	29	11
GSS06	60	60	120	170	120	20	145	156	206	23	36	14
GSS07	70	70	140	210	150	25	180	185	255	28	45	18

GSS□□-3M VAK


k
k 1
Δ k
x
m 1
g 1
a
h
□ k 2
ø g
ø s 2
h 1
o
u
t
d 2
l 2
l 1
o 1
n 2
c 2
f 2
p
d
ø b 2
ø e 2
ø a 2
l
k 8
q
i 2

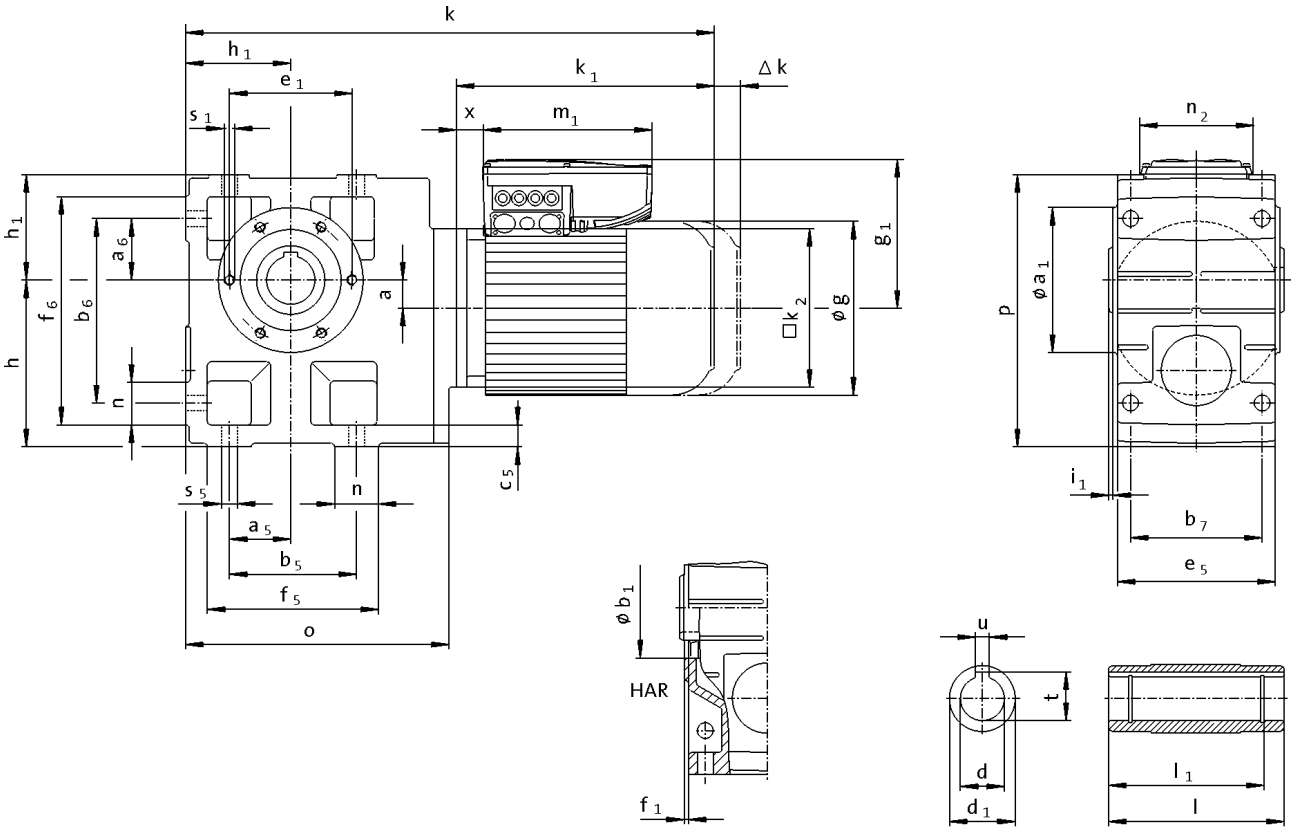
7

		063C32	063C42	071C32 071C42	080C32	080C42	090C32	100C12
g		123		139	156		176	194
$g_{1,\ 50Hz}$				163	172		177	217
$g_{1,\ 87Hz}$		154		163	172	201	205.5	
k_1	MDEMAXX	187		207	224.5		248	309
k_2		120			145		180	
x_{50Hz}				21	25.5		28.8	29.6
x_{87Hz}		18.8		21	25.5	24.5	27.8	
$m_{1,\ 50Hz}$				241				260
$m_{1,\ 87Hz}$		241				260		
$n_{2,\ 50Hz}$				161				176
$n_{2,\ 87Hz}$		161				176		
Δ k	MDEMABR	40		52	73		68	76
	MDFMAXX	128						109
	MDFMABR	170		165	183		181	170
		k						
GSS05		475		495				
GSS06		532		552	575			
GSS07			586	606	629		662	723

	a	h	h_1	k_8	o	p	q
GSS05	13	125	80	40	209	205	103.5
GSS06	10	150	100	49	252	250	121.5
GSS07	12	190	120	65.5	299	310	155.5

	d	d_2	l	l_1	l_2	u	t	i_2	o_1	a_2	b_2	c_2	e_2	f_2	s_2
	k6										j7				
GSS05	30	M10	60	6	45	8	33	60	229.5	200	130	12	165	4	4 x 11
GSS06	40	M16	80	7	63	12	43	80	276.5	250	180	15	215	4	4 x 14
GSS07	50	M16	100	8	80	14	53.5	100	350.5	250 300	180 230	15 17	215 265	4 4	4 x 14 4 x 14

GSS□□-2M H□R


k
h 1
e 1
s 1
k 1
Δ k
x
m 1
h 1
a 6
f 6
b 6
h
n
a
□k 2
ø g
g 1
s 5
n
a 5
b 5
f 5
o
c 5
n 2
p
ø a 1
i 1
b 7
e 5
ø b 1
HAR
f 1
u
t
d
d 1
l 1
l

7

		063C32	063C42	071C32 071C42	080C32 080C42
g		123		139	156
$g_{1,\ 120Hz}$		154		163	201
k_1	MFEMAXX	187		207	224.5
k_2		120			145
x_{120Hz}		18.8		21	24.5
$m_{1,\ 120Hz}$		241			260
$n_{2,\ 120Hz}$		161			176
Δ k	MFEMABR	40		52	
	MFFMAXX	128			
	MFFMABR	170		165	
		k			
GSS04		377		397	420
GSS05		399		419	441
GSS06			439	459	481
GSS07					524

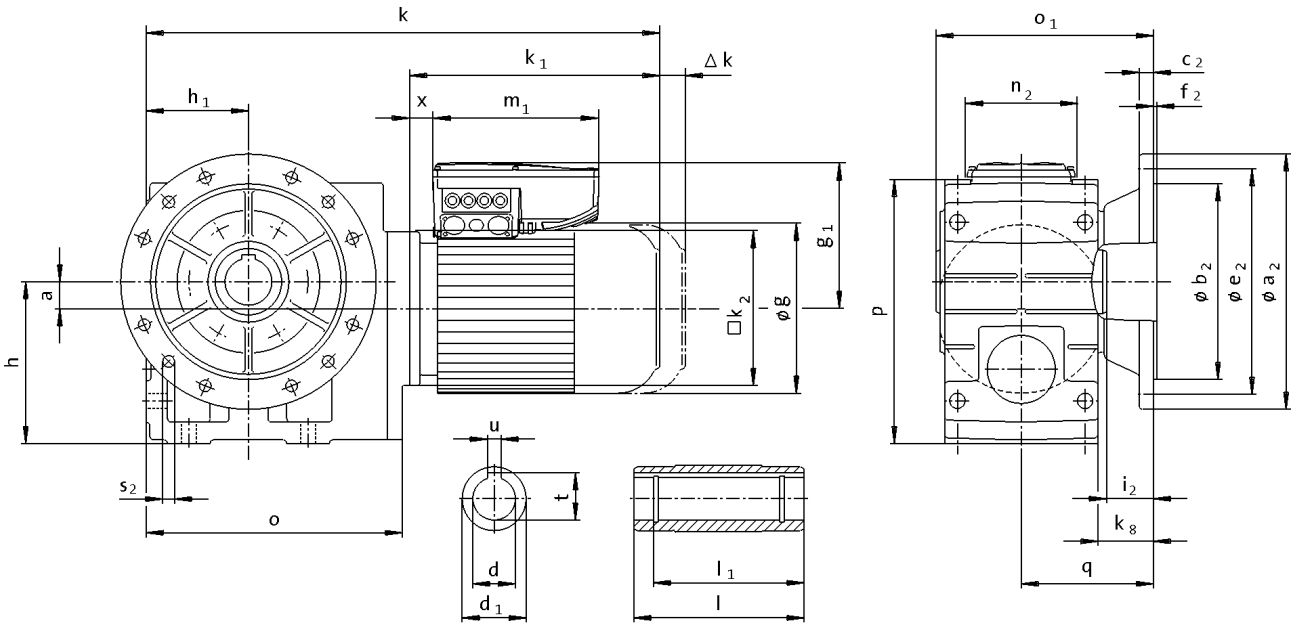
	a	h[1)]	h_1	o	p[1)]
GSS04	20	100	71	181	171
GSS05	23	125	80	212	205
GSS06	26	150	100	255	250
GSS07	33	190	120	305	310

	d	d_1	l[1)]	l_1	u	t	i_1	a_1	b_1	e_1	f_1	s_1
	H7				JS9	+0,2			H7			
GSS04	25 30	45 45	115 115	100 100	8 8	28.3 33.3	2.5 2.5	104	75	90	3	M6x12
GSS05	30 35	50 50	140 140	124 124	8 10	33.3 38.3	4 4	118	80	100	4	M8x15
GSS06	40 45	65 65	160 160	140 140	12 14	43.3 48.8	5 5	140	100	120	4	M10x16
GSS07	50 55	75 75	200 200	175 175	14 16	53.8 59.3	5 5	165	115	140	5	M12x18

	a_5	a_6	b_5	b_6	b_7	c_5	e_5	f_5	f_6	m	n	s_5
GSS04	45	45	90	119	85	14	100	112	141	20	22	9
GSS05	47.5	47.5	95	140	105	17	127	124	169	21	29	11
GSS06	60	60	120	170	120	20	145	156	206	23	36	14
GSS07	70	70	140	210	150	25	180	185	255	28	45	18

[1)] k_2 !

GSS□□-2M HAK


k
k 1
Δ k
h 1
x
m 1
g 1
a
h
□k 2
ø g
u
t
s 2
o
d
d 1
l 1
l
o 1
c 2
f 2
n 2
p
ø b 2
ø e 2
ø a 2
i 2
k 8
q

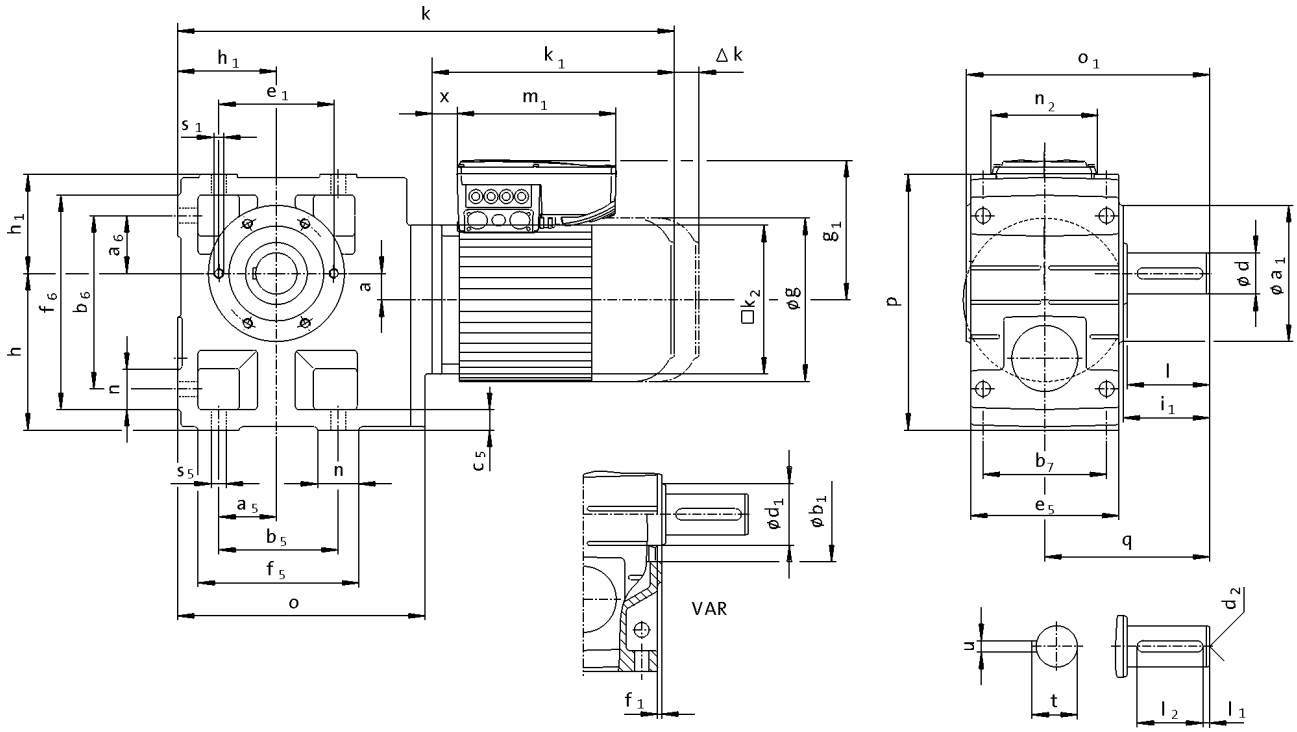
		063C32	063C42	071C32 071C42	080C32 080C42
g		123		139	156
$g_{1,\ 120Hz}$		154		163	201
k_1	MFEMAXX	187		207	224.5
k_2		120			145
x_{120Hz}		18.8		21	24.5
$m_{1,\ 120Hz}$		241			260
$n_{2,\ 120Hz}$		161			176
Δ k	MFEMABR	40		52	
	MFFMAXX	128			
	MFFMABR	170		165	
		k			
GSS04		377		397	420
GSS05		399		419	441
GSS06			439	459	481
GSS07					524

	a	h[1)]	h_1	k_8	o	p[1)]	q
GSS04	20	100	71	41	181	171	91
GSS05	23	125	80	40	212	205	103.5
GSS06	26	150	100	49	255	250	121.5
GSS07	33	190	120	65.5	305	310	155.5

	d	d_1	l	l_1	u	t	i_2	o_1[1)]	a_2	b_2	c_2	e_2	f_2	s_2
	H7				JS9	+0,2				j7				
GSS04	25 30	45 45	115 115	100 100	8 8	28.3 33.3	33 33	148.5 148.5	160	110	10	130	3.5	4 x 9
GSS05	30 35	50 50	140 140	124 124	8 10	33.3 38.3	33 33	173.5 173.5	200	130	12	165	4	4 x 11
GSS06	40 45	65 65	160 160	140 140	12 14	43.3 48.8	42 41	201.5 201.5	250	180	15	215	4	4 x 14
GSS07	50 55	75 75	200 200	175 175	14 16	53.8 59.3	55 55	255.5 255.5	250 300	180 230	15 17	215 265	4 4	4 x 14 4 x 14

[1)] k_2 !

GSS□□-2M V□R


k
h 1
k 1
Δ k
e 1
x
m 1
s 1
o 1
n 2
h 1
a 6
f 6
b 6
h
n
a
□k 2
ø g
g 1
p
ø d
ø a 1
l
i 1
b 7
e 5
q
s 5
n
a 5
b 5
f 5
o
c 5
ø d 1
ø b 1
VAR
f 1
u
t
d 2
l 2
l 1

		063C32	063C42	071C32 071C42	080C32 080C42
g		123		139	156
$g_{1,\ 120Hz}$		154		163	201
k_1	MFEMAXX	187		207	224.5
k_2		120			145
x_{120Hz}		18.8		21	24.5
$m_{1,\ 120Hz}$		241			260
$n_{2,\ 120Hz}$		161			176
Δ k	MFEMABR	40		52	
	MFFMAXX	128			
	MFFMABR	170		165	
		k			
GSS04		377		397	420
GSS05		399		419	441
GSS06			439	459	481
GSS07					524

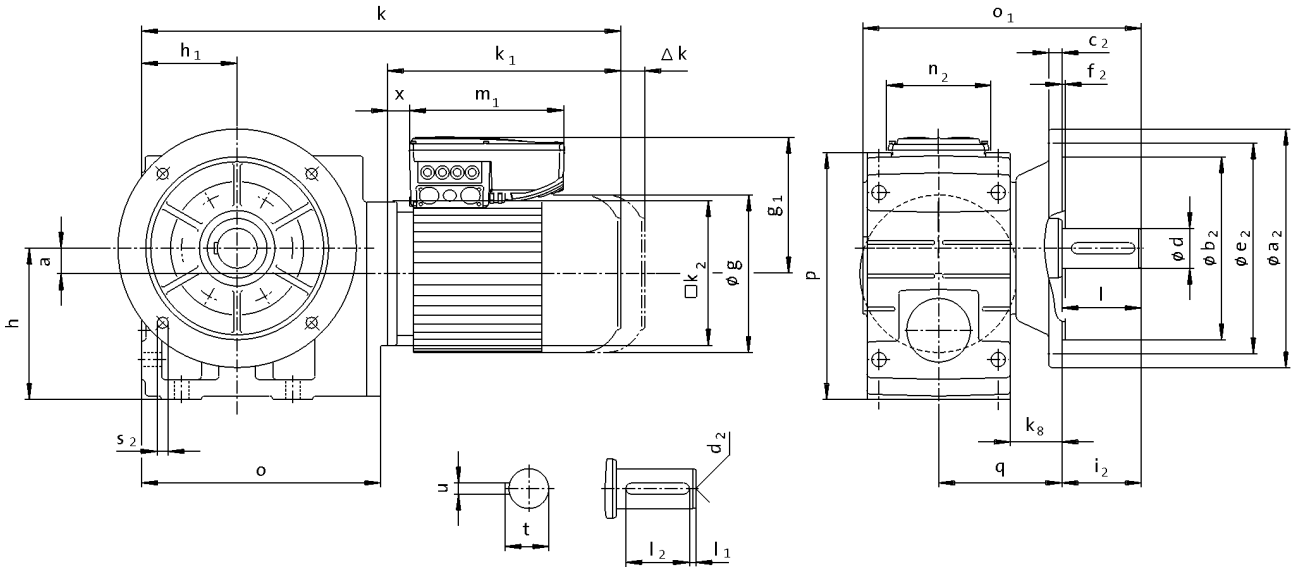
	a	h[1]	h_1	o	p[1]	q
GSS04	20	100	71	181	171	107.5
GSS05	23	125	80	212	205	130
GSS06	26	150	100	255	250	160
GSS07	33	190	120	305	310	200

	d	d_1	d_2	l	l_1	l_2	u	t	i_1	o_1[1]	a_1	b_1	e_1	f_1	s_1
	k6											H7			
GSS04	25	45	M10	50	6	40	8	28	52.5	162.5	104	75	90	3	M6x12
GSS05	30	45	M10	60	6	45	8	33	64	196.5	118	80	100	4	M8x15
GSS06	40	65	M16	80	7	63	12	43	85	235.5	140	100	120	4	M10x16
GSS07	50	75	M16	100	8	80	14	53.5	105	295.5	165	115	140	5	M12x18

	a_5	a_6	b_5	b_6	b_7	c_5	e_5	f_5	f_6	m	n	s_5
GSS04	45	45	90	119	85	14	100	112	141	20	22	9
GSS05	47.5	47.5	95	140	105	17	127	124	169	21	29	11
GSS06	60	60	120	170	120	20	145	156	206	23	36	14
GSS07	70	70	140	210	150	25	180	185	255	28	45	18

[1] k_2 !

GSS□□-2M VAK


k
h 1
k 1
Δ k
x
m 1
g 1
a
h
□k 2
ø g
s 2
o
u
t
d 2
l 2
l 1
o 1
c 2
n 2
f 2
p
ø d
ø b 2
ø e 2
ø a 2
l
k 8
q
i 2

7

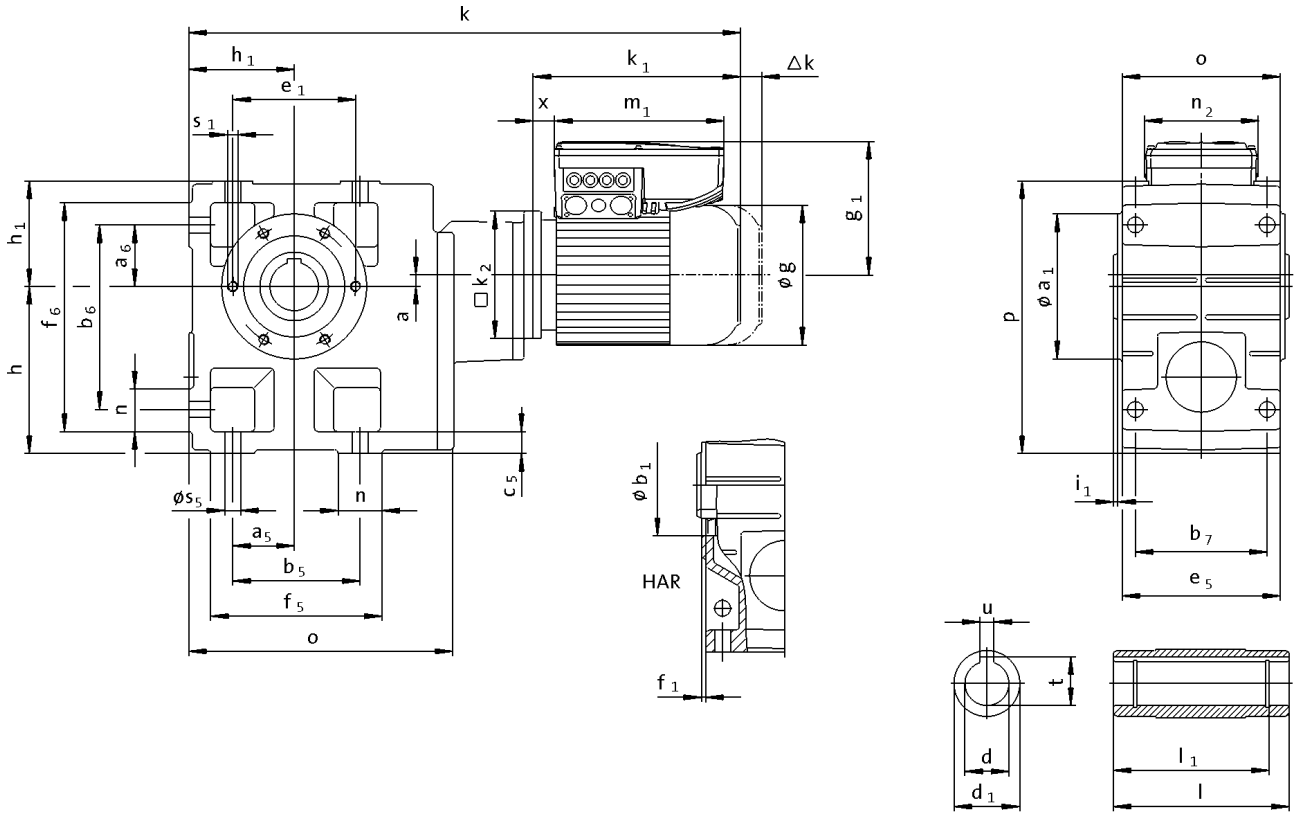
		063C32	063C42	071C32 071C42	080C32 080C42
g		123		139	156
$g_{1,\ 120Hz}$		154		163	201
k_1	MFEMAXX	187		207	224.5
k_2		120			145
x_{120Hz}		18.8		21	24.5
$m_{1,\ 120Hz}$		241			260
$n_{2,\ 120Hz}$		161			176
Δ k	MFEMABR	40		52	
	MFFMAXX	128			
	MFFMABR	170		165	
		k			
GSS04		377		397	420
GSS05		399		419	441
GSS06			439	459	481
GSS07					524

	a	h[1)]	h_1	k_8	o	p[1)]	q
GSS04	20	100	71	41	181	171	91
GSS05	23	125	80	40	212	205	103.5
GSS06	26	150	100	49	255	250	121.5
GSS07	33	190	120	65.5	305	310	155.5

	d	d_2	l	l_1	l_2	u	t	i_2	o_1[1)]	a_2	b_2	c_2	e_2	f_2	s_2
	k6										j7				
GSS04	25	M10	50	6	40	8	28	50	195.5	160	110	10	130	3.5	4 x 9
GSS05	30	M10	60	6	45	8	33	60	229.5	200	130	12	165	4	4 x 11
GSS06	40	M16	80	7	63	12	43	80	276.5	250	180	15	215	4	4 x 14
GSS07	50	M16	100	8	80	14	53.5	100	350.5	250 300	180 230	15 17	215 265	4 4	4 x 14 4 x 14

[1)] k_2 !

GSS□□-3M H□R


k
h 1
e 1
s 1
k 1
△k
x
m 1
g 1
h 1
a 6
f 6
b 6
h
n
a
□k 2
ø g
c 5
ø s 5
a 5
b 5
f 5
o
n
ø b 1
HAR
f 1
o
n 2
ø a 1
p
i 1
b 7
e 5
u
t
d
d 1
l 1
l

7

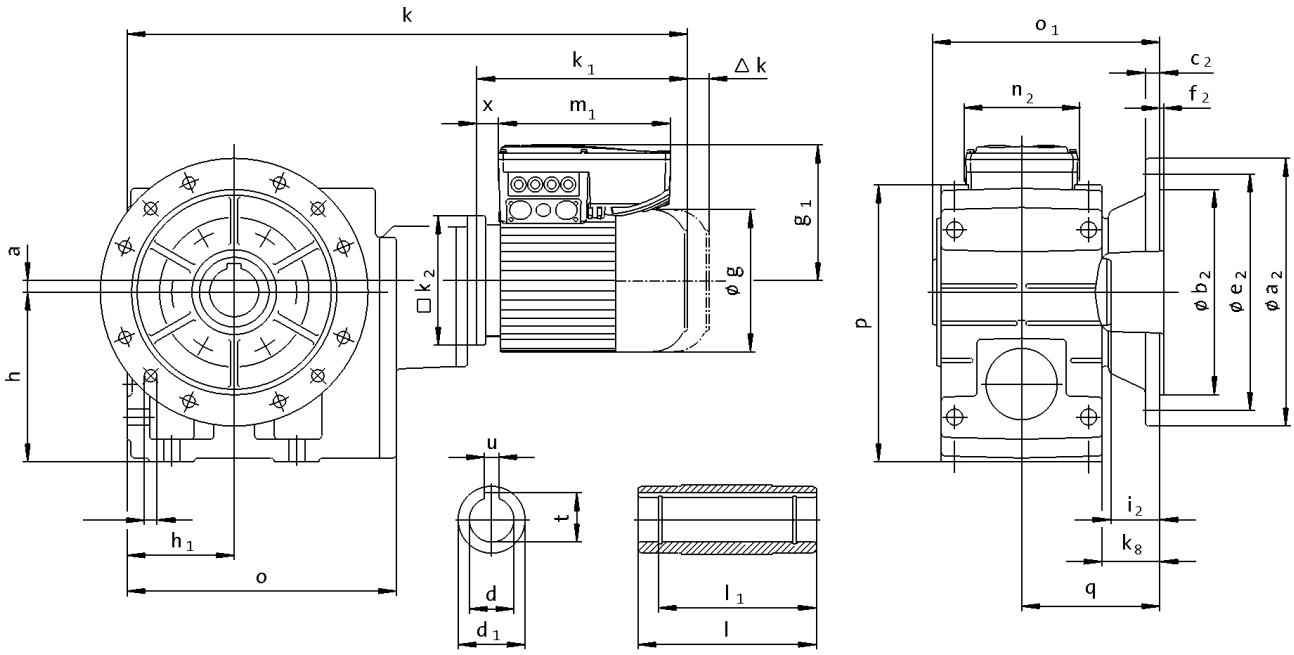
		063C32 063C42	071C32 071C42	080C32	080C42
g		123	139	156	
$g_{1,\ 120Hz}$		154	163	201	
k_1	MFEMAXX	187	207	224.5	
k_2		120		145	
x_{120Hz}		18.8	21	24.5	
$m_{1,\ 120Hz}$		241		260	
$n_{2,\ 120Hz}$		161		176	
Δ k	MFEMABR	40	52		
	MFFMAXX	128			
	MFFMABR	170	165		
		k			
GSS05		475			
GSS06		532	552	575	
GSS07		586	606	629	

	a	h	h_1	o	p
GSS05	13	125	80	209	205
GSS06	10	150	100	252	250
GSS07	12	190	120	299	310

	d	d_1	l	l_1	u	t	i_1	a_1	b_1	e_1	f_1	s_1
	H7				JS9	+0,2			H7			
GSS05	30 35	50 50	140 140	124 124	8 10	33.3 38.3	4 4	118	80	100	4	M8x15
GSS06	40 45	65 65	160 160	140 140	12 14	43.3 48.8	5 5	140	100	120	4	M10x16
GSS07	50 55	75 75	200 200	175 175	14 16	53.8 59.3	5 5	165	115	140	5	M12x18

	a_5	a_6	b_5	b_6	b_7	c_5	e_5	f_5	f_6	m	n	s_5
GSS05	47.5	47.5	95	140	105	17	127	124	169	21	29	11
GSS06	60	60	120	170	120	20	145	156	206	23	36	14
GSS07	70	70	140	210	150	25	180	185	255	28	45	18

GSS□□-3M HAK


k
k 1
Δ k
x
m 1
g 1
a
h
□ k 2
ø g
u
t
h 1
o
d
d 1
l 1
l
o 1
c 2
n 2
f 2
p
ø b 2
ø e 2
ø a 2
i 2
k 8
q

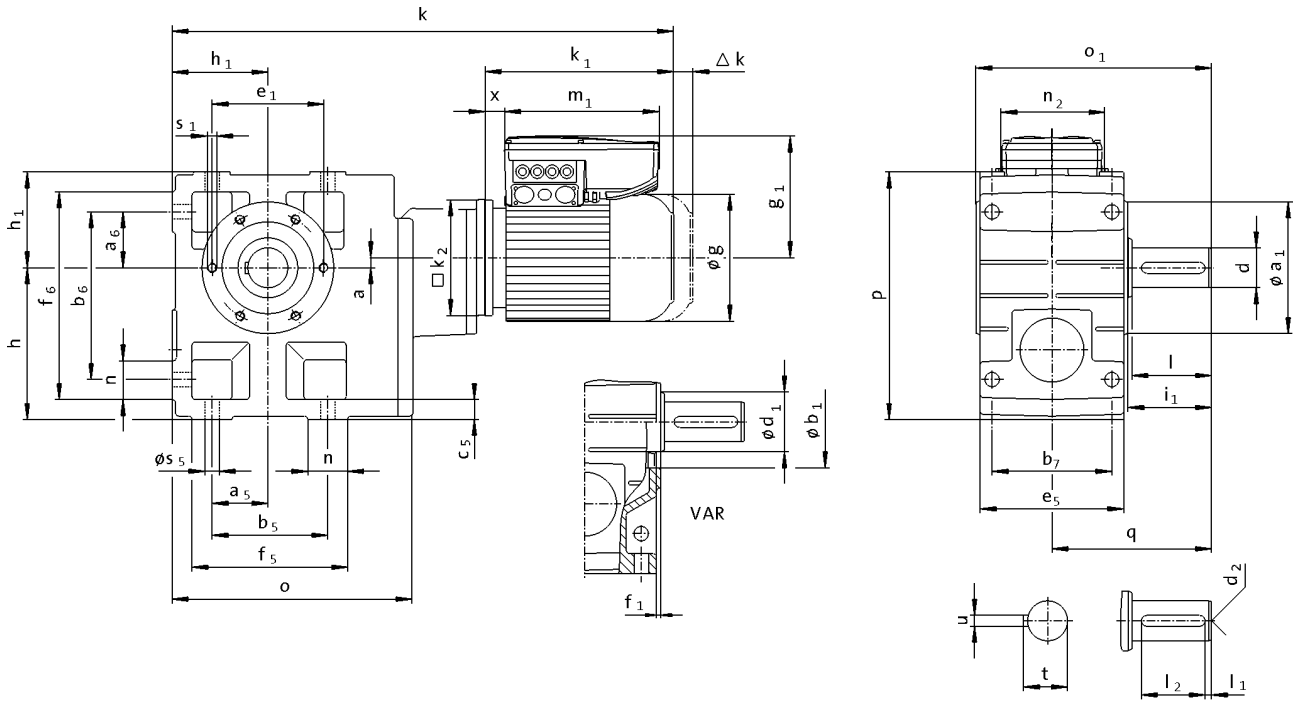
7

		063C32 063C42	071C32 071C42	080C32	080C42
g		123	139	156	
$g_{1,\ 120Hz}$		154	163	201	
k_1	MFEMAXX	187	207	224.5	
k_2		120		145	
x_{120Hz}		18.8	21	24.5	
$m_{1,\ 120Hz}$		241		260	
$n_{2,\ 120Hz}$		161		176	
Δ k	MFEMABR	40	52		
	MFFMAXX	128			
	MFFMABR	170	165		
		k			
GSS05		475			
GSS06		532	552	575	
GSS07		586	606	629	

	a	h	h_1	k_8	o	p	q
GSS05	13	125	80	40	209	205	103.5
GSS06	10	150	100	49	252	250	121.5
GSS07	12	190	120	65.5	299	310	155.5

	d	d_1	l	l_1	u	t	i_2	o_1	a_2	b_2	c_2	e_2	f_2	s_2
	H7				JS9	+0,2				j7				
GSS05	30 35	50 50	140 140	124 124	8 10	33.3 38.3	33 33	173.5 173.5	200	130	12	165	4	4 x 11
GSS06	40 45	65 65	160 160	140 140	12 14	43.3 48.8	42 41	201.5 201.5	250	180	15	215	4	4 x 14
GSS07	50 55	75 75	200 200	175 175	14 16	53.8 59.3	55 55	255.5 255.5	250 300	180 230	15 17	215 265	4 4	4 x 14 4 x 14

GSS□□-3M V□R


k
h 1
k 1
Δ k
e 1
x
m 1
s 1
g 1
h 1
a 6
□ k 2
ø g
f 6
b 6
a
h
n
c 5
ø s 5
n
a 5
b 5
f 5
o
ø d 1
ø b 1
VAR
f 1
o 1
n 2
d
ø a 1
p
l
i 1
b 7
e 5
q
d 2
u
t
l 2
l 1

7

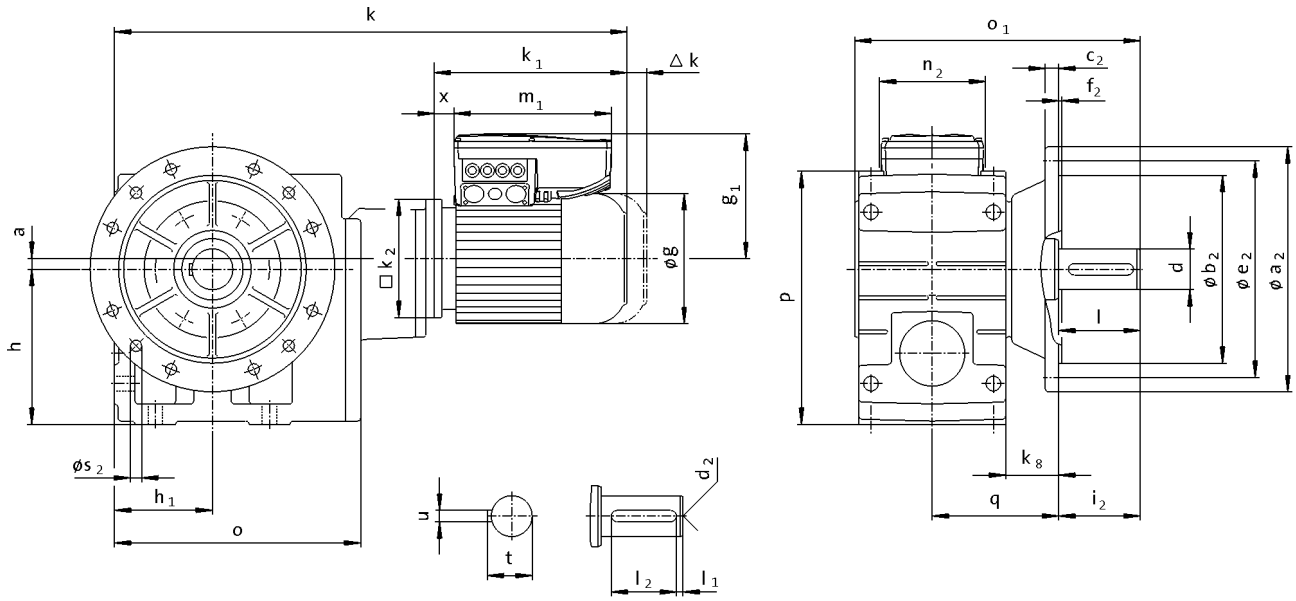
		063C32 063C42	071C32 071C42	080C32	080C42
g		123	139	156	
$g_{1, 120Hz}$		154	163	201	
k_1	MFEMAXX	187	207	224.5	
k_2		120		145	
x_{120Hz}		18.8	21	24.5	
$m_{1, 120Hz}$		241		260	
$n_{2, 120Hz}$		161		176	
Δ k	MFEMABR	40	52		
	MFFMAXX	128			
	MFFMABR	170	165		
		k			
GSS05		475			
GSS06		532	552	575	
GSS07		586	606	629	

	a	h	h_1	o	p	q
GSS05	13	125	80	209	205	130
GSS06	10	150	100	252	250	160
GSS07	12	190	120	299	310	200

	d	d_1	d_2	l	l_1	l_2	u	t	i_1	o_1	a_1	b_1	e_1	f_1	s_1
	k6											H7			
GSS05	30	45	M10	60	6	45	8	33	64	196.5	118	80	100	4	M8x15
GSS06	40	65	M16	80	7	63	12	43	85	235.5	140	100	120	4	M10x16
GSS07	50	75	M16	100	8	80	14	53.5	105	295.5	165	115	140	5	M12x18

	a_5	a_6	b_5	b_6	b_7	c_5	e_5	f_5	f_6	m	n	s_5
GSS05	47.5	47.5	95	140	105	17	127	124	169	21	29	11
GSS06	60	60	120	170	120	20	145	156	206	23	36	14
GSS07	70	70	140	210	150	25	180	185	255	28	45	18

GSS□□-3M VAK


k
k 1
Δ k
x
m 1
g 1
a
h
□ k 2
ø g
ø s 2
h 1
o
u
t
d 2
l 2
l 1
o 1
n 2
c 2
f 2
p
d
ø b 2
ø e 2
ø a 2
l
k 8
q
i 2

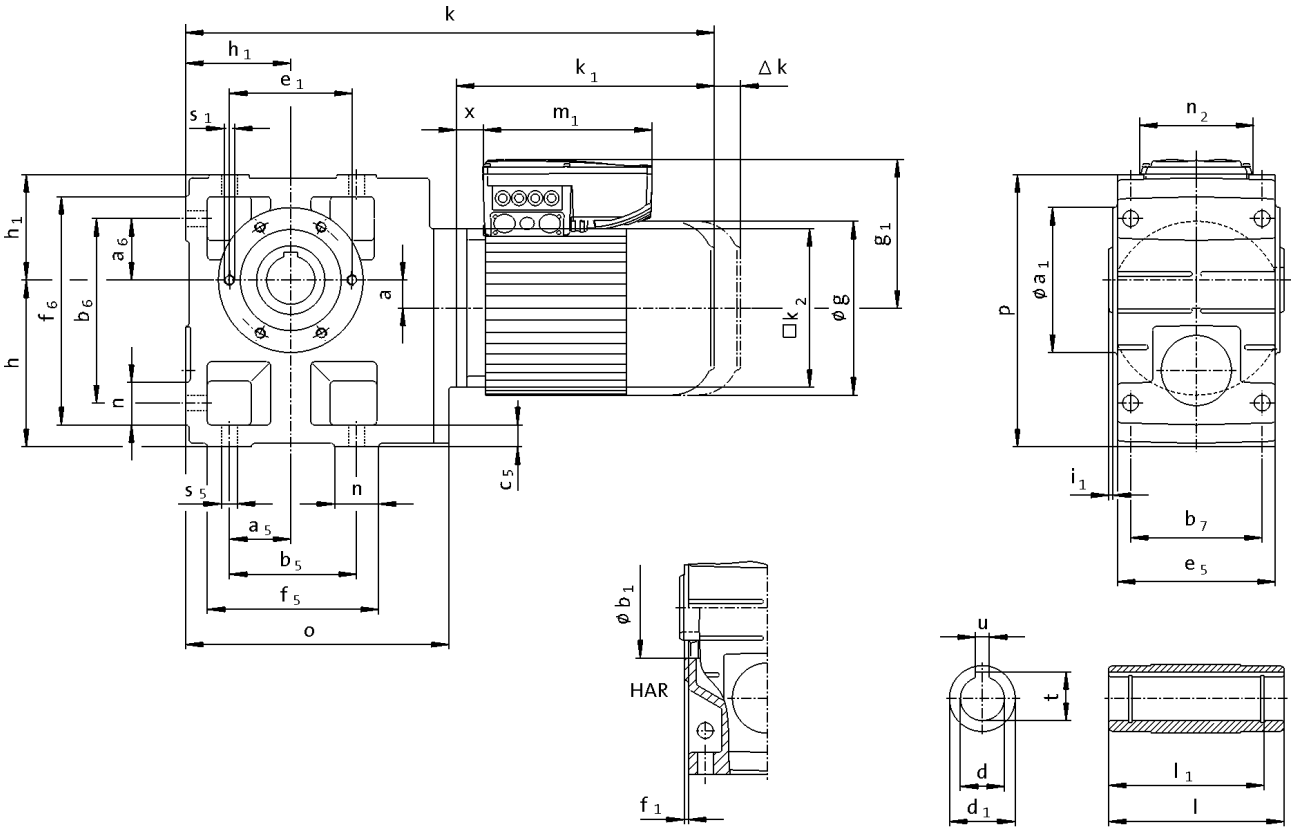
7

		063C32 063C42	071C32 071C42	080C32	080C42
g		123	139	156	
$g_{1,\ 120Hz}$		154	163	201	
k_1	MFEMAXX	187	207	224.5	
k_2		120		145	
x_{120Hz}		18.8	21	24.5	
$m_{1,\ 120Hz}$		241		260	
$n_{2,\ 120Hz}$		161		176	
Δ k	MFEMABR	40	52		
	MFFMAXX	128			
	MFFMABR	170	165		
		k			
GSS05		475			
GSS06		532	552	575	
GSS07		586	606	629	

	a	h	h_1	k_8	o	p	q
GSS05	13	125	80	40	209	205	103.5
GSS06	10	150	100	49	252	250	121.5
GSS07	12	190	120	65.5	299	310	155.5

	d	d_2	l	l_1	l_2	u	t	i_2	o_1	a_2	b_2	c_2	e_2	f_2	s_2
	k6										j7				
GSS05	30	M10	60	6	45	8	33	60	229.5	200	130	12	165	4	4 x 11
GSS06	40	M16	80	7	63	12	43	80	276.5	250	180	15	215	4	4 x 14
GSS07	50	M16	100	8	80	14	53.5	100	350.5	250 300	180 230	15 17	215 265	4 4	4 x 14 4 x 14

GSS□□-2M H□R


k
h 1
e 1
s 1
k 1
Δ k
x
m 1
h 1
a 6
f 6
b 6
h
n
a
□k 2
ø g
g 1
s 5
n
a 5
b 5
f 5
o
c 5
n 2
p
ø a 1
i 1
b 7
e 5
ø b 1
HAR
f 1
u
t
d
d 1
l 1
l

		080C32	090C12 090C32	100C12	100C32
g		156	176	194	
$g_{1, 50Hz}$		172	177	217	
$g_{1, 87Hz}$		172	205.5		
k_1	MHEMAXX	224.5	274	309	324
k_2		145		180	
x_{50Hz}		25.5	28.8	29.6	
x_{87Hz}		25.5	27.8		
$m_{1, 50Hz}$		241		260	
$m_{1, 87Hz}$		241	260		
$n_{2, 50Hz}$		161		176	
$n_{2, 87Hz}$		161	176		
Δ k	MHEMABR	73	68	76	
	MHFMAXX	128		109	
	MHFMABR	183	181	170	
		k			
GSS04		420	479		
GSS05		441	501	536	551
GSS06		481	541	576	591
GSS07		524	584	619	634

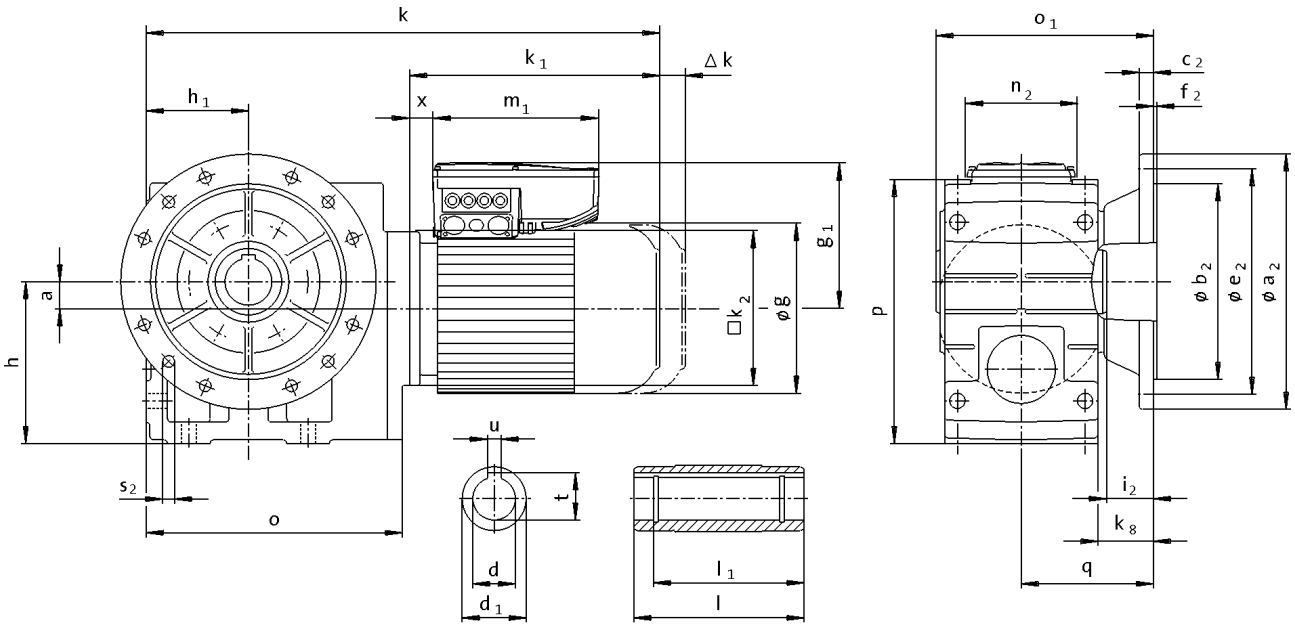
	a	h[1)]	h_1	o	p[1)]
GSS04	20	100	71	181	171
GSS05	23	125	80	212	205
GSS06	26	150	100	255	250
GSS07	33	190	120	305	310

	d	d_1	l[1)]	l_1	u	t	i_1	a_1	b_1	e_1	f_1	s_1
	H7				JS9	+0,2			H7			
GSS04	25 30	45 45	115 115	100 100	8 8	28.3 33.3	2.5 2.5	104	75	90	3	M6x12
GSS05	30 35	50 50	140 140	124 124	8 10	33.3 38.3	4 4	118	80	100	4	M8x15
GSS06	40 45	65 65	160 160	140 140	12 14	43.3 48.8	5 5	140	100	120	4	M10x16
GSS07	50 55	75 75	200 200	175 175	14 16	53.8 59.3	5 5	165	115	140	5	M12x18

	a_5	a_6	b_5	b_6	b_7	c_5	e_5	f_5	f_6	m	n	s_5
GSS04	45	45	90	119	85	14	100	112	141	20	22	9
GSS05	47.5	47.5	95	140	105	17	127	124	169	21	29	11
GSS06	60	60	120	170	120	20	145	156	206	23	36	14
GSS07	70	70	140	210	150	25	180	185	255	28	45	18

[1)] k_2 !

GSS□□-2M HAK


k
k 1
Δ k
h 1
x
m 1
g 1
a
h
□k 2
ø g
u
t
s 2
o
d
d 1
l 1
l
o 1
c 2
f 2
n 2
p
ø b 2
ø e 2
ø a 2
i 2
k 8
q

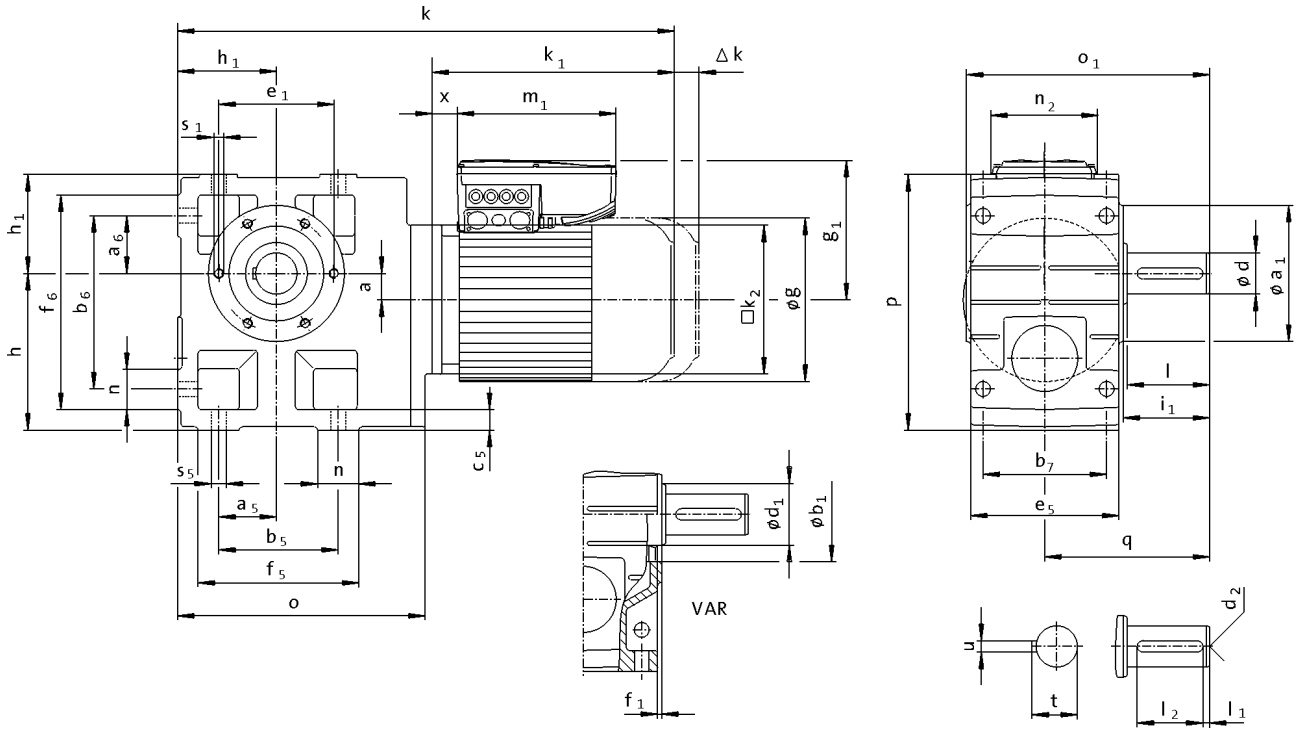
		080C32	090C12 090C32	100C12	100C32
g		156	176	194	
$g_{1, 50Hz}$		172	177	217	
$g_{1, 87Hz}$		172	205.5		
k_1	MHEMAXX	224.5	274	309	324
k_2		145		180	
x_{50Hz}		25.5	28.8	29.6	
x_{87Hz}		25.5	27.8		
$m_{1, 50Hz}$		241		260	
$m_{1, 87Hz}$		241	260		
$n_{2, 50Hz}$		161		176	
$n_{2, 87Hz}$		161	176		
Δ k	MHEMABR	73	68	76	
	MHFMAXX	128		109	
	MHFMABR	183	181	170	
		k			
GSS04		420	479		
GSS05		441	501	536	551
GSS06		481	541	576	591
GSS07		524	584	619	634

	a	h[1)]	h_1	k_8	o	p[1)]	q
GSS04	20	100	71	41	181	171	91
GSS05	23	125	80	40	212	205	103.5
GSS06	26	150	100	49	255	250	121.5
GSS07	33	190	120	65.5	305	310	155.5

	d	d_1	l	l_1	u	t	i_2	o_1[1)]	a_2	b_2	c_2	e_2	f_2	s_2
	H7				JS9	+0,2				j7				
GSS04	25 30	45 45	115 115	100 100	8 8	28.3 33.3	33 33	148.5 148.5	160	110	10	130	3.5	4 x 9
GSS05	30 35	50 50	140 140	124 124	8 10	33.3 38.3	33 33	173.5 173.5	200	130	12	165	4	4 x 11
GSS06	40 45	65 65	160 160	140 140	12 14	43.3 48.8	42 41	201.5 201.5	250	180	15	215	4	4 x 14
GSS07	50 55	75 75	200 200	175 175	14 16	53.8 59.3	55 55	255.5 255.5	250 300	180 230	15 17	215 265	4 4	4 x 14 4 x 14

[1)] k_2 !

GSS□□-2M V□R


k
h 1
k 1
Δ k
e 1
x
m 1
s 1
o 1
n 2
h 1
a 6
a
g 1
□k 2
øg
p
ø d
ø a 1
h
f 6
b 6
n
l
i 1
s 5
n
c 5
b 7
a 5
ø d 1
ø b 1
e 5
b 5
f 5
q
VAR
o
d 2
u
t
f 1
l 2
l 1

7

		080C32	090C12 090C32	100C12	100C32
g		156	176	194	
$g_{1, 50Hz}$		172	177	217	
$g_{1, 87Hz}$		172	205.5		
k_1	MHEMAXX	224.5	274	309	324
k_2		145		180	
x_{50Hz}		25.5	28.8	29.6	
x_{87Hz}		25.5	27.8		
$m_{1, 50Hz}$		241		260	
$m_{1, 87Hz}$		241	260		
$n_{2, 50Hz}$		161		176	
$n_{2, 87Hz}$		161	176		
Δ k	MHEMABR	73	68	76	
	MHFMAXX	128		109	
	MHFMABR	183	181	170	
		k			
GSS04		420	479		
GSS05		441	501	536	551
GSS06		481	541	576	591
GSS07		524	584	619	634

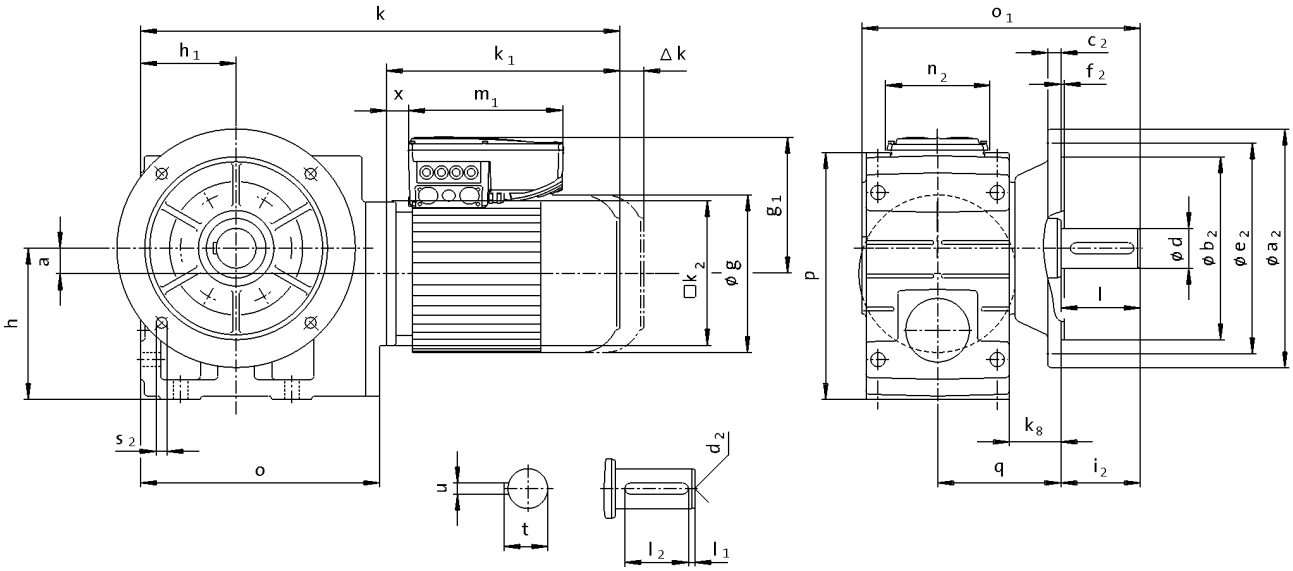
	a	$h^{1)}$	h_1	o	$p^{1)}$	q
GSS04	20	100	71	181	171	107.5
GSS05	23	125	80	212	205	130
GSS06	26	150	100	255	250	160
GSS07	33	190	120	305	310	200

	d	d_1	d_2	l	l_1	l_2	u	t	i_1	$o_1^{1)}$	a_1	b_1	e_1	f_1	s_1
	k6											H7			
GSS04	25	45	M10	50	6	40	8	28	52.5	162.5	104	75	90	3	M6x12
GSS05	30	45	M10	60	6	45	8	33	64	196.5	118	80	100	4	M8x15
GSS06	40	65	M16	80	7	63	12	43	85	235.5	140	100	120	4	M10x16
GSS07	50	75	M16	100	8	80	14	53.5	105	295.5	165	115	140	5	M12x18

	a_5	a_6	b_5	b_6	b_7	c_5	e_5	f_5	f_6	m	n	s_5
GSS04	45	45	90	119	85	14	100	112	141	20	22	9
GSS05	47.5	47.5	95	140	105	17	127	124	169	21	29	11
GSS06	60	60	120	170	120	20	145	156	206	23	36	14
GSS07	70	70	140	210	150	25	180	185	255	28	45	18

[1)] k_2 !

GSS□□-2M VAK


k
h 1
k 1
Δ k
x
m 1
o 1
c 2
n 2
f 2
g 1
a
h
□k 2
ø g
p
ø d
ø b 2
ø e 2
ø a 2
l
s 2
o
k 8
q
i 2
u
t
d 2
l 2
l 1

7

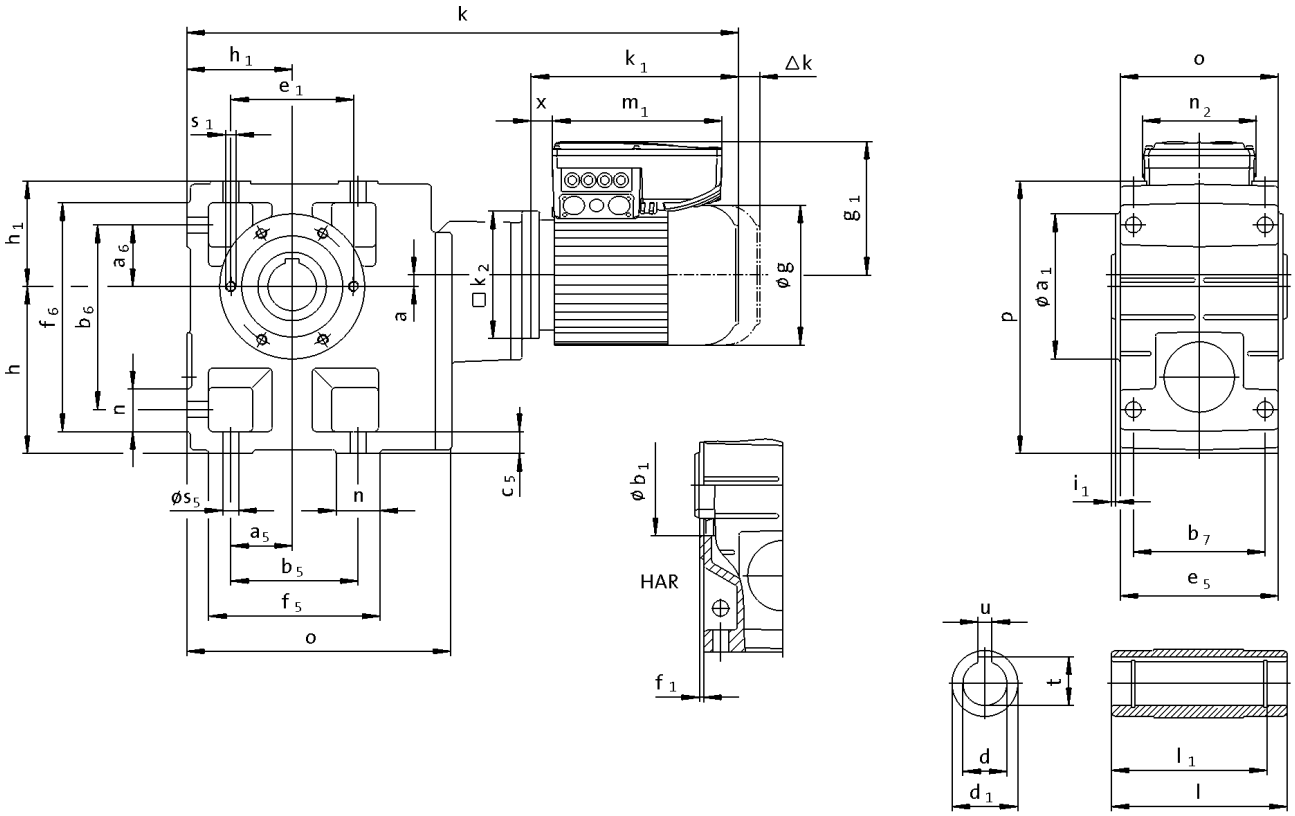
		080C32	090C12 090C32	100C12	100C32
g		156	176	194	
$g_{1, 50Hz}$		172	177	217	
$g_{1, 87Hz}$		172	205.5		
k_1	MHEMAXX	224.5	274	309	324
k_2		145		180	
x_{50Hz}		25.5	28.8	29.6	
x_{87Hz}		25.5	27.8		
$m_{1, 50Hz}$		241		260	
$m_{1, 87Hz}$		241	260		
$n_{2, 50Hz}$		161		176	
$n_{2, 87Hz}$		161	176		
Δ k	MHEMABR	73	68	76	
	MHFMAXX	128		109	
	MHFMABR	183	181	170	
		k			
GSS04		420	479		
GSS05		441	501	536	551
GSS06		481	541	576	591
GSS07		524	584	619	634

	a	h[1)]	h_1	k_8	o	p[1)]	q
GSS04	20	100	71	41	181	171	91
GSS05	23	125	80	40	212	205	103.5
GSS06	26	150	100	49	255	250	121.5
GSS07	33	190	120	65.5	305	310	155.5

	d	d_2	l	l_1	l_2	u	t	i_2	o_1[1)]	a_2	b_2	c_2	e_2	f_2	s_2
	k6										j7				
GSS04	25	M10	50	6	40	8	28	50	195.5	160	110	10	130	3.5	4 x 9
GSS05	30	M10	60	6	45	8	33	60	229.5	200	130	12	165	4	4 x 11
GSS06	40	M16	80	7	63	12	43	80	276.5	250	180	15	215	4	4 x 14
GSS07	50	M16	100	8	80	14	53.5	100	350.5	250 300	180 230	15 17	215 265	4 4	4 x 14 4 x 14

[1)] k_2 !

GSS□□-3M H□R


k
h 1
e 1
s 1
k 1
△k
x
m 1
g 1
h 1
a 6
f 6
b 6
h
n
a
□k 2
ø g
c 5
ø s 5
a 5
b 5
f 5
o
n
HAR
ø b 1
f 1
o
n 2
p
ø a 1
i 1
b 7
e 5
u
t
d
d 1
l 1
l

7

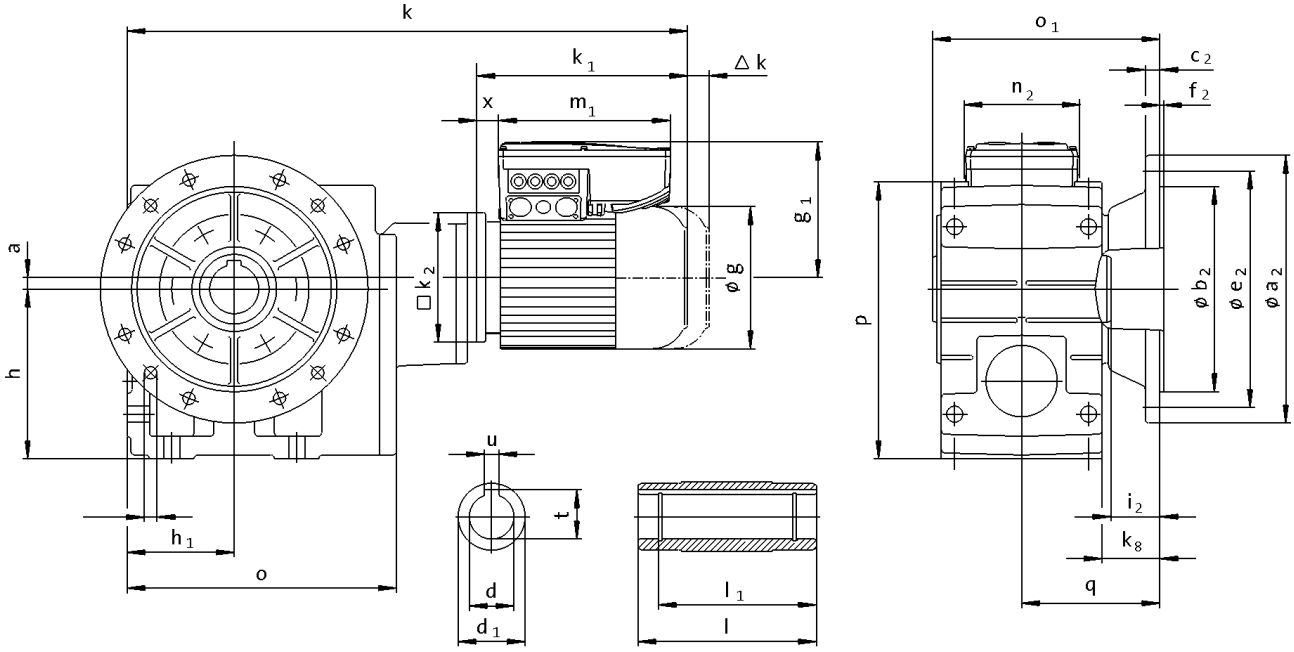
		080C32	090C12	090C32	100C12
g		156	176		194
$g_{1, 50Hz}$		172	177		217
$g_{1, 87Hz}$		172	205.5		
k_1	MHEMAXX	224.5	274		309
k_2		145	180		
x_{50Hz}		25.5	28.8		29.6
x_{87Hz}		25.5	27.8		
$m_{1, 50Hz}$		241			260
$m_{1, 87Hz}$		241	260		
$n_{2, 50Hz}$		161			176
$n_{2, 87Hz}$		161	176		
Δ k	MHEMABR	73	68		76
	MHFMAXX	128			109
	MHFMABR	183	181		170
		k			
GSS06		575	634		
GSS07		629	688		723

	a	h	h_1	o	p
GSS06	10	150	100	252	250
GSS07	12	190	120	299	310

	d	d_1	l	l_1	u	t	i_1	a_1	b_1	e_1	f_1	s_1
	H7				JS9	+0,2			H7			
GSS06	40 45	65 65	160 160	140 140	12 14	43.3 48.8	5 5	140	100	120	4	M10x16
GSS07	50 55	75 75	200 200	175 175	14 16	53.8 59.3	5 5	165	115	140	5	M12x18

	a_5	a_6	b_5	b_6	b_7	c_5	e_5	f_5	f_6	m	n	s_5
GSS06	60	60	120	170	120	20	145	156	206	23	36	14
GSS07	70	70	140	210	150	25	180	185	255	28	45	18

GSS□□-3M HAK

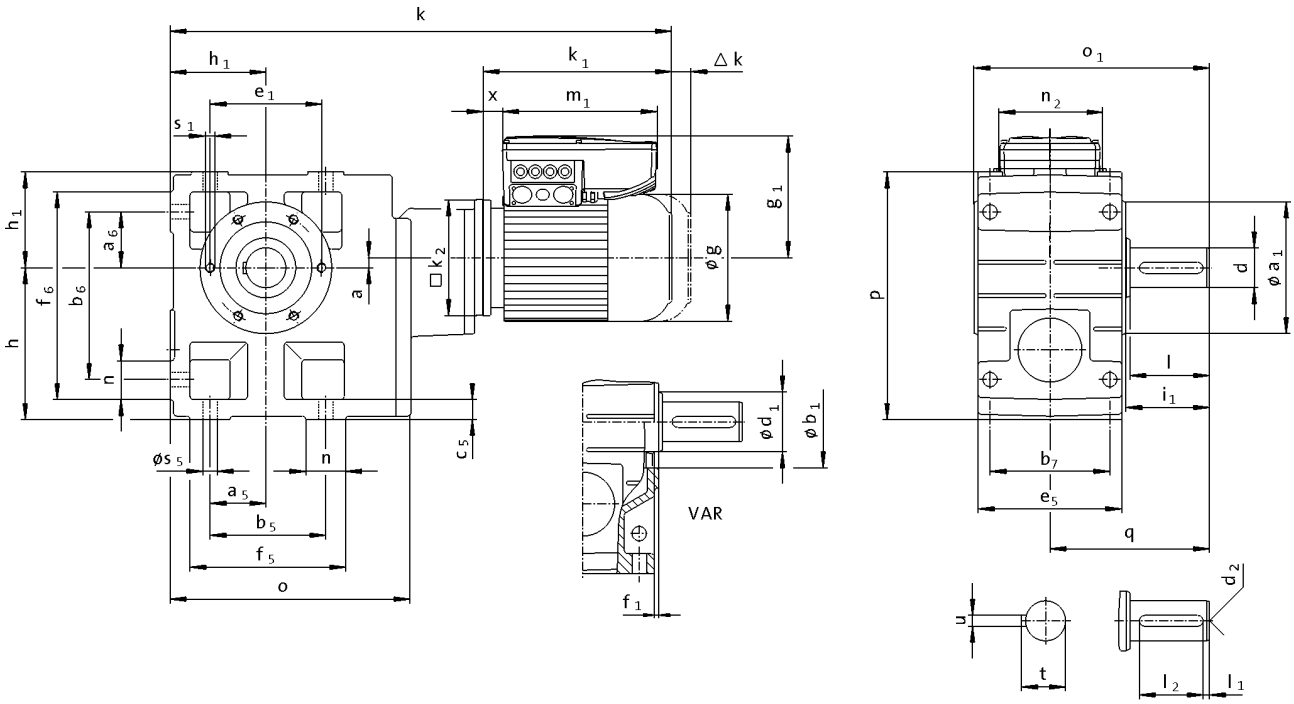

k
k 1
Δ k
x
m 1
g 1
a
h
□ k 2
ø g
u
t
h 1
o
d
d 1
l 1
l
o 1
c 2
n 2
f 2
p
ø b 2
ø e 2
ø a 2
i 2
k 8
q

		080C32	090C12	090C32	100C12
g		156	176		194
$g_{1, 50Hz}$		172	177		217
$g_{1, 87Hz}$		172	205.5		
k_1	MHEMAXX	224.5	274		309
k_2		145	180		
x_{50Hz}		25.5	28.8		29.6
x_{87Hz}		25.5	27.8		
$m_{1, 50Hz}$		241			260
$m_{1, 87Hz}$		241	260		
$n_{2, 50Hz}$		161			176
$n_{2, 87Hz}$		161	176		
Δ k	MHEMABR	73	68		76
	MHFMAXX	128			109
	MHFMABR	183	181		170
		k			
GSS06		575	634		
GSS07		629	688		723

	a	h	h_1	k_8	o	p	q
GSS06	10	150	100	49	252	250	121.5
GSS07	12	190	120	65.5	299	310	155.5

	d	d_1	l	l_1	u	t	i_2	o_1	a_2	b_2	c_2	e_2	f_2	s_2
	H7				JS9	+0,2				j7				
GSS06	40 45	65 65	160 160	140 140	12 14	43.3 48.8	42 41	201.5 201.5	250	180	15	215	4	4 x 14
GSS07	50 55	75 75	200 200	175 175	14 16	53.8 59.3	55 55	255.5 255.5	250 300	180 230	15 17	215 265	4 4	4 x 14 4 x 14

GSS□□-3M V□R


k
h 1
k 1
△ k
e 1
x
m 1
s 1
g 1
h 1
a 6
□ k 2
ø g
f 6
b 6
a
h
n
c 5
ø s 5
n
a 5
b 5
f 5
o
ø d 1
ø b 1
VAR
f 1
o 1
n 2
d
ø a 1
p
l
i 1
b 7
e 5
q
d 2
u
t
l 2
l 1

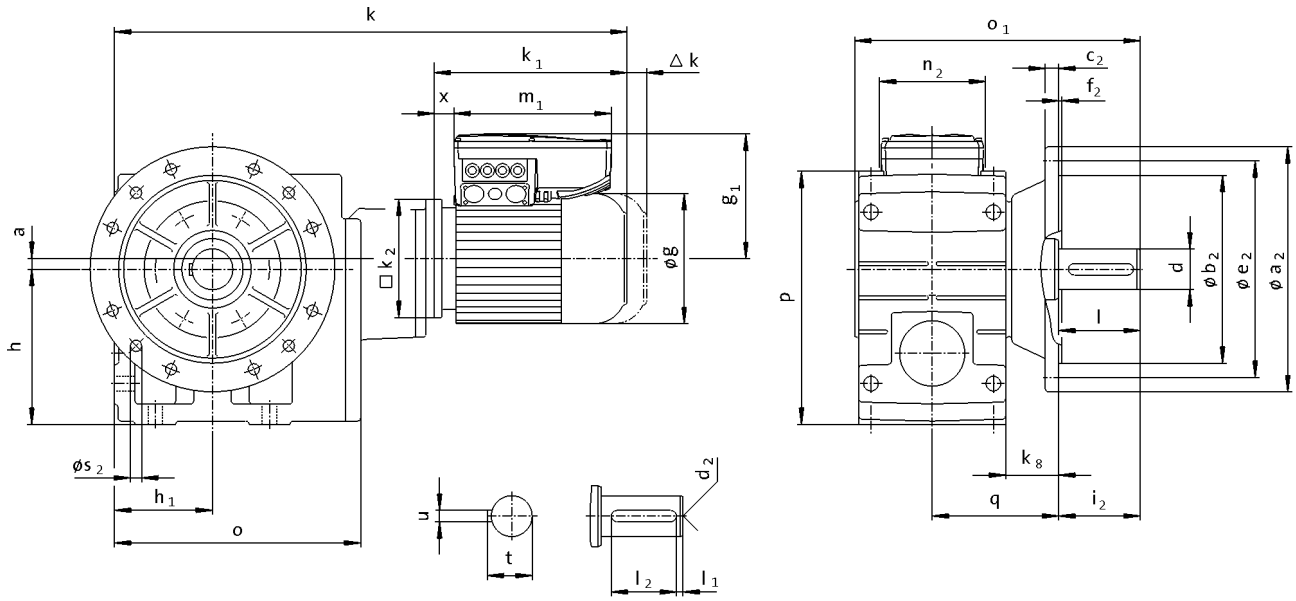
		080C32	090C12	090C32	100C12
g		156	176		194
$g_{1, 50Hz}$		172	177		217
$g_{1, 87Hz}$		172	205.5		
k_1	MHEMAXX	224.5	274		309
k_2		145	180		
x_{50Hz}		25.5	28.8		29.6
x_{87Hz}		25.5	27.8		
$m_{1, 50Hz}$		241			260
$m_{1, 87Hz}$		241	260		
$n_{2, 50Hz}$		161			176
$n_{2, 87Hz}$		161	176		
Δ k	MHEMABR	73	68		76
	MHFMAXX	128			109
	MHFMABR	183	181		170
		k			
GSS06		575	634		
GSS07		629	688		723

	a	h	h_1	o	p	q
GSS06	10	150	100	252	250	160
GSS07	12	190	120	299	310	200

	d	d_1	d_2	l	l_1	l_2	u	t	i_1	o_1	a_1	b_1	e_1	f_1	s_1
	k6											H7			
GSS06	40	65	M16	80	7	63	12	43	85	235.5	140	100	120	4	M10x16
GSS07	50	75	M16	100	8	80	14	53.5	105	295.5	165	115	140	5	M12x18

	a_5	a_6	b_5	b_6	b_7	c_5	e_5	f_5	f_6	m	n	s_5
GSS06	60	60	120	170	120	20	145	156	206	23	36	14
GSS07	70	70	140	210	150	25	180	185	255	28	45	18

GSS□□-3M VAK


k
k 1
Δ k
x
m 1
g 1
a
h
□ k 2
ø g
ø s 2
h 1
o
u
t
d 2
l 2
l 1
o 1
n 2
c 2
f 2
p
d
ø b 2
ø e 2
ø a 2
l
k 8
q
i 2

		080C32	090C12	090C32	100C12
g		156	176		194
$g_{1, 50Hz}$		172	177		217
$g_{1, 87Hz}$		172	205.5		
k_1	MHEMAXX	224.5	274		309
k_2		145	180		
x_{50Hz}		25.5	28.8		29.6
x_{87Hz}		25.5	27.8		
$m_{1, 50Hz}$		241			260
$m_{1, 87Hz}$		241	260		
$n_{2, 50Hz}$		161			176
$n_{2, 87Hz}$		161	176		
Δ k	MHEMABR	73	68		76
	MHFMAXX	128			109
	MHFMABR	183	181		170
		k			
GSS06		575	634		
GSS07		629	688		723

	a	h	h_1	k_8	o	p	q
GSS06	10	150	100	49	252	250	121.5
GSS07	12	190	120	65.5	299	310	155.5

	d	d_2	l	l_1	l_2	u	t	i_2	o_1	a_2	b_2	c_2	e_2	f_2	s_2
	k6										j7				
GSS06	40	M16	80	7	63	12	43	80	276.5	250	180	15	215	4	4 x 14
GSS07	50	M16	100	8	80	14	53.5	100	350.5	250 300	180 230	15 17	215 265	4 4	4 x 14 4 x 14

GSS□□-2M HAR / HBR

			063C32	063C42	071C32
GSS04	m	[kg]	16		18
GSS05	m	[kg]		26	27
GSS06	m	[kg]		38	39

			071C42	080C32 080C42	090C32	100C12 100C32
GSS04	m	[kg]	18	23	28	
GSS05	m	[kg]	28	32	37	46
GSS06	m	[kg]	40	45	50	59
GSS07	m	[kg]		70	75	84

GSS□□-2M HAK

			063C32	063C42	071C32
GSS04	m	[kg]	18	19	20
GSS05	m	[kg]		30	31
GSS06	m	[kg]		45	46

			071C42	080C32 080C42	090C32	100C12 100C32
GSS04	m	[kg]	21	26	30	
GSS05	m	[kg]	32	36	41	50
GSS06	m	[kg]	47	52	57	66
GSS07	m	[kg]		81	86	95

- Weights with oil filling for mounting position A, all values are approximate.
  The weights relate to the basic version without 8400 motec
  Note the additional weights (for 8400 motec and motor options).

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GSS□□-2M VAR / VBR

			063C32	063C42	071C32
GSS04	m	[kg]	16	17	18
GSS05	m	[kg]		27	28
GSS06	m	[kg]		40	42

			071C42	080C32 080C42	090C32	100C12 100C32
GSS04	m	[kg]	19	24	28	
GSS05	m	[kg]	29	33	38	47
GSS06	m	[kg]	42	47	52	61
GSS07	m	[kg]		75	80	89

GSS□□-2M VAK

			063C32	063C42	071C32
GSS04	m	[kg]	19		21
GSS05	m	[kg]		31	32
GSS06	m	[kg]		47	49

			071C42	080C32 080C42	090C32	100C12 100C32
GSS04	m	[kg]	21	26	31	
GSS05	m	[kg]	33	37	42	51
GSS06	m	[kg]	49	54	59	68
GSS07	m	[kg]		86	91	100

- Weights with oil filling for mounting position A, all values are approximate.
  The weights relate to the basic version without 8400 motec
  Note the additional weights (for 8400 motec and motor options).

GSS□□-2M SAR / SBR

			063C32	063C42	071C32
GSS04	m	[kg]	16	17	18
GSS05	m	[kg]		26	28
GSS06	m	[kg]		39	40

			071C42	080C32 080C42	090C32	100C12 100C32
GSS04	m	[kg]	19	24	28	
GSS05	m	[kg]	29	33	38	47
GSS06	m	[kg]	41	46	51	60
GSS07	m	[kg]		71	76	85

GSS□□-2M SAK

			063C32	063C42	071C32
GSS04	m	[kg]	19		21
GSS05	m	[kg]		30	32
GSS06	m	[kg]		46	47

			071C42	080C32 080C42	090C32	100C12 100C32
GSS04	m	[kg]	21	26	31	
GSS05	m	[kg]	33	37	42	51
GSS06	m	[kg]	48	53	58	67
GSS07	m	[kg]		82	87	96

- Weights with oil filling for mounting position A, all values are approximate.
  The weights relate to the basic version without 8400 motec
  Note the additional weights (for 8400 motec and motor options).

7

GSS□□-3M HAR / HBR

			063C32	063C42	071C32
GSS05	m	[kg]	26		28
GSS06	m	[kg]	41	42	43
GSS07	m	[kg]		71	72

			071C42	080C32 080C42	090C32	100C12
GSS05	m	[kg]	28			
GSS06	m	[kg]	44	49		
GSS07	m	[kg]	73	78	82	91

GSS□□-3M HAK

			063C32	063C42	071C32
GSS05	m	[kg]	30		32
GSS06	m	[kg]	48	49	50
GSS07	m	[kg]		82	83

			071C42	080C32 080C42	090C32	100C12
GSS05	m	[kg]	32			
GSS06	m	[kg]	51	56		
GSS07	m	[kg]	84	89	93	102

► Weights with oil filling for mounting position A, all values are approximate.
The weights relate to the basic version without 8400 motec
Note the additional weights (for 8400 motec and motor options).

GSS□□-3M VAR / VBR

			063C32	063C42	071C32
GSS05	m	[kg]	27		29
GSS06	m	[kg]	44		46
GSS07	m	[kg]		76	77

			071C42	080C32 080C42	090C32	100C12
GSS05	m	[kg]	29			
GSS06	m	[kg]	46	51		
GSS07	m	[kg]	78	83	87	96

GSS□□-3M VAK

			063C32	063C42	071C32
GSS05	m	[kg]	31		33
GSS06	m	[kg]	51		53
GSS07	m	[kg]		87	88

			071C42	080C32 080C42	090C32	100C12
GSS05	m	[kg]	33			
GSS06	m	[kg]	53	58		
GSS07	m	[kg]	89	94	98	107

► Weights with oil filling for mounting position A, all values are approximate.
The weights relate to the basic version without 8400 motec
Note the additional weights (for 8400 motec and motor options).

GSS□□-3M SAR / SBR

			063C32	063C42	071C32
GSS05	m	[kg]	27		29
GSS06	m	[kg]	42	43	44
GSS07	m	[kg]		72	74

			071C42	080C32 080C42	090C32	100C12
GSS05	m	[kg]	29			
GSS06	m	[kg]	45	50		
GSS07	m	[kg]	74	79	84	93

GSS□□-3M SAK

			063C32	063C42	071C32
GSS05	m	[kg]	31		33
GSS06	m	[kg]	49	50	51
GSS07	m	[kg]		83	85

			071C42	080C32 080C42	090C32	100C12
GSS05	m	[kg]	33			
GSS06	m	[kg]	52	57		
GSS07	m	[kg]	85	90	95	104

► Weights with oil filling for mounting position A, all values are approximate.
The weights relate to the basic version without 8400 motec
Note the additional weights (for 8400 motec and motor options).

GSS□□-2M HAR / HBR

			063C32	063C42	071C32 071C42	080C32 080C42
GSS04	m	[kg]	16		18	23
GSS05	m	[kg]	26		28	32
GSS06	m	[kg]		38	40	45
GSS07	m	[kg]				70

GSS□□-2M HAK

			063C32	063C42	071C32 071C42	080C32 080C42
GSS04	m	[kg]	19		21	26
GSS05	m	[kg]	30		32	36
GSS06	m	[kg]		45	47	52
GSS07	m	[kg]				81

GSS□□-2M VAR / VBR

			063C32	063C42	071C32 071C42	080C32 080C42
GSS04	m	[kg]	17		19	24
GSS05	m	[kg]	27		29	33
GSS06	m	[kg]		40	42	47
GSS07	m	[kg]				75

GSS□□-2M VAK

			063C32	063C42	071C32 071C42	080C32 080C42
GSS04	m	[kg]	19		21	26
GSS05	m	[kg]	31		33	37
GSS06	m	[kg]		47	49	54
GSS07	m	[kg]				86

► Weights with oil filling for mounting position A, all values are approximate.
The weights relate to the basic version without 8400 motec
Note the additional weights (for 8400 motec and motor options).

GSS□□-2M SAR / SBR

			063C32	063C42	071C32 071C42	080C32 080C42
GSS04	m	[kg]	17		19	24
GSS05	m	[kg]	26		29	33
GSS06	m	[kg]		39	41	46
GSS07	m	[kg]				71

GSS□□-2M SAK

			063C32	063C42	071C32 071C42	080C32 080C42
GSS04	m	[kg]	19		21	26
GSS05	m	[kg]	30		33	37
GSS06	m	[kg]		46	48	53
GSS07	m	[kg]				82

- Weights with oil filling for mounting position A, all values are approximate.
  The weights relate to the basic version without 8400 motec
  Note the additional weights (for 8400 motec and motor options).

GSS□□-3M HAR / HBR

			063C32 063C42	071C32 071C42	080C32	080C42
GSS05	m	[kg]	26			
GSS06	m	[kg]	42	44	49	
GSS07	m	[kg]	71	73	78	

GSS□□-3M HAK

			063C32 063C42	071C32 071C42	080C32	080C42
GSS05	m	[kg]	30			
GSS06	m	[kg]	49	51	56	
GSS07	m	[kg]	82	84	89	

GSS□□-3M VAR / VBR

			063C32 063C42	071C32 071C42	080C32	080C42
GSS05	m	[kg]	27			
GSS06	m	[kg]	44	46	51	
GSS07	m	[kg]	76	78	83	

GSS□□-3M VAK

			063C32 063C42	071C32 071C42	080C32	080C42
GSS05	m	[kg]	31			
GSS06	m	[kg]	51	53	58	
GSS07	m	[kg]	87	89	94	

► Weights with oil filling for mounting position A, all values are approximate.
The weights relate to the basic version without 8400 motec
Note the additional weights (for 8400 motec and motor options).

GSS□□-3M SAR / SBR

			063C32 063C42	071C32 071C42	080C32	080C42
GSS05	m	[kg]	27			
GSS06	m	[kg]	43	45	50	
GSS07	m	[kg]	72	74	79	

GSS□□-3M SAK

			063C32 063C42	071C32 071C42	080C32	080C42
GSS05	m	[kg]	31			
GSS06	m	[kg]	50	52	57	
GSS07	m	[kg]	83	85	90	

- Weights with oil filling for mounting position A, all values are approximate.
  The weights relate to the basic version without 8400 motec
  Note the additional weights (for 8400 motec and motor options).

GSS□□-2M HAR / HBR

			080C32	090C12	090C32	100C12	100C32
GSS04	m	[kg]	23	29	31		
GSS05	m	[kg]	32	38	40	46	49
GSS06	m	[kg]	45	51	53	59	61
GSS07	m	[kg]	70	76	78	84	86

GSS□□-2M HAK

			080C32	090C12	090C32	100C12	100C32
GSS04	m	[kg]	26	31	33		
GSS05	m	[kg]	36	42	44	50	53
GSS06	m	[kg]	52	58	60	66	68
GSS07	m	[kg]	81	87	89	95	97

GSS□□-2M VAR / VBR

			080C32	090C12	090C32	100C12	100C32
GSS04	m	[kg]	24	29	31		
GSS05	m	[kg]	33	39	41	47	50
GSS06	m	[kg]	47	53	55	61	64
GSS07	m	[kg]	75	81	83	89	91

GSS□□-2M VAK

			080C32	090C12	090C32	100C12	100C32
GSS04	m	[kg]	26	32	34		
GSS05	m	[kg]	37	43	45	51	54
GSS06	m	[kg]	54	60	62	68	71
GSS07	m	[kg]	86	92	94	100	102

► Weights with oil filling for mounting position A, all values are approximate.
The weights relate to the basic version without 8400 motec
Note the additional weights (for 8400 motec and motor options).

GSS□□-2M SAR / SBR

			080C32	090C12	090C32	100C12	100C32
GSS04	m	[kg]	24	29	31		
GSS05	m	[kg]	33	39	41	47	50
GSS06	m	[kg]	46	52	54	60	62
GSS07	m	[kg]	71	77	79	85	88

GSS□□-2M SAK

			080C32	090C12	090C32	100C12	100C32
GSS04	m	[kg]	26	32	34		
GSS05	m	[kg]	37	43	45	51	54
GSS06	m	[kg]	53	59	61	67	69
GSS07	m	[kg]	82	88	90	96	99

► Weights with oil filling for mounting position A, all values are approximate.
The weights relate to the basic version without 8400 motec
Note the additional weights (for 8400 motec and motor options).

GSS□□-3M HAR / HBR

			080C32	090C12	090C32	100C12
GSS06	m	[kg]	49	54		
GSS07	m	[kg]	78	83	85	91

GSS□□-3M HAK

			080C32	090C12	090C32	100C12
GSS06	m	[kg]	56	61		
GSS07	m	[kg]	89	94	96	102

GSS□□-3M VAR / VBR

			080C32	090C12	090C32	100C12
GSS06	m	[kg]	51	57		
GSS07	m	[kg]	83	88	90	96

GSS□□-3M VAK

			080C32	090C12	090C32	100C12
GSS06	m	[kg]	58	64		
GSS07	m	[kg]	94	99	101	107

- Weights with oil filling for mounting position A, all values are approximate.
  The weights relate to the basic version without 8400 motec
  Note the additional weights (for 8400 motec and motor options).

GSS□□-3M SAR / SBR

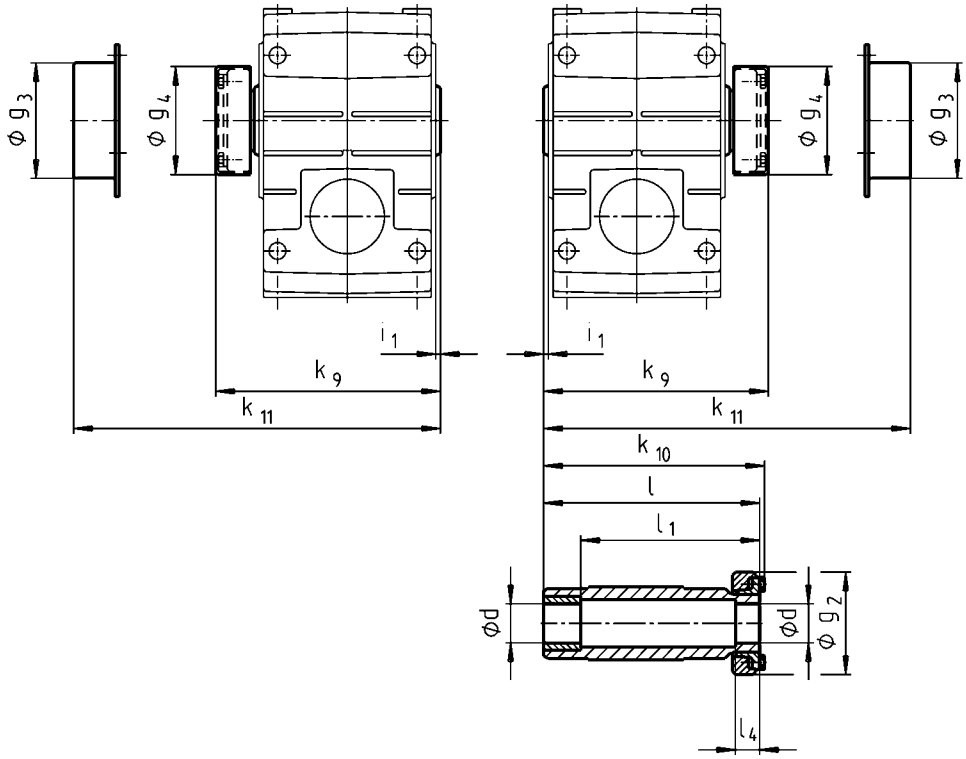
			080C32	090C12	090C32	100C12
GSS06	m	[kg]	50	55		
GSS07	m	[kg]	79	85	87	93

GSS□□-3M SAK

			080C32	090C12	090C32	100C12
GSS06	m	[kg]	57	62		
GSS07	m	[kg]	90	96	98	104

- Weights with oil filling for mounting position A, all values are approximate.
  The weights relate to the basic version without 8400 motec
  Note the additional weights (for 8400 motec and motor options).

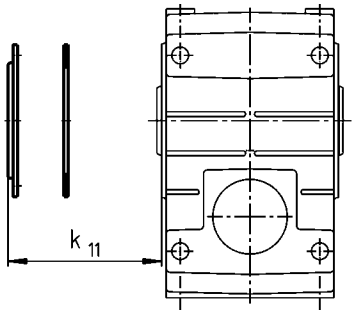
Hollow shaft with shrink disc



	d	g_2	g_3	g_4	i_1	k_9	k_{10}	k_{11}	l	l_1	l_4
	h6										
GSS04	25 30	72	79	76	2.5	150	148	154	142	122	26
GSS05	35	80	90	84	4.0	176	174	179	168	148	28
GSS06	40	90	100	94	5.0	202	200	204	194	164	30
GSS07	50	110	124	116		241	238	244	232	192	26

- Output flange and hollow shaft with shrink disc (output version SAK) are not possible in the same location. For additional dimensions see output version H□□.
- Ensure that the strength of the machine shaft material is adequate in shrink disc designs.
  When using typical steels (e.g. C45, 42CrMo4), the torques listed in the selection tables can be used without restriction. Please consult us if you wish to use material that is considerably weaker. Medium surface roughness Rz must not exceed 15 µm (turning is sufficient).

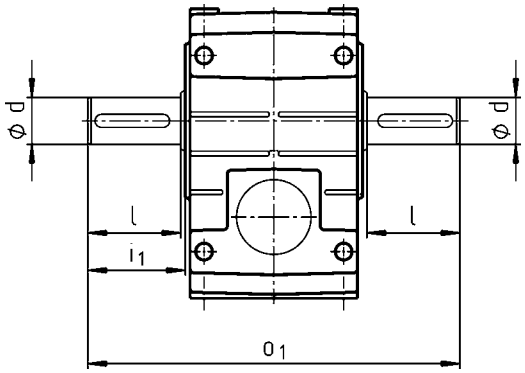
Hoseproof hollow shaft cover



► Cover including gasket

	k_{11}
	[mm]
GSS04	9
GSS05	10
GSS06	11
GSS07	

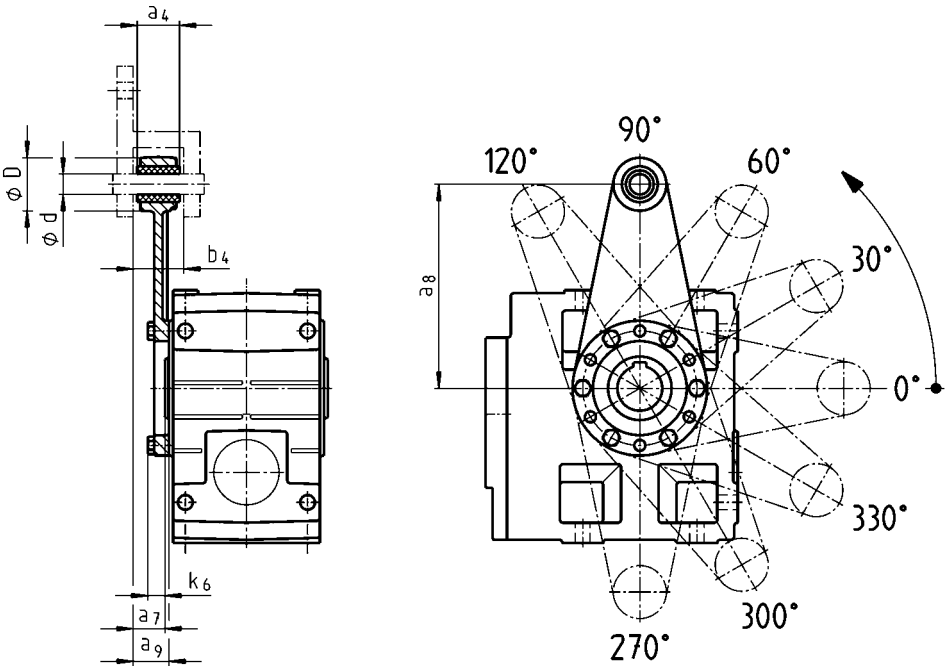
Gearbox with 2nd output shaft end



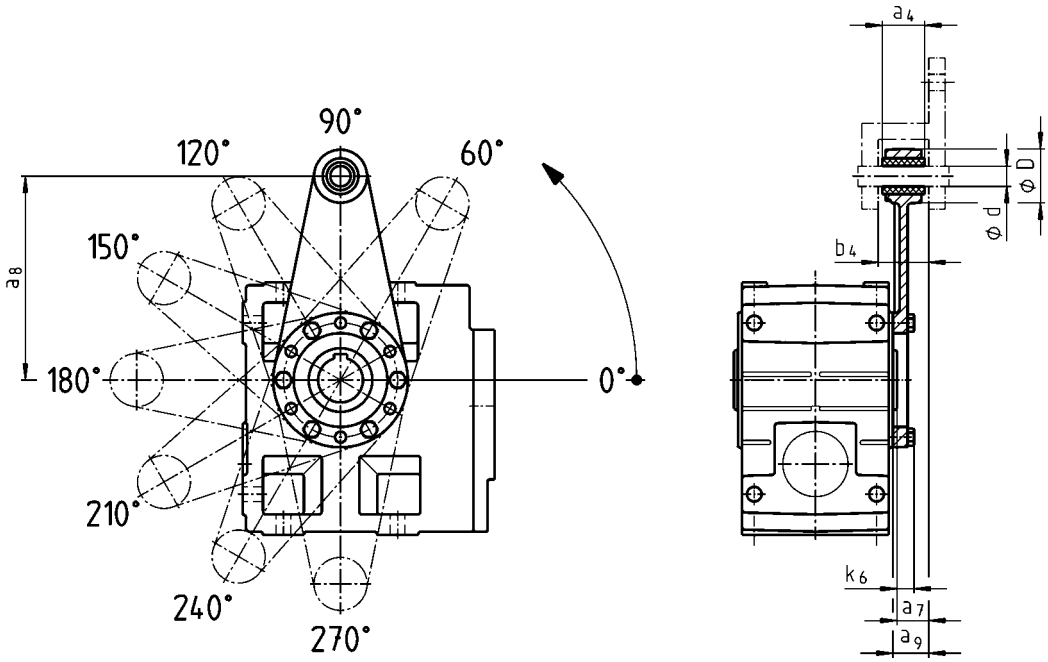
	d	l	i_1	o_1
	k6			
	[mm]	[mm]	[mm]	[mm]
GSS04	25	50	52.5	215
GSS05	30	60	64.0	260
GSS06	40	80	85.0	320
GSS07	50	100	105.0	400

Torque plate on threaded pitch circle

In position 3



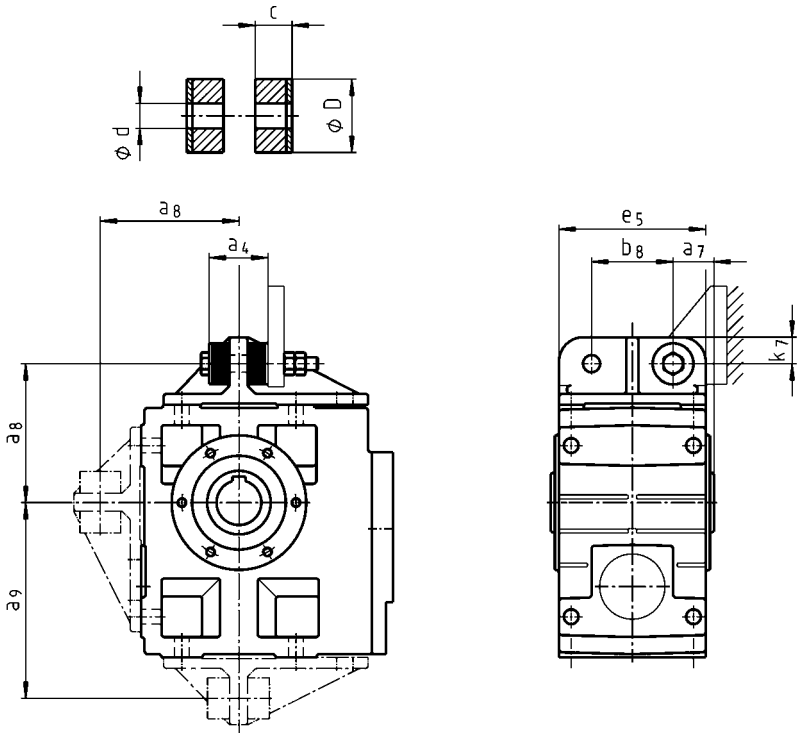
In position 5



	a_4	a_7	a_8	a_9	b_4	d	D	k_6
GSS04	30	24.0	130	26.5	34.5	12	35	16
GSS05	34	23.5	160	27.5	38.5	16	45	15
GSS06	40	28.0	200	33.0	44.5	20	50	18
GSS07	46	32.5	250	37.5	50.5	25	65	21

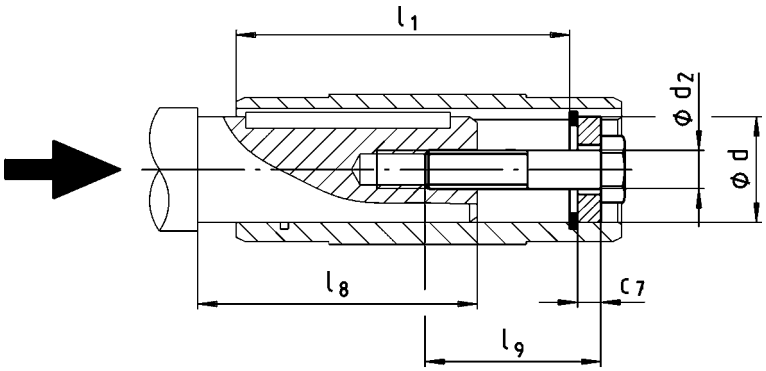
Torque plate at housing foot

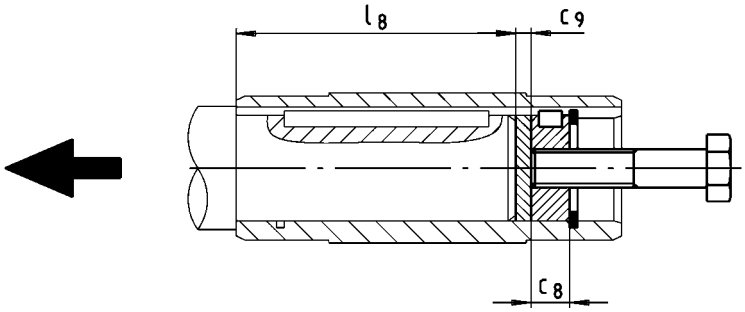
In position 2, 4 or 6



	a_4	a_7	a_8	a_9	b_8	c	d	D	e_5	k_7
GSS04	41	27.5	106	135.0	60	14.5	11	30	100	20
GSS05	45	35.0	115	160.0	70	15.0	13	40	127	25
GSS06	72	40.0	145	195.0	80	27.0	17	50	145	28
GSS07	78	50.0	170	240.0	100	28.0	21	60	180	35

Mounting set for hollow shaft circlip - Proposed design for auxiliary tools

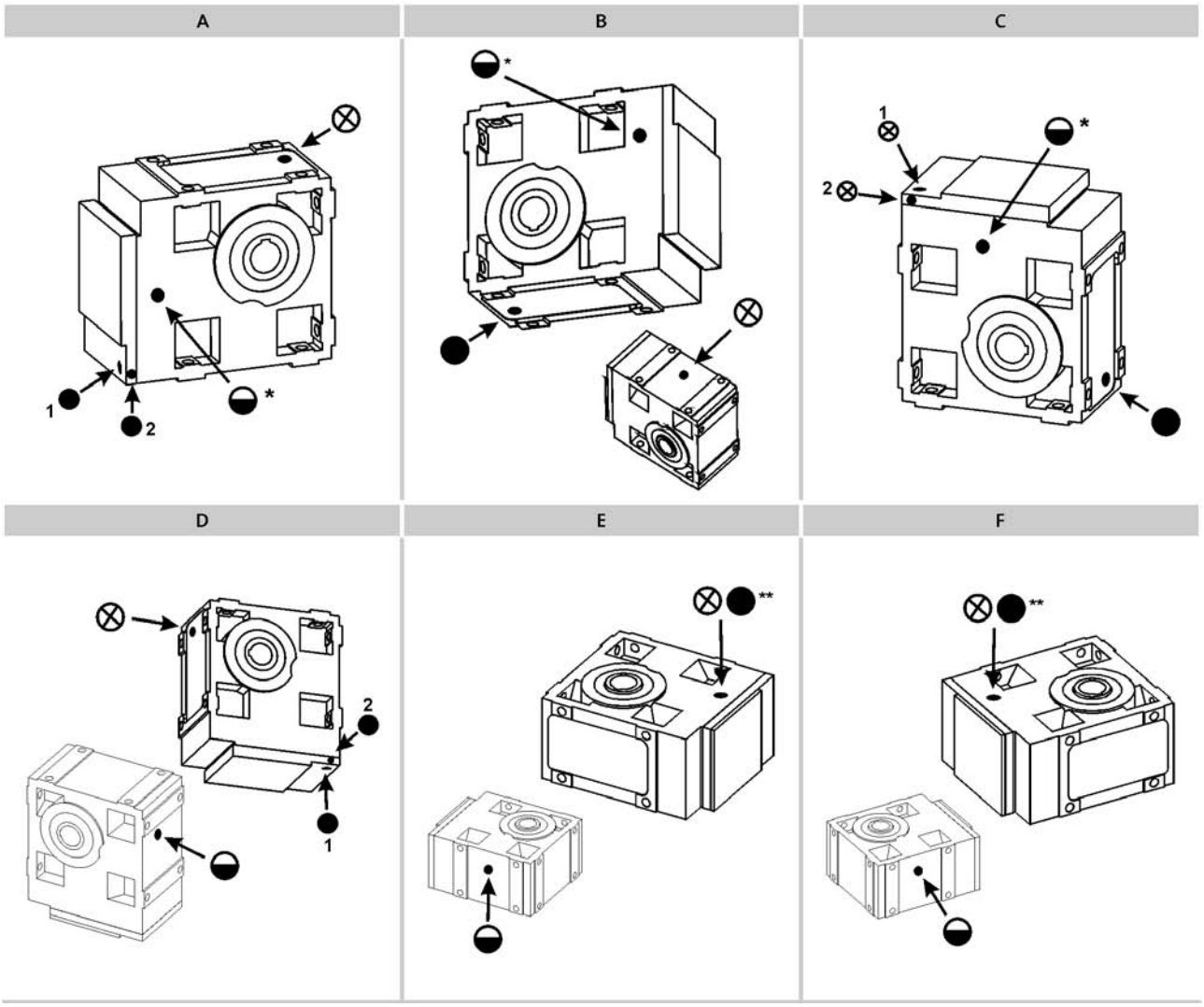




	d	l_1	d_2	l_9	c_7	c_8	c_9	$l_{8,\,max}$
	H7							
GSS04	25 30	100	M10	40	5	10	3	85
					6			
GSS05	30 35	124						107
			M12	50	7	12		
GSS06	40 45	140	M16	60	8	16	4	118
					9			
GSS07	50 55	175			10		5	148
			M20	80	11	20		

Position of ventilation, sealing elements and oil level check

GSS05...07-2

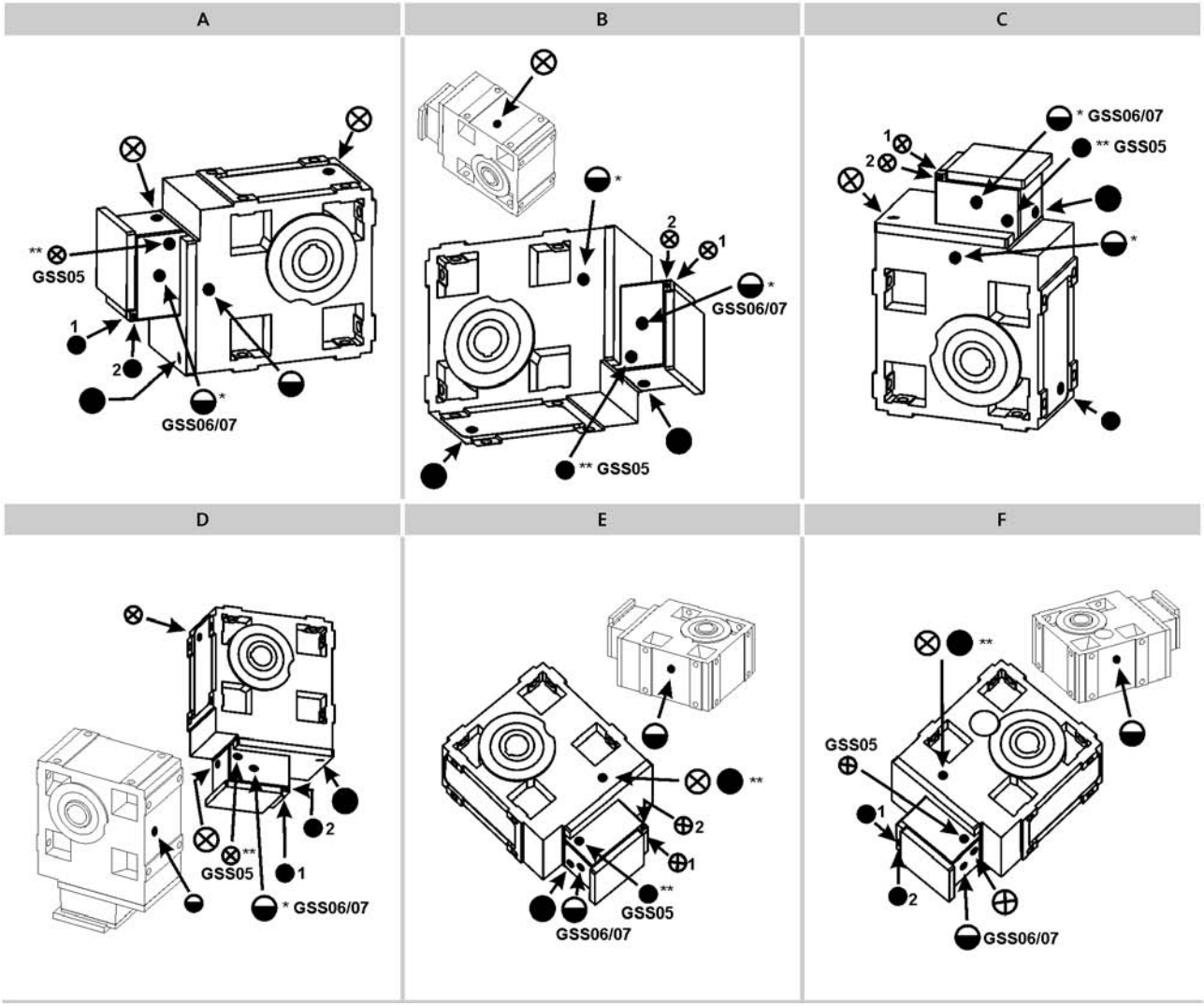


A ... F Mounting position
⊗ Ventilation / Oil filler plug
● Oil drain plug
◒ Oil control plug
* On both sides
** On opposite side

Pos.1 standard
Pos.2 only with:
- GSS05-2□ □□□ 090C□□
- GSS05-2□ □□□ 100C□□

7

GSS05...07-3



A ... F Mounting position
⊗ Ventilation / Oil filler plug
● Oil drain plug
◒ Oil control plug
* On both sides
** On opposite side

Pos.1 standard
Pos.2 only with:
- GSS07-3□ □□□ 090C□□
- GSS07-3□ □□□ 100C□□

Cost-efficiency, time savings and quality enhancement are the challenges of the future. Lenze is facing up to them with L-force – the family of drives and automation systems with a holistic solutions portfolio and mutually matching interfaces and components. For faster configuration and commissioning, better performance and more flexibility in production.

Choose exactly the functional range needed for your application from our well-designed range of new L-force three-phase AC motors. Rightsizing instead of oversizing.

- Power range: 0.37 to 3.0 kW
- Designs: IM B3, B5 and B14 Number of pole pairs: 2
- Standard temperature monitoring
- Thermal contact (NC contact)
- Standard inverter-compatible winding
- Large brake module
- Scalable braking torques
- LongLife brake version
- Various connector systems for fast commissioning
- Degree of protection of the basic model: IP55
- Surface and corrosion protection for operation in harsh environments
- Approvals: UL/CSA, CCC and Ghost

Three-phase motors with a new concept for lower costs
The MF three-phase L-force motors which you can now order are the first series of motors that have been exclusively tailored for operation with a frequency inverter. The advantages for you are several:
Your benefits at a glance

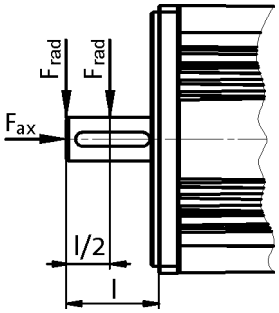
- Compact:
  Up to two sizes smaller than a conventional three-phase motor
- Energy-efficient:
  Surpasses the minimum levels of efficiency class IE2
- Dynamic:
  Moments of inertia same as those of a servo motor
- Variable:
  Large speed setting range (without torque reduction: 1:24)
- Cost-effective:
  Less expensive that a conventional three-phase motor of the same power
- Service-friendly:
  Easy accessibility of the built-on accessories such as the adjustable spring-applied brake

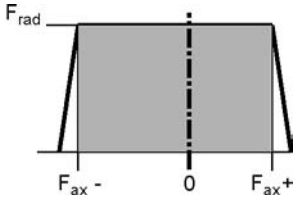
Size	063	071	080
Cooling type	Integral fan Blower		
Design	B3 B5 B14		
Spring-applied brake Design for motec operation	Standard or LongLife design Reduced or standard braking torque With manual release lever Low noise		Standard or LongLife design Reduced, standard or increased braking torque With manual release lever Low noise
Feedback	Incremental encoder		
Temperature sensor Thermal contact	TKO		
Shaft bearings Position of the locating bearing	Non-drive end		
Bearing type	Deep-groove ball bearing with high-temperature resistant grease, 2 sealing discs or cover plates		
Colour	Primed Paint in various corrosion-protection designs in accordance with RAL colours Not coated		

Size	090	100
Cooling type	Integral fan Blower	
Design	B3 B5 B14	
Spring-applied brake Design for motec operation	Standard or LongLife design Reduced, standard or increased braking torque With manual release lever Low noise	
Feedback	Incremental encoder	
Temperature sensor Thermal contact	TKO	
Shaft bearings Position of the locating bearing	Non-drive end	
Bearing type	Deep-groove ball bearing with high-temperature resistant grease, 2 sealing discs or cover plates	
Colour	Primed Paint in various corrosion-protection designs in accordance with RAL colours Not coated	

Enclosure EN 60529			IP55
Energy efficiency class IEC 60034-30			IE1 IE2
Approval Class			CCC cURus GOST-R UkrSepro
Temperature class IEC/EN 60034-1; utilisation IEC/EN 60034-1; insulation system (enamel-insulated wire)			B F
Min. ambient operating temperature	$T_{opr,min}$	[°C]	-20
Max. ambient temperature for operation With power reduction	$T_{opr,max}$ $T_{opr,max}$	[°C] [°C]	40 60
Site altitude Amsl	H_{max}	[m]	4000

Average speed 2000 r/min





Application of force at l/2

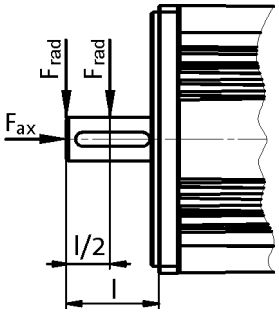
	Bearing service life L_{10}											
	10000 h			20000 h			30000 h			50000 h		
	F_{rad}	$F_{ax,-}$	$F_{ax,+}$	F_{rad}	$F_{ax,-}$	$F_{ax,+}$	F_{rad}	$F_{ax,-}$	$F_{ax,+}$	F_{rad}	$F_{ax,-}$	$F_{ax,+}$
	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]
063	**600**	-600	300	**470**	-480	180	**410**	-430	120	**350**	-370	70
071	**740**	-800	470	**590**	-630	300	**510**	-550	220	**430**	-470	140
080	**960**	-1090	580	**770**	-860	350	**670**	-760	250	**570**	-650	
090	**1050**	-1160	630	**840**	-920	390	**730**	-800	280	**620**	-690	160
100	**1490**	-1490	910	**1190**	-1160	580	**1050**	-1010	430	**890**	-860	270
112	**2250**	-2330	1340	**1790**	-1830	840	**1570**	-1600	610	**1330**	-1360	370
132	**3300**	-2150	1190	**2640**	-1670	710	**2320**	-1440	480	**1970**	-1210	250

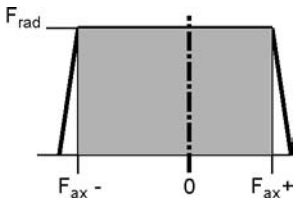
Application of force at l

	Bearing service life L_{10}											
	10000 h			20000 h			30000 h			50000 h		
	F_{rad}	$F_{ax,-}$	$F_{ax,+}$	F_{rad}	$F_{ax,-}$	$F_{ax,+}$	F_{rad}	$F_{ax,-}$	$F_{ax,+}$	F_{rad}	$F_{ax,-}$	$F_{ax,+}$
	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]
063	**400**	-600	300	**370**	-480	180	**320**	-430	120	**300**	-370	70
071	**680**	-800	470	**540**	-630	300	**470**	-550	220	**400**	-470	140
080	**880**	-1090	580	**700**	-860	350	**610**	-760	250	**520**	-650	
090	**940**	-1160	630	**750**	-920	390	**660**	-800	280	**560**	-690	160
100	**1350**	-1490	910	**1080**	-1160	580	**940**	-1010	430	**800**	-860	270
112	**2040**	-2330	1340	**1620**	-1830	840	**1420**	-1600	610	**1210**	-1360	370
132	**3020**	-2150	1190	**2420**	-1670	710	**2120**	-1440	480	**1800**	-1210	250

- The values for the bearing service life L_{10} refer to an average speed of 2000 r/min. Depending on the ambient temperatures, the service life of the bearings is also reduced by the grease lifetime.
- Data for axial forces relate to the maximum radial force with the corresponding bearing service life.

Average speed 3500 r/min





Application of force at l/2

	Bearing service life L_{10}											
	10000 h			20000 h			30000 h			50000 h		
	F_{rad}	$F_{ax,-}$	$F_{ax,+}$	F_{rad}	$F_{ax,-}$	$F_{ax,+}$	F_{rad}	$F_{ax,-}$	$F_{ax,+}$	F_{rad}	$F_{ax,-}$	$F_{ax,+}$
	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]
063	**500**	-430	270	**400**	-330	180	**350**	-290	140	**290**	-240	90
071	**610**	-580	250	**490**	-490	130	**430**	-430	80	**360**	-360	30
080	**800**	-790	280	**640**	-640		**560**	-570	60	**480**	-500	0

Application of force at l

	Bearing service life L_{10}											
	10000 h			20000 h			30000 h			50000 h		
	F_{rad}	$F_{ax,-}$	$F_{ax,+}$	F_{rad}	$F_{ax,-}$	$F_{ax,+}$	F_{rad}	$F_{ax,-}$	$F_{ax,+}$	F_{rad}	$F_{ax,-}$	$F_{ax,+}$
	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]
063	**460**	-410	260	**370**	-320	170	**320**	-280	130	**270**	-240	80
071	**570**	-560	230	**450**	-450	120	**400**	-400	70	**330**	-350	20
080	**730**	-750	250	**580**	-610	100	**510**	-550	40			

- The values for the bearing service life L_{10} refer to an average speed of 3500 r/min. Depending on the ambient temperatures, the service life of the bearings is also reduced by the grease lifetime.
- Data for axial forces relate to the maximum radial force with the corresponding bearing service life.

4-pole motors

Rated frequency 50 Hz

	P_N	n_N	$U_{N,\Delta}$	$I_{N,\Delta}$	$U_{N,Y}$	$I_{N,Y}$	I_a / I_N
			± 10 %		± 10 %		
	[kW]	[r/min]	[V]	[A]	[V]	[A]	
MD□□□□□071-32	0.37	1410	230	1.60	400	0.95	3.30
MD□□□□□071-42	0.55	1405	230	2.40	400	1.40	3.50
MD□□□□□080-12 [2]	0.55	1390	230	2.50	400	1.40	3.80
MD□□□□□080-32	0.75	1410	230	3.30	400	1.90	4.60
MD□□□□□080-42	1.10	1390	230	4.80	400	2.80	4.40
MD□□□□□090-12 [2]	1.10	1390	230	4.80	400	2.80	4.10
MD□□□□□090-32	1.50	1410	230	6.60	400	3.80	4.80
MD□□□□□100-12	2.20	1440	230	9.20	400	5.30	6.00
MD□□□□□100-32	3.00	1430	230	12.5	400	7.20	4.60

	M_N	M_a	M_b	cos φ	$\eta_{75\,\%}$	$\eta_{100\,\%}$	J [1]	m [1]
	[Nm]	[Nm]	[Nm]		[%]	[%]	[kgcm²]	[kg]
MD□□□□□071-32	2.51	4.76	5.81	0.77	73.0	73.0	10.7	5.80
MD□□□□□071-42	3.74	7.85	9.12	0.77	74.0	74.0	12.8	6.40
MD□□□□□080-12 [2]	3.80	6.80	7.20	0.80	70.0	70.0	16.9	10.0
MD□□□□□080-32	5.10	11.0	12.1	0.80	73.0	74.0	26.0	11.0
MD□□□□□080-42	7.50	16.5	18.4	0.80	77.0	77.0	26.0	11.0
MD□□□□□090-12 [2]	7.56	15.5	16.0	0.81	75.0	75.0	23.2	12.0
MD□□□□□090-32	10.1	23.7	27.1	0.76	78.0	79.0	28.4	15.0
MD□□□□□100-12	14.6	38.0	44.0	0.73	83.0	84.0	61.0	24.0
MD□□□□□100-32	20.5	43.0	50.0	0.75	83.0	83.0	61.0	24.0

Rated frequency 87 Hz

	P_N	n_N	M_N	M_{max}	$U_{N,\Delta}$	$I_{N,\Delta}$	cos φ	$\eta_{75\,\%}$	$\eta_{100\,\%}$	J [1]	m [1]
					± 10 %						
	[kW]	[r/min]	[Nm]	[Nm]	[V]	[A]		[%]	[%]	[kgcm²]	[kg]
MD□□□□□063-32	0.33	2475	1.26	5.00	400	1.00	0.65	68.0	70.0	3.30	4.10
MD□□□□□063-42	0.45	2480	1.74	7.00	400	1.40	0.63	66.0	69.0	3.70	4.40
MD□□□□□071-32	0.66	2520	2.51	10.0	400	1.60	0.72	76.0	78.0	10.7	5.80
MD□□□□□071-42	1.00	2515	3.74	15.0	400	2.40	0.74	79.0	80.0	12.8	6.40
MD□□□□□080-12 [2]	1.00	2500	3.80	15.0	400	2.50	0.78	72.0	72.0	16.9	10.0
MD□□□□□080-32	1.35	2520	5.10	20.0	400	3.30	0.80	75.0	77.0	26.0	11.0
MD□□□□□080-42	2.00	2500	7.50	30.0	400	4.80	0.80	81.0	82.0	26.0	11.0
MD□□□□□090-12 [2]	2.00	2500	7.56	30.0	400	4.80	0.78	77.0	77.0	23.2	12.0
MD□□□□□090-32	2.70	2520	10.1	40.0	400	6.70	0.73	83.0	85.0	28.4	15.0

[1] Without accessories
[2] Not intended for direct mounting to the geared motor.

4-pole motors

Rated frequency 120 Hz

	P_N	n_N	$U_{N,\Delta}$	$I_{N,\Delta}$	$U_{N,Y}$	$I_{N,Y}$
			± 10 %		± 10 %	
	[kW]	[r/min]	[V]	[A]	[V]	[A]
MF□□□□□063-32	0.55	3440	200	3.20	345	1.80
MF□□□□□063-42	0.75	3400	210	4.00	370	2.30
MF□□□□□071-32	1.10	3490	200	5.50	345	3.20
MF□□□□□071-42	1.50	3450	205	6.80	360	3.90
MF□□□□□080-32	2.20	3500	200	9.10	345	5.30
MF□□□□□080-42	3.00	3480	210	11.4	370	6.60

	M_N	M_{max}	cos φ	$\eta_{75\ \%}$	$\eta_{100\ \%}$	J [1]	m [1]
	[Nm]	[Nm]		[%]	[%]	[kgcm²]	[kg]
MF□□□□□063-32	1.53	6.00	0.68	75.0	75.0	3.70	4.40
MF□□□□□063-42	2.11	8.00	0.69	79.6	79.6	3.70	4.40
MF□□□□□071-32	3.01	12.0	0.77	81.4	81.4	12.8	6.40
MF□□□□□071-42	4.15	16.0	0.80	82.8	82.8	12.8	6.40
MF□□□□□080-32	6.00	24.0	0.86	84.3	84.3	28.0	11.0
MF□□□□□080-42	8.20	32.0	0.86	85.5	85.5	28.0	11.0

[1] Without accessories

4-pole motors

Rated frequency 50 Hz

	P_N	n_N	$U_{N,\Delta}$	$I_{N,\Delta}$	$U_{N,Y}$	$I_{N,Y}$	I_a / I_N
			± 10 %		± 10 %		
	[kW]	[r/min]	[V]	[A]	[V]	[A]	
MH□□□□□080-32	0.75	1410	230	3.10	400	1.80	5.00
MH□□□□□090-12	1.10	1430	230	4.60	400	2.70	5.40
MH□□□□□090-32	1.50	1435	230	5.80	400	3.30	6.30
MH□□□□□100-12	2.20	1445	230	8.60	400	5.00	6.00
MH□□□□□100-32	3.00	1445	230	12.1	400	7.00	6.50

	M_N	M_a	M_b	cos φ	$\eta_{50\,\%}$	$\eta_{75\,\%}$	$\eta_{100\,\%}$	J [1]	m [1]
	[Nm]	[Nm]	[Nm]		[%]	[%]	[%]	[kgcm²]	[kg]
MH□□□□□080-32	5.08	12.0	12.1	0.84	74.9	79.6	79.6	28.0	11.0
MH□□□□□090-12	7.35	20.3	24.2	0.76	77.4	81.6	82.0	32.0	16.0
MH□□□□□090-32	10.0	33.0	34.0	0.76	82.2	83.4	82.8	36.0	18.0
MH□□□□□100-12	14.5	48.0	55.0	0.80	85.4	86.7	86.3	61.0	24.0
MH□□□□□100-32	19.8	67.0	76.0	0.73	83.8	85.6	85.5	66.0	26.5

Rated frequency 87 Hz

	P_N	n_N	M_N	M_{max}	$U_{N,\Delta}$	$I_{N,\Delta}$	cos φ	$\eta_{50\,\%}$	$\eta_{75\,\%}$	$\eta_{100\,\%}$	J [1]	m [1]
					± 10 %							
	[kW]	[r/min]	[Nm]	[Nm]	[V]	[A]		[%]	[%]	[%]	[kgcm²]	[kg]
MH□□□□□080-32	1.35	2520	5.12	20.0	400	3.10	0.84	76.9	81.6	83.5	28.0	11.0
MH□□□□□090-12	2.00	2540	7.52	30.0	400	4.60	0.78	82.0	84.9	86.5	32.0	16.0
MH□□□□□090-32	2.70	2545	10.1	40.0	400	5.80	0.76	82.8	85.5	86.0	36.0	18.0

[1] Without accessories

Inverter Drives 8400 motec

Assignment of motor - Inverter Drives 8400 motec

Rated frequency 50 Hz

Rated power	Product key		
	Motor		Inverter
P_N			
[kW]			
0.37	MD□□□□□071-32		E84DVB□3714S□□□2□
0.55	MD□□□□□071-42		E84DVB□5514S□□□2□
	MD□□□□□080-12		
0.75	MD□□□□□080-32	MH□□□□□080-32	E84DVB□7514S□□□2□
1.10	MD□□□□□080-42	MH□□□□□090-12	E84DVB□1124S□□□2□
	MD□□□□□090-12		
1.50	MD□□□□□090-32	MH□□□□□090-32	E84DVB□1524S□□□2□
2.20	MD□□□□□100-12	MH□□□□□100-12	E84DVB□2224S□□□2□
3.00	MD□□□□□100-32	MH□□□□□100-32	E84DVB□3024S□□□2□

Rated frequency 87 Hz

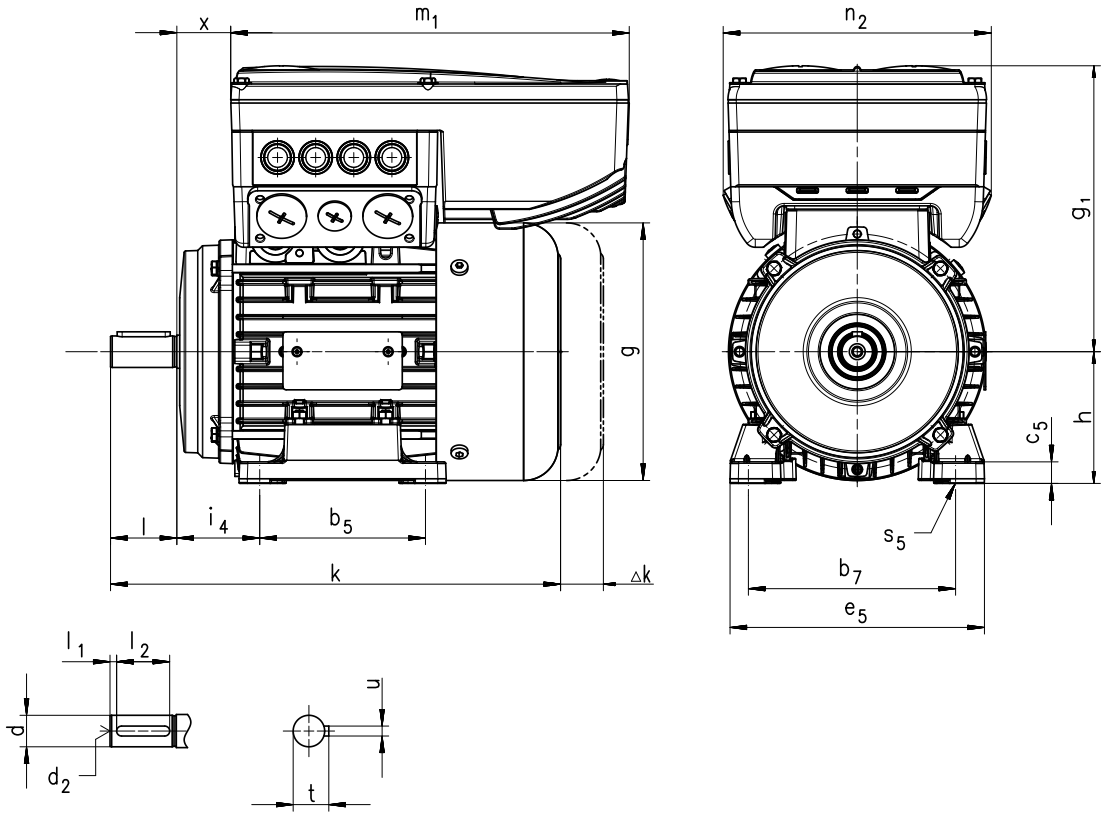
Rated power	Product key		
	Motor		Inverter
P_N			
[kW]			
0.33	MD□□□□□063-32		E84DVB□3714S□□□2□
0.45	MD□□□□□063-42		E84DVB□5514S□□□2□
	MD□□□□□071-12		
0.66	MD□□□□□071-32		E84DVB□7514S□□□2□
1.00	MD□□□□□071-42		E84DVB□1124S□□□2□
	MD□□□□□080-12		
1.35	MD□□□□□080-32	MH□□□□□080-32	E84DVB□1524S□□□2□
2.00	MD□□□□□080-42	MH□□□□□090-12	E84DVB□2224S□□□2□
	MD□□□□□090-12		
2.70	MD□□□□□090-32	MH□□□□□090-32	E84DVB□3024S□□□2□

Rated frequency 120 Hz

Rated power	Product key	
	Motor	Inverter
P_N		
[kW]		
0.55	MF□□□□□063-32	E84DVB□5514S□□□2□
0.75	MF□□□□□063-42	E84DVB□7514S□□□2□
1.10	MF□□□□□071-32	E84DVB□1124S□□□2□
1.50	MF□□□□□071-42	E84DVB□1524S□□□2□
2.20	MF□□□□□080-32	E84DVB□2224S□□□2□
3.00	MF□□□□□080-42	E84DVB□3024S□□□2□

MD□MA (IE1)

Design B3



Motor type	MDEMAXX	MDEMABR	MDEMAIG	MDEMABI	MDFMAXX	MDFMABR	MDFMAIG	MDFMABI
	k	Δ k	Δ k	Δ k	Δ k	Δ k	Δ k	Δ k
	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
063-32	215	40	56	103	128	170	128	170
063-42								
071-12	246	52	52	96		165		165
071-32								
071-42								
080-12	272	73	111	111		183		183
080-32								
080-42								184
090-12	311	68	87	105		181		181
090-32								
100-12	382	76	81	101	109	170	109	170
100-32								

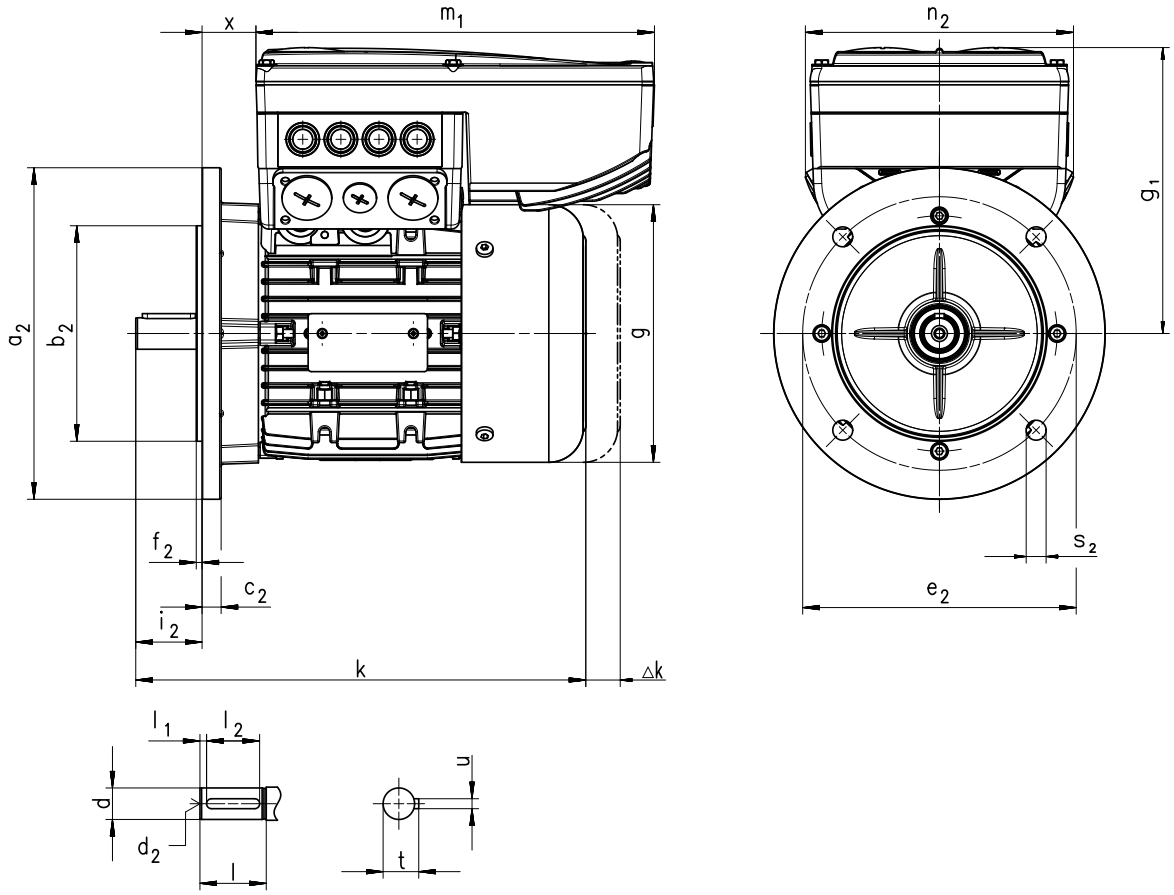
	g	$g_{1, 50Hz}$	$m_{1, 50Hz}$	$n_{2, 50Hz}$	x_{50Hz}	$g_{1, 87Hz}$	$m_{1, 87Hz}$	$n_{2, 87Hz}$	x_{87Hz}
	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
063-32	123					154	241	161	23.5
063-42									
071-12	139					163			29.5
071-32		163	241	161					
071-42					29.5				
080-12	156	172			32.5	172			32.5
080-32									
080-42						201	260	176	31.5
090-12	176	177			36.2	206			35.2
090-32									
100-12	194	217	260	176	42.4				
100-32									

	d	d_2	l	l_1	l_2	t	u
	j6						
	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
063-32	11	M4	23	4	16	12.5	4.0
063-42							
071-12	14	M5	30		22	16.0	5.0
071-32							
071-42							
080-12	19	M6	40		32	21.5	6.0
080-32							
080-42							
090-12	24	M8	50	5	40	27.0	8.0
090-32							
100-12	28	M10	60		50	31.0	
100-32							

	b_7	i_4	b_5	e_5	h	c_5	s_5
	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
063-32	100	40.0	80	120	63	10	7.0
063-42							
071-12	112	45.0	90	134	71	11	
071-32							
071-42							
080-12	125	50.0	100	154	80	13	10.0
080-32							
080-42							
090-12	140	56.0		174	90		
090-32							
100-12	160	63.0	140	194	100	15	12.0
100-32							

MD□MA (IE1)

Design B5



Motor type	MDEMAXX	MDEMABR	MDEMAIG	MDEMABI	MDFMAXX	MDFMABR	MDFMAIG	MDFMABI
	k	Δ k	Δ k	Δ k	Δ k	Δ k	Δ k	Δ k
	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
063-32	215	40	56	103	128	170	128	170
063-42								
071-12	246	52	52	96		165		165
071-32								
071-42								
080-12	272	73	111	111		183		183
080-32								
080-42								184
090-12	311	68	87	105		181		181
090-32								
100-12	382	76	81	101	109	170	109	170
100-32								

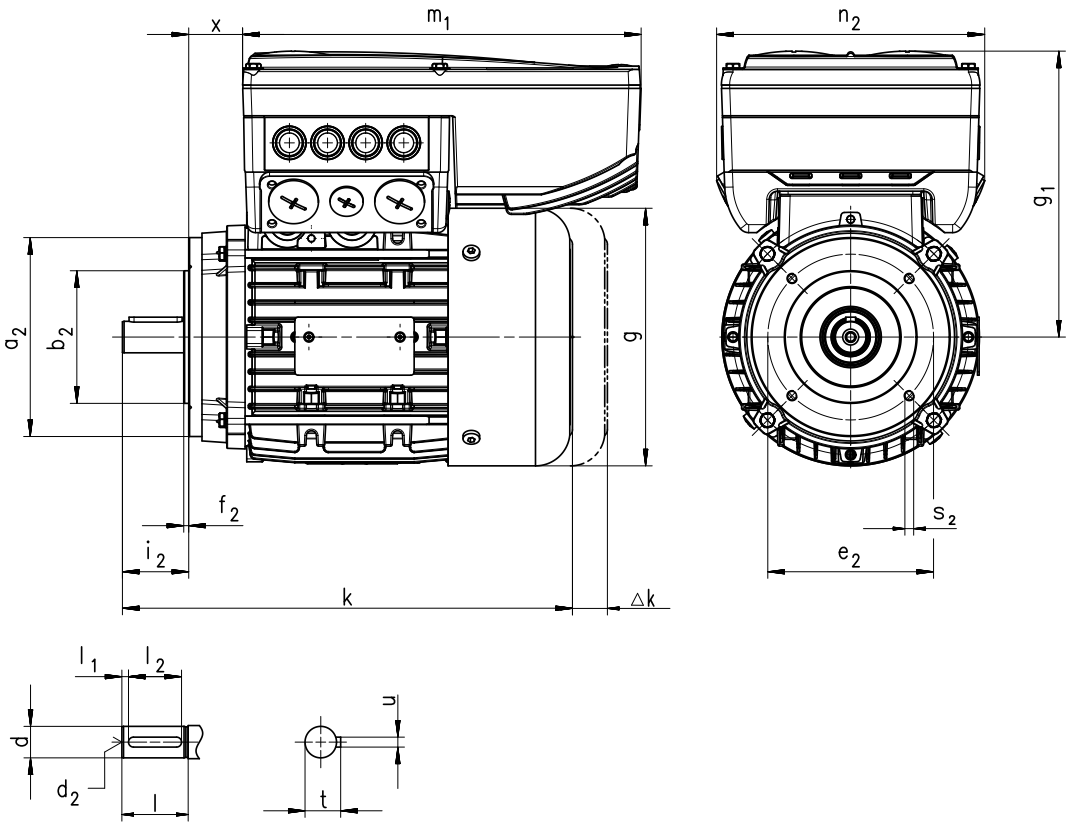
	g	$g_{1, 50Hz}$	$m_{1, 50Hz}$	$n_{2, 50Hz}$	x_{50Hz}	$g_{1, 87Hz}$	$m_{1, 87Hz}$	$n_{2, 87Hz}$	x_{87Hz}
	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
063-32	123					154	241	161	23.5
063-42									
071-12	139	163	241	161		163			29.5
071-32									
071-42					29.5				
080-12	156	172			32.5	172			32.5
080-32									
080-42						201	260	176	31.5
090-12	176	177			36.2	206			35.2
090-32									
100-12	194	217	260	176	42.4				
100-32									

	d	d_2	l	l_1	l_2	t	u
	j6						
	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
063-32	11	M4	23	4	16	12.5	4.0
063-42							
071-12	14	M5	30		22	16.0	5.0
071-32							
071-42							
080-12	19	M6	40		32	21.5	6.0
080-32							
080-42							
090-12	24	M8	50	5	40	27.0	8.0
090-32							
100-12	28	M10	60		50	31.0	
100-32							

	Flange size							
		a_2	b_2	c_2	e_2	f_2	s_2	i_2
			j6					-0.6 ... 0.5
		[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
063-32	FF115	140	95	10	115	3.0	10.0	23.0
063-42								
071-12	FF130	160	110		130	3.5		30.0
071-32								
071-42								
080-12	FF165	200	130	11	165		12.0	40.0
080-32								
080-42								
090-12								50.0
090-32								
100-12	FF215	250	180	15	215	4.0	14.5	60.0
100-32								

MD□MA (IE1)

Design B14



Motor type	MDEMAXX	MDEMABR	MDEMAIG	MDEMABI	MDFMAXX	MDFMABR	MDFMAIG	MDFMABI
	k	Δ k	Δ k	Δ k	Δ k	Δ k	Δ k	Δ k
	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
063-32	215	40	56	103	128	170	128	170
063-42								
071-12	246	52	52	96		165		165
071-32								
071-42								
080-12	272	73	111	111		183		183
080-32								
080-42								184
090-12	311	68	87	105		181		181
090-32								
100-12	382	76	81	101	109	170	109	170
100-32								

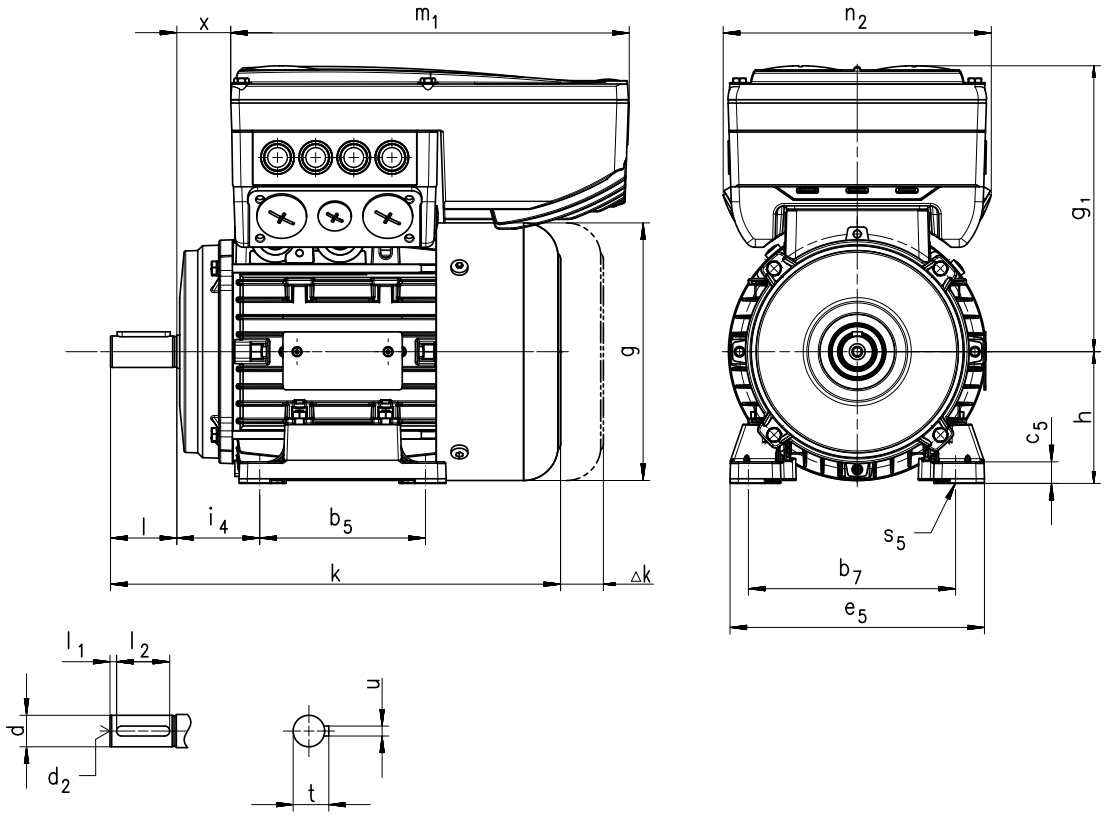
	g	$g_{1, 50Hz}$	$m_{1, 50Hz}$	$n_{2, 50Hz}$	x_{50Hz}	$g_{1, 87Hz}$	$m_{1, 87Hz}$	$n_{2, 87Hz}$	x_{87Hz}
	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
063-32	123					154	241	161	23.5
063-42									
071-12	139					163			29.5
071-32		163	241	161					
071-42					29.5				
080-12	156	172			32.5	172			32.5
080-32									
080-42						201	260	176	31.5
090-12	176	177			36.2	206			35.2
090-32									
100-12	194	217	260	176	42.4				
100-32									

	d	d_2	l	l_1	l_2	t	u
	j6						
	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
063-32	11	M4	23	4	16	12.5	4.0
063-42							
071-12	14	M5	30		22	16.0	5.0
071-32							
071-42							
080-12	19	M6	40		32	21.5	6.0
080-32							
080-42							
090-12	24	M8	50	5	40	27.0	8.0
090-32							
100-12	28	M10	60		50	31.0	
100-32							

	Flange size						
		a_2	b_2	e_2	f_2	s_2	i_2
			j6				-0.6 ... 0.5
		[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
063-32	FT75	90	60	75	2.5	M5x10	23.0
063-42							
071-12	FT85	105	70	85		M6x10	30.0
071-32							
071-42							
080-12	FT100	120	80	100	3.0	M6x12	40.0
080-32	FT130	160	110	130	3.5	M8x14	
080-42							
090-12	FT115	140	95	115		M8x16	50.0
090-32	FT130	160	110	130		M8x16	
100-12	FT130	160	110	130	3.5	M8x14	60.0
100-32							

MF□MA

Design B3



Motor type	MFEMAXX	MFEMABR	MFEMAIG	MFEMABI	MFFMAXX	MFFMABR	MFFMAIG	MFFMABI
	k	Δ k	Δ k	Δ k	Δ k	Δ k	Δ k	Δ k
	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
063-32	215	40	56	103	128	170	128	170
063-42								
071-32	246	52	52	96		165		165
071-42								
080-32	272	73	111	111		183		183
080-42								

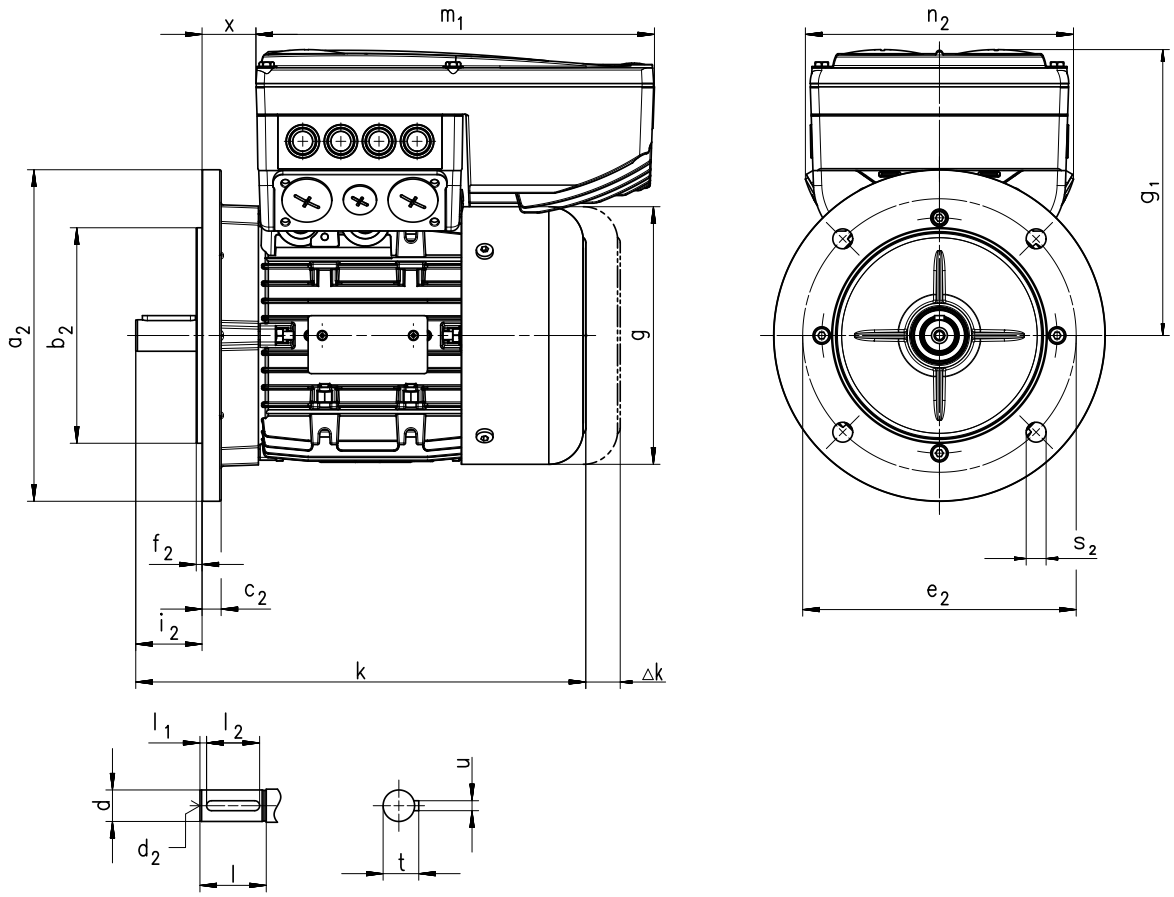
	g	$g_{1,\ 120Hz}$	$m_{1,\ 120Hz}$	$n_{2,\ 120Hz}$	x_{120Hz}
	[mm]	[mm]	[mm]	[mm]	[mm]
063-32	123	154	241	161	23.5
063-42					
071-32	139	163			29.5
071-42					21.0
080-32	156	201	260	176	31.5
080-42					

	d	d_2	l	l_1	l_2	t	u
	j6						
	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
063-32	11	M4	23	4	16	12.5	4.0
063-42							
071-32	14	M5	30		22	16.0	5.0
071-42							
080-32	19	M6	40		32	21.5	6.0
080-42							

	b_7	i_4	b_5	e_5	h	c_5	s_5
	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
063-32	100	40.0	80	120	63	10	7.0
063-42							
071-32	112	45.0	90	134	71	11	
071-42							
080-32	125	50.0	100	154	80	13	10.0
080-42							

MF□MA

Design B5



Motor type	MFEMAXX	MFEMABR	MFEMAIG	MFEMABI	MFFMAXX	MFFMABR	MFFMAIG	MFFMABI
	k	Δ k	Δ k	Δ k	Δ k	Δ k	Δ k	Δ k
	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
063-32	215	40	56	103	128	170	128	170
063-42								
071-32	246	52	52	96		165		165
071-42								
080-32	272	73	111	111		183		183
080-42								

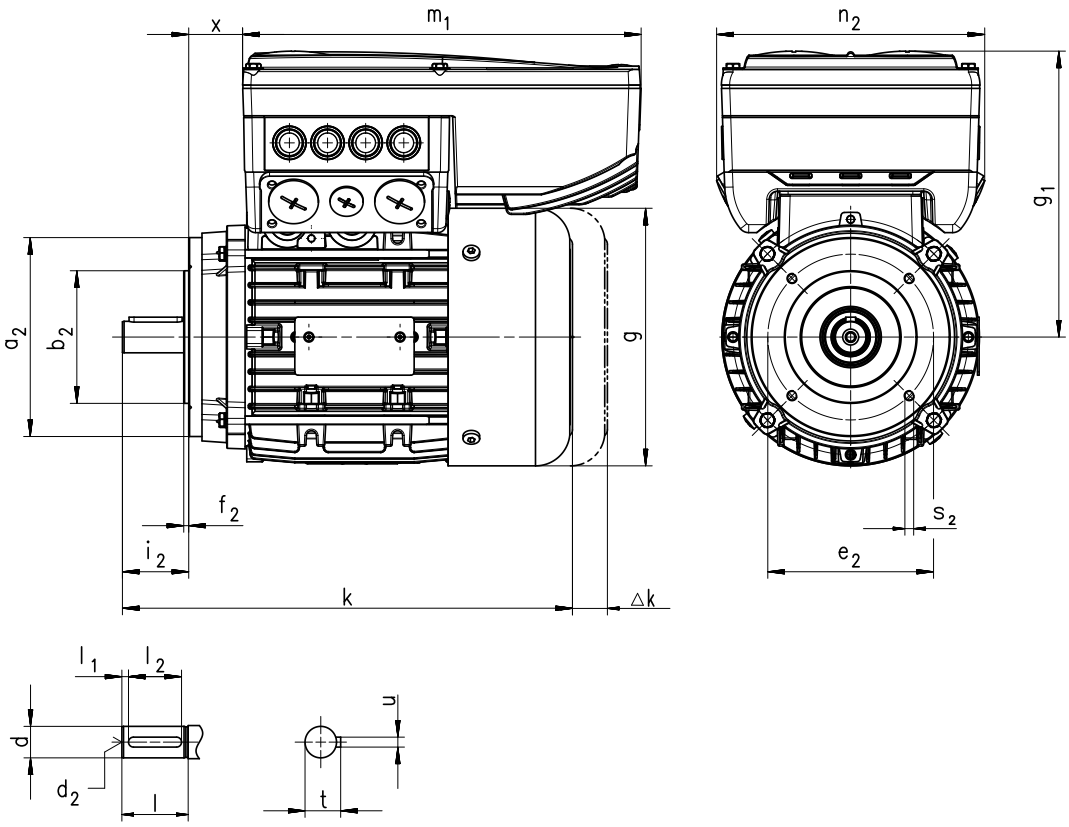
	g	$g_{1, 120Hz}$	$m_{1, 120Hz}$	$n_{2, 120Hz}$	x_{120Hz}
	[mm]	[mm]	[mm]	[mm]	[mm]
063-32	123	154	241	161	23.5
063-42					
071-32	139	163			29.5
071-42					21.0
080-32	156	201	260	176	31.5
080-42					

	d	d_2	l	l_1	l_2	t	u
	j6						
	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
063-32	11	M4	23	4	16	12.5	4.0
063-42							
071-32	14	M5	30		22	16.0	5.0
071-42							
080-32	19	M6	40		32	21.5	6.0
080-42							

	Flange size							
		a_2	b_2	c_2	e_2	f_2	s_2	i_2
			j6					-0.6 ... 0.5
		[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
063-32	FF115	140	95	10	115	3.0	10.0	23.0
063-42								
071-32	FF130	160	110		130	3.5		30.0
071-42								
080-32	FF165	200	130	11	165		12.0	40.0
080-42								

MF□MA

Design B14



Motor type	MFEMAXX	MFEMABR	MFEMAIG	MFEMABI	MFFMAXX	MFFMABR	MFFMAIG	MFFMABI
	k	Δ k	Δ k	Δ k	Δ k	Δ k	Δ k	Δ k
	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
063-32	215	40	56	103	128	170	128	170
063-42								
071-32	246	52	52	96		165		165
071-42								
080-32	272	73	111	111		183		183
080-42								

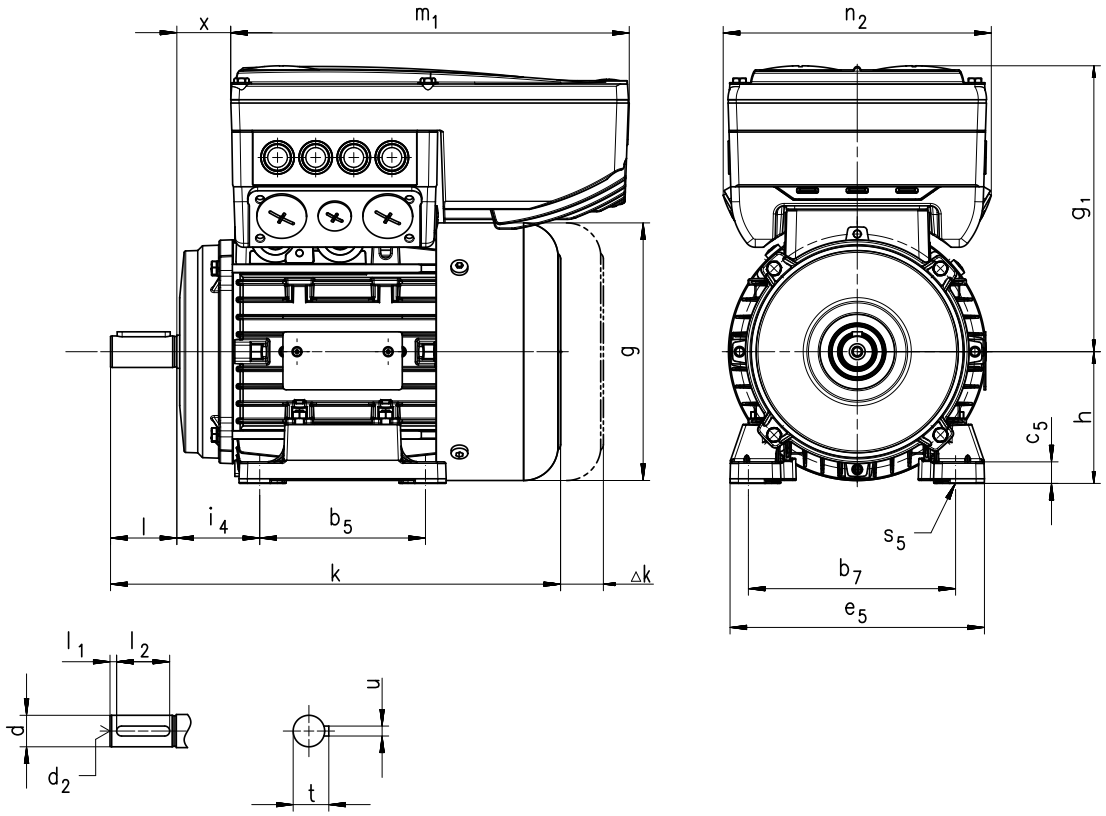
	g	$g_{1,\ 120Hz}$	$m_{1,\ 120Hz}$	$n_{2,\ 120Hz}$	x_{120Hz}
	[mm]	[mm]	[mm]	[mm]	[mm]
063-32	123	154	241	161	23.5
063-42					
071-32	139	163			29.5
071-42					21.0
080-32	156	201	260	176	31.5
080-42					

	d	d_2	l	l_1	l_2	t	u
	j6						
	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
063-32	11	M4	23	4	16	12.5	4.0
063-42							
071-32	14	M5	30		22	16.0	5.0
071-42							
080-32	19	M6	40		32	21.5	6.0
080-42							

	Flange size						
		a_2	b_2	e_2	f_2	s_2	i_2
			j6				-0.6 ... 0.5
		[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
063-32	FT75	90	60	75	2.5	M5x10	23.0
063-42							
071-32	FT85	105	70	85		M6x10	30.0
071-42							
080-32	FT100	120	80	100	3.0	M6x12	40.0
080-42	FT130	160	110	130	3.5	M8x14	

MH□MA (IE2)

Design B3



Motor type	MHEMAXX	MHEMABR	MHEMAIG	MHEMABI	MHFMAXX	MHFMABR	MHFMAIG	MHFMABI
	k	Δ k	Δ k	Δ k	Δ k	Δ k	Δ k	Δ k
	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
080-32	272	73	111	111	128	183	128	183
090-12	331	68	87	105		181		181
100-12	382	76	81	101	109	170	109	170
100-32	397							

8

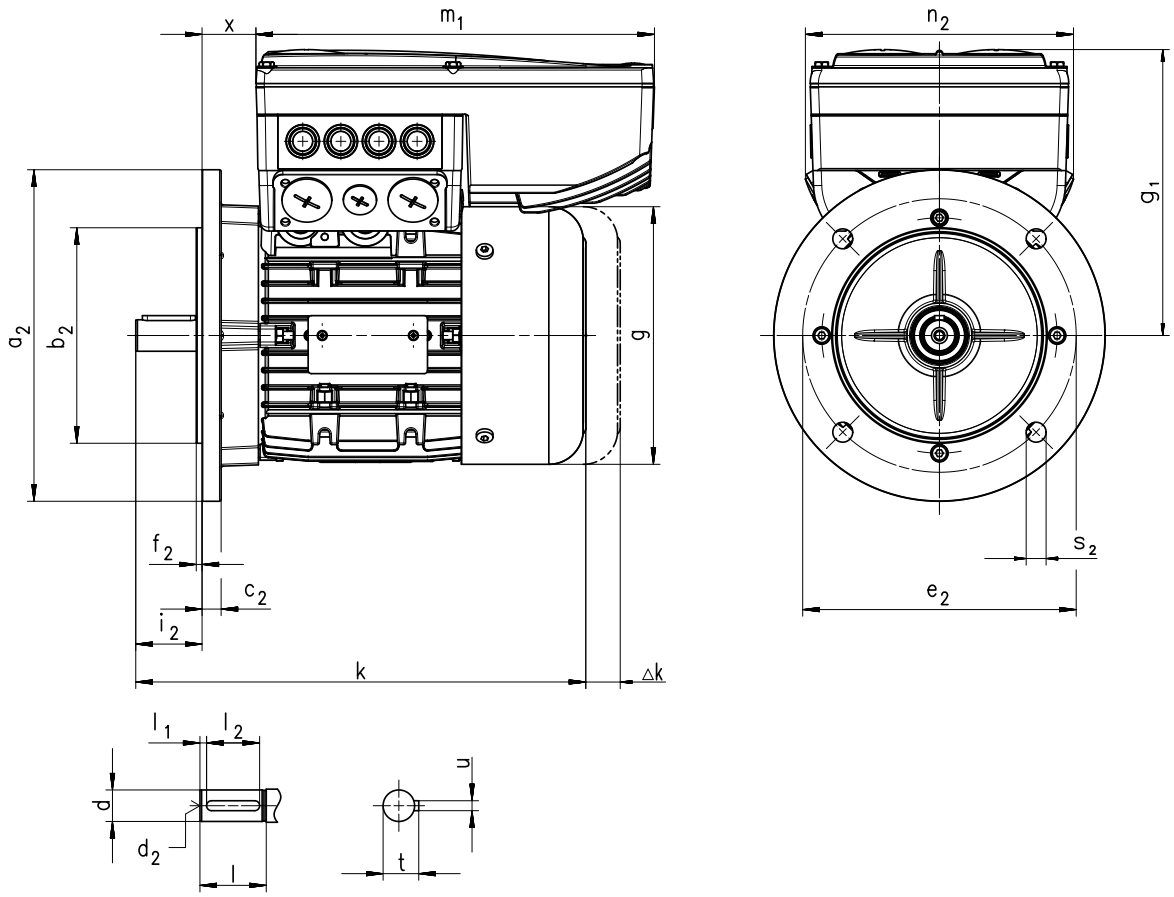
	g	$g_{1, 50Hz}$	$m_{1, 50Hz}$	$n_{2, 50Hz}$	x_{50Hz}	$g_{1, 87Hz}$	$m_{1, 87Hz}$	$n_{2, 87Hz}$	x_{87Hz}
	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
080-32	156	172	241	161	32.5	172	241	161	32.5
090-12	176	177			36.2	206	260	176	35.2
100-12	194	217	260	176	42.4				
100-32									

	d	d_2	l	l_1	l_2	t	u
	j6						
	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
080-32	19	M6	40	4	32	21.5	6.0
090-12	24	M8	50	5	40	27.0	8.0
100-12	28	M10	60		50	31.0	
100-32							

	b_7	i_4	b_5	e_5	h	c_5	s_5
	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
080-32	125	50.0	100	154	80	13	10.0
090-12	140	56.0	125	174	90		
100-12	160	63.0	140	194	100	15	12.0
100-32							

MH□MA (IE2)

Design B5



Motor type	MHEMAXX	MHEMABR	MHEMAIG	MHEMABI	MHFMAXX	MHFMABR	MHFMAIG	MHFMABI
	k	Δ k	Δ k	Δ k	Δ k	Δ k	Δ k	Δ k
	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
080-32	272	73	111	111	128	183	128	183
090-12	331	68	87	105		181		181
100-12	382	76	81	101	109	170	109	170
100-32	397							

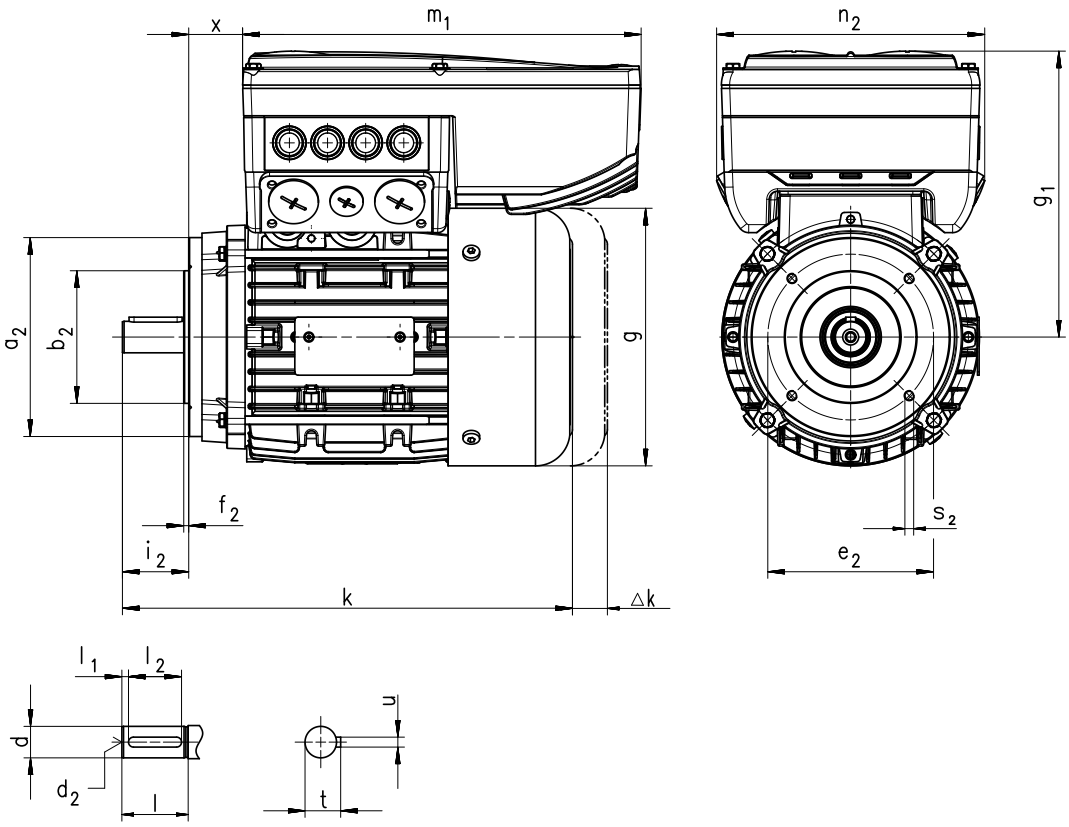
	g	$g_{1, 50Hz}$	$m_{1, 50Hz}$	$n_{2, 50Hz}$	x_{50Hz}	$g_{1, 87Hz}$	$m_{1, 87Hz}$	$n_{2, 87Hz}$	x_{87Hz}
	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
080-32	156	172	241	161	32.5	172	241	161	32.5
090-12	176	177			36.2	206	260	176	35.2
100-12	194	217	260	176	42.4				
100-32									

	d	d_2	l	l_1	l_2	t	u
	j6						
	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
080-32	19	M6	40	4	32	21.5	6.0
090-12	24	M8	50	5	40	27.0	8.0
100-12	28	M10	60		50	31.0	
100-32							

	Flange size							
		a_2	b_2	c_2	e_2	f_2	s_2	i_2
			j6					-0.6 ... 0.5
		[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
080-32	FF165	200	130	11	165	3.5	12.0	40.0
090-12								50.0
100-12	FF215	250	180	15	215	4.0	14.5	60.0
100-32								

MH□MA (IE2)

Design B14



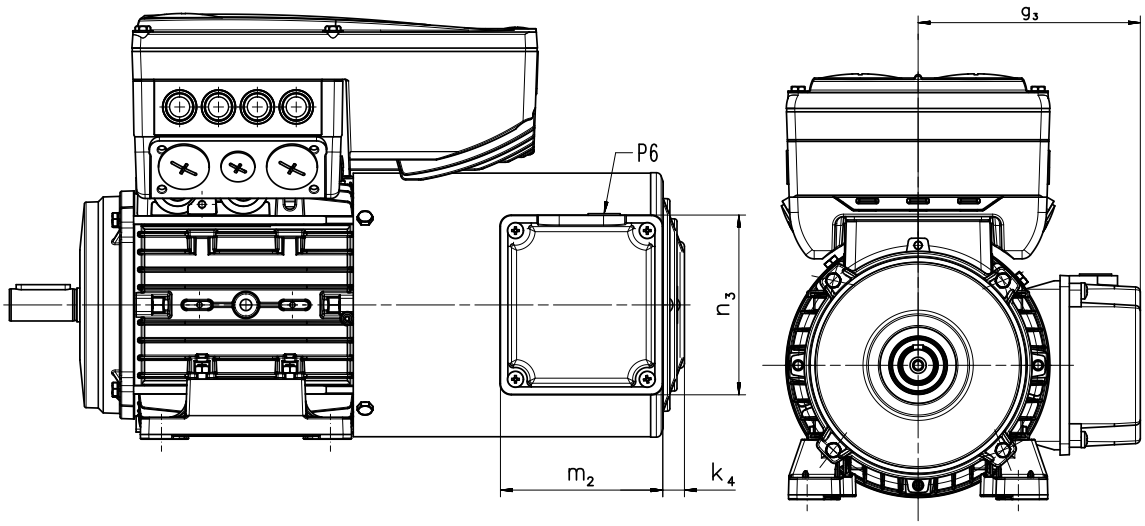
Motor type	MHEMAXX	MHEMABR	MHEMAIG	MHEMABI	MHFMAXX	MHFMABR	MHFMAIG	MHFMABI
	k	Δ k	Δ k	Δ k	Δ k	Δ k	Δ k	Δ k
	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
080-32	272	73	111	111	128	183	128	183
090-12	331	68	87	105		181		181
100-12	382	76	81	101	109	170	109	170
100-32	397							

	g	$g_{1, 50Hz}$	$m_{1, 50Hz}$	$n_{2, 50Hz}$	x_{50Hz}	$g_{1, 87Hz}$	$m_{1, 87Hz}$	$n_{2, 87Hz}$	x_{87Hz}
	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
080-32	156	172	241	161	32.5	172	241	161	32.5
090-12	176	177			36.2	206	260	176	35.2
100-12	194	217	260	176	42.4				
100-32									

	d	d_2	l	l_1	l_2	t	u
	j6						
	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
080-32	19	M6	40	4	32	21.5	6.0
090-12	24	M8	50	5	40	27.0	8.0
100-12	28	M10	60		50	31.0	

	Flange size						
		a_2	b_2	e_2	f_2	s_2	i_2
			j6				-0.6 ... 0.5
		[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
080-32	FT100	120	80	100	3.0	M6x12	40.0
	FT130	160	110	130	3.5	M8x14	
090-12	FT115	140	95	115	3.0	M8x16	50.0
100-12	FT130	160	110	130	3.5	M8x14	60.0
100-32							

Motors with blower



	k_4	g_3	m_2	n_3	P_6
	[mm]	[mm]	[mm]	[mm]	[mm]
063-32	12	115	95	105	1x M16x1.5
063-42					
071-12		122			
071-32					
071-42					
080-12	13	132	96	106	
080-32					
080-42					
090-12	22	141	95	105	
090-32					
100-12		150			
100-32					

Features and assignments

The three-phase motors can be fitted with a spring-applied brake. It is activated as soon as the supply voltage is switched off (closed-circuit principle). For each size of motor, there are several braking torques. This enables optimum adaptation of the braking torque to the application. For applications with very high operating frequencies, a longlife version of the brake which features a reinforced braking mechanism is also available.

Features

Versions
- **Standard**

1 x 10^6 Repeating switching cycles
1 x 10^6 Reversing switching cycles
- **LongLife**

10 x 10^6 Repeating switching cycles
15 x 10^6 Reversing switching cycles

Degree of protection
- IP55 without manual release
- IP54 with manual release

Friction lining
- Asbestos-free, low-wear

Options
- Manual release
- Approvals UL/CSA
- Low noise

Motor - brake assignment: 4-pole motors

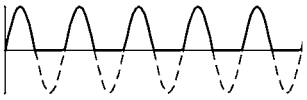
Design	Standard		LongLife	
	Size	Rated torque	Size	Rated torque
	Brake		Brake	
		M_k		M_k
		[Nm]		[Nm]
MD□□□□□063-32 **MD□□□□□063-42** **MF□□□□□063-32** **MF□□□□□063-42**	**06**	4.00	**06**	4.00
MD□□□□□071-32 **MF□□□□□071-32**	**06** **08**	4.00 3.50	**06** **08**	4.00 3.50
MD□□□□□071-42 **MF□□□□□071-42**	**06** **06** **08** **08**	2.50 4.00 3.50 8.00	**06** **08** **08**	4.00 3.50 8.00
MD□□□□□080-12 **MD□□□□□080-32** **MH□□□□□080-32** **MF□□□□□080-32**	**08** **08** **10**	3.50 8.00 7.00	**08** **10**	8.00 7.00
MD□□□□□080-42 **MD□□□□□080-42**	**08** **08** **10** **10**	3.50 8.00 7.00 16.0	**08** **10** **10**	8.00 7.00 16.0

Design	Standard		LongLife	
	Size	Rated torque	Size	Rated torque
	Brake		Brake	
		M_k		M_k
		[Nm]		[Nm]
MD□□□□□090-12 **MD□□□□□090-32** **MH□□□□□090-12** **MH□□□□□090-32**	**08** **08** **10** **10** **10**	3.50 8.00 7.00 16.0 23.0	**08** **10** **10**	8.00 7.00 16.0
MD□□□□□100-12	**10** **10** **12** **12**	7.00 16.0 14.0 32.0	**10** **12** **12**	16.0 14.0 32.0
MD□□□□□100-32	**10** **10** **12** **12** **12**	7.00 16.0 14.0 32.0 46.0		

Brake connection

The L-force 8400 motec and protec decentralised frequency inverters provide a rectified AC voltage for controlling the brakes.

- The brake rectifier is integrated
- The electrical solution is wear free
- Suitable for fast switching systems thanks to disconnection on the DC side
- Ratio of supply voltage to brake coil voltage = 2.22

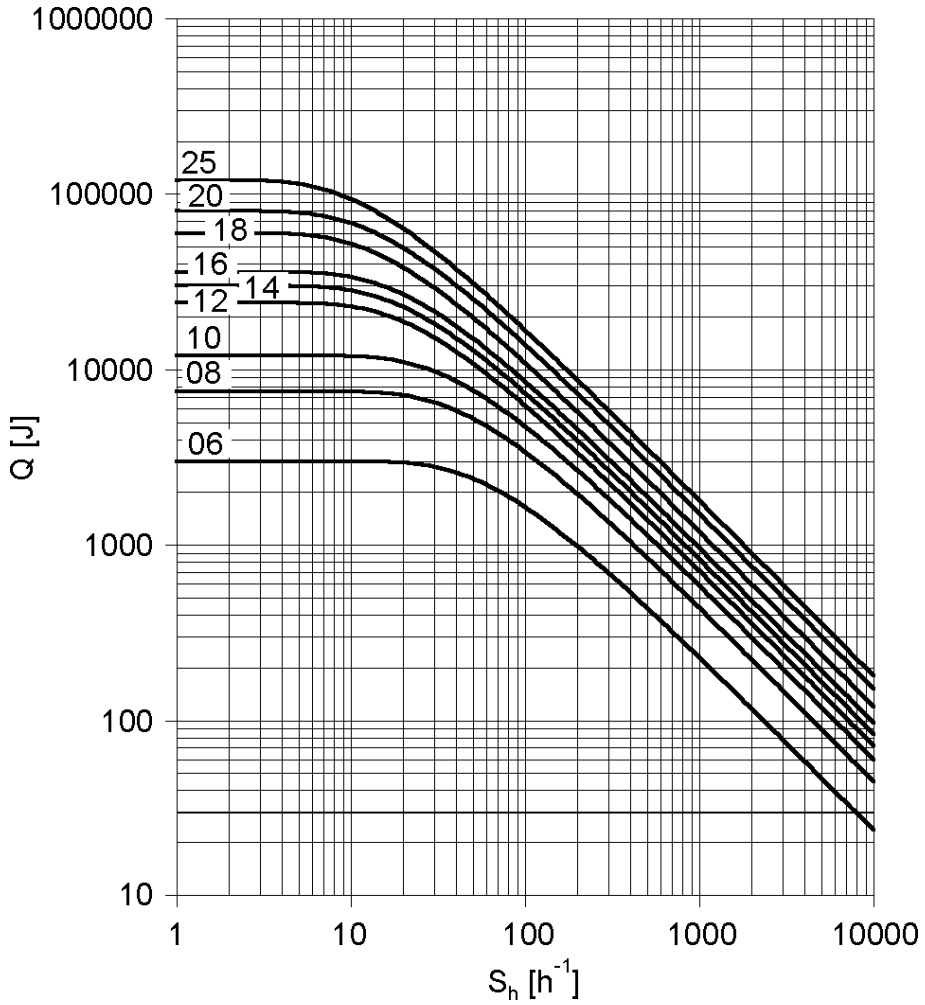


Reduction of holding current on the 8400 motec > 1.5 kW

At outputs > 1.5kW, the 8400 motec also offers the holding current reduction function (overcurrent when releasing and current reduction when applying the brake).

- Low energy loss
- Reduced brake heating
- Secure and fast brake release

Permissible friction energy



Q =Switching energy per switching cycle
S_h =Operating frequency
Brake size = 06 ... 25

Brake data, reduced braking torque

► Please enquire for braking torques and maximum switching work values not listed here.

Size			06	08	10	12
Coil power	P	[kW]	0.020	0.025	0.030	0.040
Braking torque						
100	M_B	[Nm]	2.50	3.50	7.00	14.0
1000	M_B	[Nm]	2.30	3.10	6.10	12.0
1200	M_B	[Nm]	2.30	3.10	6.00	12.0
1500	M_B	[Nm]	2.20	3.00	5.80	11.0
1800	M_B	[Nm]	2.10	2.90	5.70	11.0
3000	M_B	[Nm]	2.00	2.80	5.30	10.0
3600	M_B	[Nm]	2.00	2.70	5.20	10.0 [1]
Maximum switching energy						
100	Q_E	[KJ]	3.00	7.50	12.0	24.0
1000	Q_E	[KJ]	3.00	7.50	12.0	24.0
1200	Q_E	[KJ]	3.00	7.50	12.0	24.0
1500	Q_E	[KJ]	3.00	7.50	12.0	24.0
1800	Q_E	[KJ]	3.00	7.50	12.0	24.0
3000	Q_E	[KJ]	3.00	7.50	12.0	24.0
3600	Q_E	[KJ]	3.00	7.50	12.0	7.00 [1]
Transition operating frequency	$S_{hü}$	[1/h]	79.0	50.0	40.0	30.0
Moment of inertia	J	[kgcm²]	0.015	0.061	0.20	0.45
Mass	m	[kg]	0.90	1.50	2.60	4.20

[1] In the region of the load limit the value for friction energy Q_{BW} can be reduced to 40 %.

8

Control of the brake via internal brake switch

Size			06	08	10	12
Friction energy	Q_{BW}	[MJ]	113	210	264	706
Delay time Engaging	t_{11}	[ms]	11.0	14.0	20.0	21.0
Rise time Braking torque	t_{12}	[ms]	13.0	10.0	17.0	19.0
Engagement time	t_1	[ms]	24.0		37.0	40.0
Disengagement time	t_2	[ms]	35.0	37.0	57.0	65.0

Brake data, standard braking torque

► Please enquire for braking torques and maximum switching work values not listed here.

Size			06	08	10	12
Coil power	**P**	[kW]	0.020	0.025	0.030	0.040
Braking torque						
100	M_B	[Nm]	4.00	8.00	16.0	32.0
1000	M_B	[Nm]	3.70	7.20	14.0	27.0
1200	M_B	[Nm]	3.60	7.00	14.0	27.0
1500	M_B	[Nm]	3.50	6.80	13.0	26.0
1800	M_B	[Nm]	3.40	6.70	13.0	26.0
3000	M_B	[Nm]	3.20	6.30	12.0	24.0
3600	M_B	[Nm]	3.20	6.10	12.0	23.0 [1]
Maximum switching energy						
100	Q_E	[KJ]	3.00	7.50	12.0	24.0
1000	Q_E	[KJ]	3.00	7.50	12.0	24.0
1200	Q_E	[KJ]	3.00	7.50	12.0	24.0
1500	Q_E	[KJ]	3.00	7.50	12.0	24.0
1800	Q_E	[KJ]	3.00	7.50	12.0	24.0
3000	Q_E	[KJ]	3.00	7.50	12.0	24.0
3600	Q_E	[KJ]	3.00	7.50	12.0	7.00 [1]
Transition operating frequency	$S_{hü}$	[1/h]	79.0	50.0	40.0	30.0
Moment of inertia	**J**	[kgcm²]	0.015	0.061	0.20	0.45
Mass	**m**	[kg]	0.90	1.50	2.60	4.20

[1] In the region of the load limit the value for friction energy Q_{BW} can be reduced to 40 %.

Control of the brake via internal brake switch

Size			06	08	10	12
Friction energy	Q_{BW}	[MJ]	85.0	158	264	530
Delay time Engaging	t_{11}	[ms]	15.0		28.0	
Rise time Braking torque	t_{12}	[ms]	13.0	16.0	19.0	25.0
Engagement time	t_1	[ms]	28.0	31.0	47.0	53.0
Disengagement time	t_2	[ms]	45.0	57.0	76.0	115

Brake data, increased braking torque

► Please enquire for braking torques and maximum switching work values not listed here.

Size			10	12
Coil power	**P**	[kW]	0.030	0.040
Braking torque				
100	M_B	[Nm]	23.0	46.0
1000	M_B	[Nm]	20.0	39.0
1200	M_B	[Nm]	20.0	39.0
1500	M_B	[Nm]	19.0	38.0
1800	M_B	[Nm]	19.0	37.0
3000	M_B	[Nm]	17.0	34.0
3600	M_B	[Nm]	17.0	33.0 [1)]
Maximum switching energy				
100	Q_E	[KJ]	12.0	24.0
1000	Q_E	[KJ]	12.0	24.0
1200	Q_E	[KJ]	12.0	24.0
1500	Q_E	[KJ]	12.0	24.0
1800	Q_E	[KJ]	12.0	24.0
3000	Q_E	[KJ]	12.0	24.0
3600	Q_E	[KJ]	12.0	7.00 [1)]
Transition operating frequency	$S_{hü}$	[1/h]	40.0	30.0
Moment of inertia	**J**	[kgcm²]	0.20	0.45
Mass	**m**	[kg]	2.60	4.20

[1)] In the region of the load limit the value for friction energy Q_{BW} can be reduced to 40 %.

8

Control of the brake via internal brake switch

Size			10	12
Friction energy	Q_{BW}	[MJ]	198	353
Delay time Engaging	t_{11}	[ms]	10.0	16.0
Rise time Braking torque	t_{12}	[ms]	19.0	25.0
Engagement time	t_1	[ms]	29.0	41.0
Disengagement time	t_2	[ms]	109	193

Rated data

The use of a blower enables operation below 20 Hz without torque derating.

Blower data 50 Hz

	Number of phases	Connection method					
			U_{min}	U_{max}	P_{max}	I_{max}	m
			[V]	[V]	[kW]	[A]	[kg]
063	1		230	277	0.027	0.10	2.00
	3	Δ	220	290	0.029		
		Y	380	500		0.050	
071	1		230	277	0.028	0.10	2.10
	3	Δ	220	290	0.030		
		Y	380	500		0.050	
080	1		230	277	0.029	0.11	2.30
	3	Δ	220	290	0.031	0.10	
		Y	380	500		0.050	
090	1		220	277	0.082	0.30	2.70
	3	Δ		290	0.097	0.34	
		Y	380	500		0.19	
100	1		220	277	0.086	0.31	3.00
	3	Δ		290	0.10	0.35	
		Y	380	500		0.19	

Blower data 60 Hz

	Number of phases	Connection method					
			U_{min}	U_{max}	P_{max}	I_{max}	m
			[V]	[V]	[kW]	[A]	[kg]
063	1		230	277	0.038	0.11	2.00
	3	Δ	220	332	0.032		
		Y	380	575		0.060	
071	1		230	277	0.041	0.12	2.10
	3	Δ	220	332	0.033	0.10	
		Y	380	575		0.060	
080	1		230	277	0.044	0.13	2.30
	3	Δ	220	332	0.034	0.10	
		Y	380	575		0.060	
090	1		220	277	0.070	0.25	2.70
	3	Δ		332	0.10	0.30	
		Y	380	575		0.18	
100	1		220	277	0.079	0.29	3.00
	3	Δ		332	0.10	0.32	
		Y	380	575		0.18	

Incremental encoder

Encoder type			**HTL incremental**
Product key			**IG128-24V-H**
Encoder type			
Pulses			128
Output signals			HTL
Interfaces			A, B track
Absolute revolutions			0
Accuracy		[']	-22.5 ... 22.5
Min. input voltage DC	$U_{in,min}$	[V]	8.00
Max. input voltage DC	$U_{in,max}$	[V]	26.0
Max. current consumption	I_{max}	[A]	0.040
Limit frequency	f_{max}	[kHz]	30.0

The thermal sensors are integrated into the windings. There is no need to use an additional motor protection switch.

TKO thermal contacts

Function	Operating temperature	Min. reset temperature	Max. reset temperature	Max. input current	Max. input voltage
					AC
	T	T_{min}	T_{max}	$I_{in,max}$	$U_{in,max}$
	-5 ... 5				
	[°C]	[°C]	[°C]	[A]	[V]
NC contact	150	90.0	135	2.50	250

Decentralised drive solutions

Just like on our central 8400 control cabinet devices, the new decentralised drive solutions also save valuable time in all phases of the value-added chain - from installation, right up to service work. The new Inverter Drives 8400 motec and protec are also particularly innovative. Diverse options and accessories allow simple system integration and lead to cost-efficient drive solutions.

Consistently rightsized
You can choose exactly what you need for your individual application from a scaled product range, whether simple or complex.

The same product features – the same operation
Uniform product features simplify handling: once trained, designers, operators and service personnel can work confidently with all products on this platform. This saves valuable time – during project planning and commissioning, as well as during actual operation. You can perform the simplest of commissioning processes via DIP switches. Or why not make use of the engineering tool "L-force Engineer" for your most discerning tasks.

Plug&drive – Pluggable connection system
Unpack, plug in and you're ready to go. All the connections on the 8400 decentralised inverter (from the shielded motor cable and the mains supply right through to the fieldbus link and the connection of the sensors) consist of standardised screwed connections or connectors. The result: faster installation times.

Diagnostics at a glance
The excellent diagnostics options, which rely on status LEDs and easy-to-read displays, also play a role in increasing plant availability. For example, the 8400 motec features a large, two-coloured LED, which provides you with information about the inverter's status from a long way off.

Inverter Drives 8400 motec

Inverter Drives 8400 protec

8400 motec

The 8400 motec motor inverter is characterised by its user-friendly operation and installation.

The high level of efficiency that the 8400 motec demonstrates with regard to costs, space, time and energy is particularly apparent in the case of so-called "basic applications"

Cost benefits
- Really easy commissioning via DIP switches and potentiometer settings
- Reduced energy requirements thanks to energy-saving functions in conjunction with Lenze geared motors

Space benefits
- Integrated safety and fieldbus communication according to individual requirements
- Modular structure keeps the size of your spares inventory to a minimum

Time benefits
- Faster mounting and installation thanks to pluggable connection system: "unpack – plug in and get going!"
- The easy-to-replace memory module facilitates standard set-up and increases availability

Energy efficiency
- "VFC eco" mode enables the magnetising current to be adapted intelligently
- Energy savings of up to 30% can be achieved in the partial load operational range

Other benefits
- 200% overload current (3s)
- U/f control with and without encoder
- Sensorless vector control
- Short-circuit-proof and earth-fault protected
- DC-injection braking
- S-shaped ramp for smooth acceleration
- Max. output frequency 500 Hz
- 3 fixed frequencies
- CANopen, PROFIBUS, PROFINET, EtherCAT and AS interface
- STO safety function

Refreshingly straightforward
- The large LED, which you can see from a long way off, indicates the status during operation, with error causes signalled by means of various blinking patterns. This creates clarity during diagnostics and makes the whole process really easy

Mechanically and electrically robust
- Ideal for the most adverse of environments thank to the high IP65 degree of protection.

Major plus for decentralised applications
- All in all, the 8400 motec does everything expected of a modern and cost-effective motor inverter that is designed for universal use. Consequently, it is the perfect choice for decentralised tasks in the field of intralogistics, such as at airports or distribution centres.

Inverter Drives 8400 motec

A wall-mounted device with a high level of integration for complex decentralised systems. This device really stands out thanks to its sturdy construction, high level of operational reliability and rapid installation.

This highly functional inverter supports both straightforward and servo-like applications. The 8400 protec is supplied together with all necessary modules and interfaces, which means that it is ready to be connected straight away.

Local diagnostics

- There is a large display to keep you constantly informed of the device's operating status.
- Additional diagnostics information is signalled by the clearly arranged LEDs. These rapid diagnostic tools are an effective way of helping to increase plant availability.

Integrated decentralised positioning

- This device provides a cost-effective way of achieving decentralised positioning applications with asynchronous motors. Whether you are interested in switch-off, table or absolute positioning, the 8400 protec offers integrated solutions for all these applications. The functional range is rounded off with an option that allows you to connect both incremental and absolute value encoders.
- Parameters can be set conveniently using the "L-force Engineer“ software. The products in this range also feature a freely editable function block interconnection for integrating logic, arithmetic and mathematical programs based on graphical programming.

Safety engineering in accordance with EN ISO 13849-1

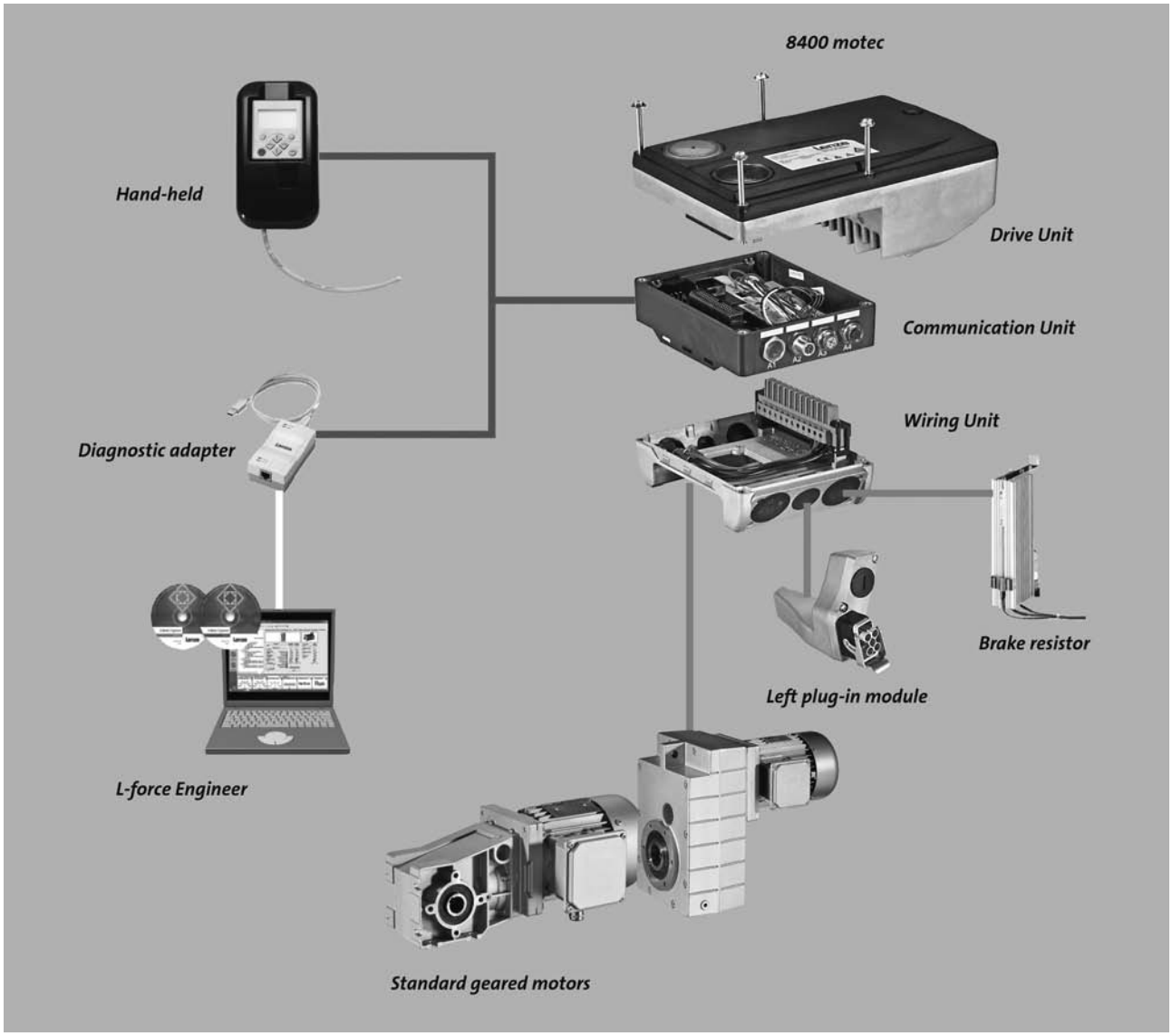
- The certified safety system enables not only the connection of local safety elements and safe communication via PROFIsafe but also a series of safety functions.
- Safe torque off (STO)
- Safe stop 1 (SS1)
- Safe stop emergency (SSE)
- Safe operation mode selector (OMS)
- Safe enable switch (ES)

Other benefits

- 200% overload current (3s)
- V/f control with and without encoder
- Sensorless vector control
- Servo control
- Resistant to short circuits and earth faults
- DC-injection braking
- S-ramp for smooth acceleration
- Max. output frequency 1000 Hz
- 15 fixed frequencies
- Standardised connectors
- CANopen, PROFIBUS, PROFINET

Inverter Drives 8400 protec

8400 motec system overview



8400 motec equipment

Status display LED

L-force diagnostic interface

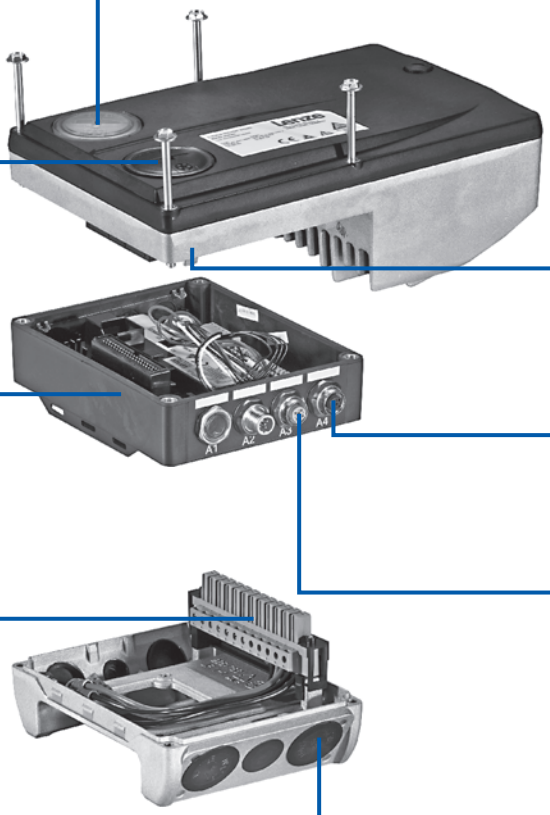
for USB adapter when PC or keypad is connected

Communication module

rotary so terminal side is variable

Plug connection

The three parts of the motec can be plugged into one another



DIP switch for quick setting

Safety system (STO)

Optional in the communication module

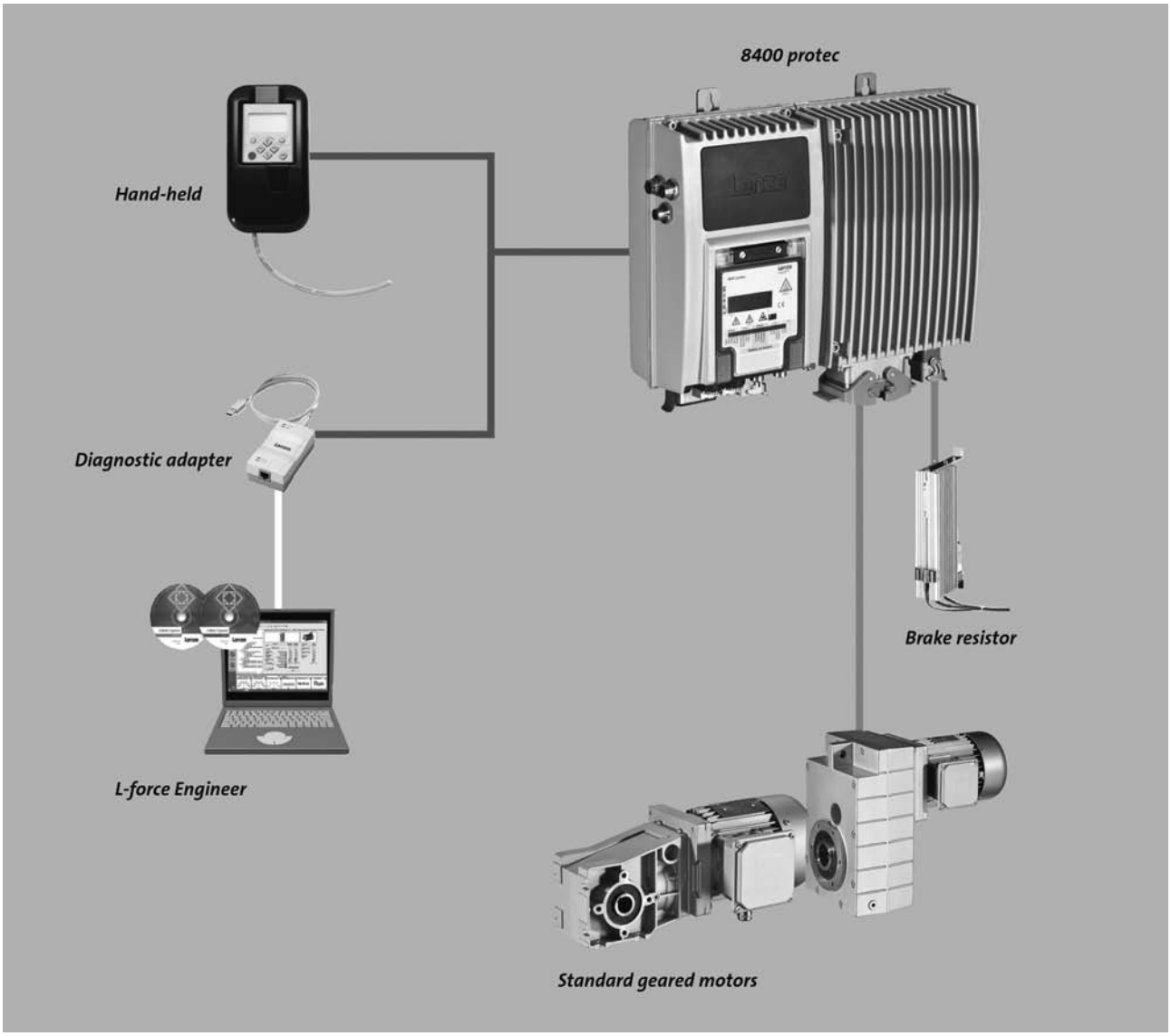
Plug connections

8 slots
A1 - A4 and B1 - B4

Power connections

Prepared for PG
Screwed connection
or plug-in module

8400 protec system overview



8400 protec equipment

Display and diagnostics

Status LEDs
L-force diagnostic interface

Safety system

optional

Brake resistor

Plug connection

Mains connection

Pluggable in loop-through technique

Motor connection

Connection via hybrid cable

Pluggable control connections

For commnication purposes and inputs/outputs

Functions and features

Mode Product	8400 motec	8400 protec
Control types, motor control	V/f control (linear or quadratic) V/f control with encoder Sensorless vector control (torque/speed)	V/f control (linear or quadratic) V/f control with encoder Sensorless vector control (torque/speed) Servo control (asynchronous motor)
Basic functions	Application-oriented commissioning (pre-defined application) Freely assignable user menu DC brake function Flying restart circuit S-shaped ramps for smooth acceleration Max. output frequency 300 Hz PID controller 3 fixed frequencies 200% overload current (3 s) "VFC eco" energy-saving function Parameter change-over (2x 16) Masking frequencies	Application-oriented commissioning (pre-defined application) Freely assignable user menu DC brake function Flying restart circuit S-shaped ramps for smooth acceleration Max. output frequency 1000 Hz PID controller 15 fixed frequencies 200% overload current (3 s) Parameter change-over (4x 32) Masking frequencies Logical functions, comparator, counter, arithmetic function Function block interconnection for input and output signals Free function block interconnection Point-to-point positioning
Monitoring and protective measures	Short circuit Earth fault Overvoltage Motor stalling $I^2 \times t$ monitoring Motor phase failure Mains phase failure Protection against restart for cyclic mains switching Motor overtemperature (input for PTC or thermal contact)	Short circuit Earth fault Overvoltage Motor stalling $I^2 \times t$ monitoring Motor phase failure Mains phase failure Protection against restart for cyclic mains switching Motor overtemperature (input for PTC or thermal contact)
Diagnostics Diagnostic interface Status display	 Integrated For USB diagnostic adapter with PC connection or keypad 1 LEDs	 Integrated For USB diagnostic adapter with PC connection or keypad 18 LEDs
Braking operation Brake chopper Brake resistor	 Integrated Built-on module or external	 Integrated Internal or external

Control connections

Mode Product	8400 motec	8400 protec
Analog inputs		
Number	1 Switchable: voltage or current input	1 Optional: voltage or current input
Resolution	10 bits	10 bits
Value range	0 ... 10 V, 0/4 ... 20 mA	0 ... 10 V, 0/4 ... 20 mA
Digital inputs		
Number	6 (5 + 1 controller enable)	6/0 or 4/2 (configurable)
Switching level	PLC (IEC 61131-2)	PLC (IEC 61131-2)
Max. input current	11 mA	11 mA
Digital outputs		
Number	1	0 or 2 (configurable)
Switching level	PLC (IEC 61131-2)	PLC (IEC 61131-2)
Max. output current	50 mA	200 mA per output
Relay		
Number	1	
Contact	NO contact	
AC connection	250 V, 3 A	
DC connection	24 V, 2 A ... 240 V, 0.16 A	
External 24 V DC supply	To support communication when the 400 V is switched off	To support communication when the 400 V is switched off
Internal 24 V DC supply	Max. 100 mA for inputs/outputs and sensor feeds	Max. 1 A for inputs/outputs and sensor feeds
Interfaces		
CANopen		on board optional
Extensions	Fieldbus via communication unit	Integrated fieldbus communication
Safety engineering	1 safe input for passive/active actuators	1-2 safe inputs for passive/active actuators/PROFIsafe/PROFIsafe, depending on the safety option selected
Drive interface		
Encoder input	HTL, 2-track, 10 kHz Via 2 digital inputs,	HTL, 2-track, 10 kHz can also be used as a frequency input, 100 kHz, Via 2 digital inputs, SSI input (instead of analog input),

[1] For mains-independent control electronics supply

Standards and operating conditions

Mode Product			8400 motec
Conformity Type			CE: Low-Voltage Directive
Approval UL 508C			Power Conversion Equipment (File-No. E170350) [1]
Enclosure EN 60529 NEMA 250			IP65 Type 4 Type 12 [2]
Climatic conditions Storage (EN 60721-3-1) Transport (EN 60721-3-2) Operation (EN 60721-3-3) Current derating at over 45°C			1K3 (temperature: -30 °C ... +60 °C) 2K3 (temperature: -30 °C ... +75 °C) 3K3 (temperature: -30°C ... +55°C) 2.5% / K
Site altitude Amsl Current derating at over 1000 m		[] []	4000 5.00
Vibration resistance Transport (EN 60721-3-2) Operation (EN 60721-3-3) Operation (Germanischer Lloyd)			2M2 3M6 General conditions: acceleration resistant up to 2 g

Mode Product	8400 motec
Supply form	Systems with earthed star point (TN and TT systems) Systems with high-resistance or isolated star point (IT systems)
Noise emission EN 61800-3	Integrated radio interference suppression measures: conducted, category C1 Wall mounting: category C2 with a shielded motor cable of up to 20 m
Insulation resistance EN 61800-5-1	≤ 2000 m amsl overvoltage category III > 2000 m amsl overvoltage category II
Degree of pollution EN 61800-5-1	2
Protective insulation of control circuits EN 61800-5-1	Safe mains isolation: double/reinforced insulation

[1] In preparation: E84DVB□2224/3024S□1N2G
[2] Not with plug-in or braking resistor modules.

Standards and operating conditions

Mode Product			8400 protec
Conformity Type			CE: Low-Voltage Directive
Approval UL 508C [1]			
Enclosure EN 60529 NEMA 250 [1]			IP65 with control element "C" IP54
Climatic conditions Storage (EN 60721-3-1) Transport (EN 60721-3-2) Operation (EN 60721-3-3) Current derating at over 45°C			 1K3 (temperature: -25 °C ... +60 °C) 2K3 (temperature: -25 °C ... +75 °C) 3K3 (temperature: -25°C ... +55°C) 2.5% / K
Site altitude Amsl Current derating at over 1000 m	H_{max}	[m] [%/1000 m]	 4000 5.00
Vibration resistance Transport (EN 60721-3-2) Operation (EN 60721-3-3) Operation (Germanischer Lloyd)			 2M2 3M6

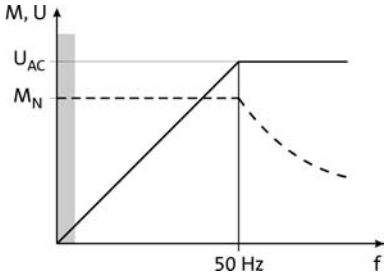
Mode Product	8400 protec
Supply form	Systems with earthed star point (TN and TT systems)
Noise emission EN 61800-3	Integrated RFI suppression: cable-guided, category C2 up to 20 m shielded motor cable
Insulation resistance EN 61800-5-1	≤ 2000 m amsl overvoltage category III > 2000 m amsl overvoltage category II
Degree of pollution EN 61800-5-1	2
Protective insulation of control circuits EN 61800-5-1	Safe mains isolation: double/reinforced insulation

[1] In preparation.

Whatever the application case, there is nearly always a frequency inverter to ensure that a system remains energy-efficient during operation. That is why there are various operating modes available that can be accessed by making a number of straightforward settings. In order to be able to identify the optimum operating mode at project planning stage, please refer to the following characteristics as well as to the associated technical data on subsequent pages.

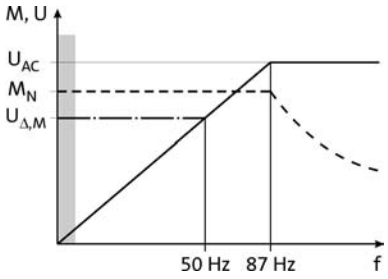
Standard setting

In its initial state when delivered, the frequency inverter is set up for simple operation on a three-phase AC motor with V/f control. In this mode, the rated torque of the motor is available in a setting range up to 50 Hz.



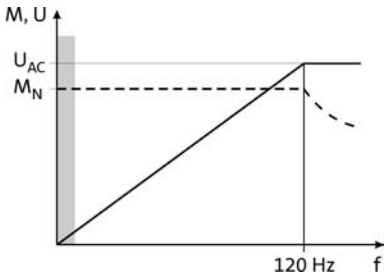
Extended setting range up to 87 Hz

If the V/f breakpoint is set to 87 Hz on the frequency inverter, the rated torque can be taken into account in an extended setting range. A 230/400 V motor might be connected in a delta layout with a 400 V frequency inverter here. The setting range is increased by 40 %. The frequency inverter must be dimensioned to handle the rated motor current of 230 V.



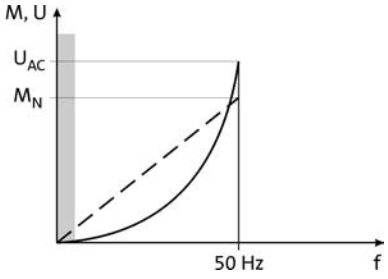
Operation with MF inverter-optimised motors

A large setting range and optimum operation with rated torque: these are the strengths of the MF motor on a frequency inverter. The motors are optimised for a setting range up to 120 Hz. When compared to 50 Hz operation, the setting range is 250 % greater. A drive simply cannot be operated more efficiently in a machine.



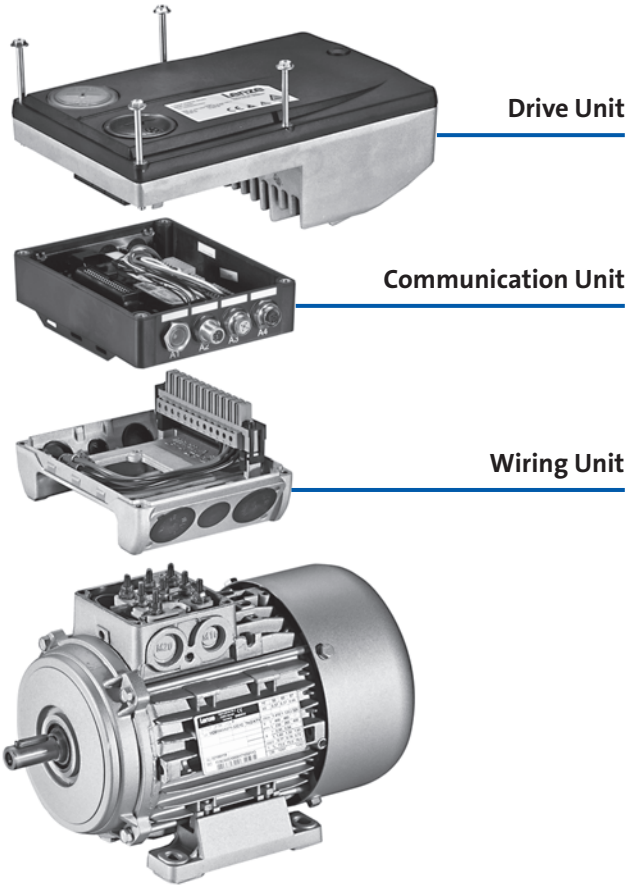
Operation with low loads

If a frequency inverter is used for a fan or a pump, the load is lower than in other applications. Here, the inverter can be operated in the "Increased rated power" mode. The required power is quadratic and a 1.2x overload capacity is sufficient. This characteristic can be set in the frequency inverter. As such, the inverter can be dimensioned one size smaller when set to this operating mode.



The three units

If you opt for the Drive Package, the 8400 motec motor inverter comes mounted on the geared motor. If you order the 8400 motec separately, all you need are four screws to mount it on the motor or the wall. To understand just how flexible the 8400 motec is, you need only consider its modular and well thought out structure, which consists of the "Drive Unit", "Communication Unit" and "Wiring Unit".
If the 8400 is ordered individually, you have a choice of various "units", which are supplied separately. The specific functions of the various units are as follows:



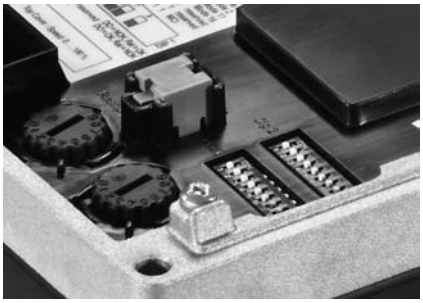
Drive Unit
- Inverter power unit
- Easy commissioning via DIP switches, potentiometer or diagnosis terminal
- An easy-to-replace memory module
- Large LED for the status display

Communication Unit
- Interface for I/Os and fieldbus links
- AS interface, CANopen, EtherCAT, PROFIBUS or PROFINET
- I/Os and on-board safety
- Pluggable M12 connection system

Wiring Unit
- Connections to the mains and to the drive
- Flexible connection options such as cable glands and diverse plug-in connectors
- Connection for brake resistor
- Connection for spring-applied brake

Drive Unit

Alongside the power section, the drive unit has several DIP switches and potentiometers on its underside. These make it easy to commission the inverter, allowing the configuration, speed and ramp to be set. This in turn allows the drive to be quickly and easily matched to the system.



Dip switches on Drive Unit

For the purpose of diagnostics, you can plug in a diagnostic adapter alongside the status display without having to disassemble the drive. Thanks to the potentiometer that can be accessed from above, you can make speed settings while the motor is actually running.

Drive Unit diagnostic terminal

Drive Unit diagnostic terminal

Communication unit

The communication modules support the following functions:
- Inverter control via digital and analog signals
- Inverter control via fieldbus systems
- Safe torque off functionality supported
- Connection options for sensors and actuators
- Sensors can be supplied with power using internal 24 V supply
- Connection possible via cable glands and M12 connectors. Up to a total of 8 screwed connections/connectors can be used. The individual Communication Units are equipped with the relevant connections according to the function they serve as standard.

Communication unit

Versions
- Basic I/O
- Standard I/O
- AS-i
- CANopen
- EtherCAT
- PROFIBUS
- PROFINET

Wiring Unit

The wiring unit forms the interface between the various motor sizes and inverters. It also secures flexibility in terms of options for connection of mains power, motor, brake and brake resistor.

The wiring unit also serves as a carrier for various additional modules such as:
- Wall mounting bracket
- Q5 plug-in module
  as a Q5 plug-in connection or loop-through connection
- Q4/2 plug-in module
  as a Q4/2 plug-in connection or loop-through connection
- Q8 plug-in module
  as a Q8 plug-in connection for the motor when wall mounted
- Brake cartridges
  for brake operation via the integrated brake chopper

Wiring Unit

8400 motec rated data

- The data is valid for operation at 400 V AC.
- Unless otherwise specified, the data refers to the default setting.

Typical motor power 4-pole asynchronous motor	**P**	[kW]	**0.37**	**0.55** [1)]	**0.55**	**0.75** [1)]
Product key Inverter Drive Unit			**E84DVB□3714S□□□2□** E84DGDVB37142PS		**E84DVB□5514S□□□2□** E84DGDVB55142PS	
Mains voltage range	U_{AC}	[V]	3/PE AC 320 V-0 % ... 528 V+0 %, 45 Hz-0 % ... 65 Hz+0 %			
Rated mains current	$I_{N, AC}$	[A]	1.30	1.60	1.80	2.20
Rated output current	$I_{N, out}$	[A]	1.30	1.60	1.80	2.20
Rated switching frequency	f_{ch}	[kHz]	8.00	4.00	8.00	4.00
Output current						
4 kHz	I_{out}	[A]	1.30	1.60	1.80	2.20
8 kHz	I_{out}	[A]	1.30		1.80	
16 kHz	I_{out}	[A]	0.90		1.20	

Rated data for 60 s overload

Max. output current	$I_{max, out}$	[A]	2.00	2.70
Overload time	t_{ol}	[s]	60.0	
Recovery time	t_{re}	[s]	120	

Rated data for 3 s overload

Max. short-time output current	$I_{max, out}$	[A]	2.60	3.60
Overload time	t_{ol}	[s]	3.00	
Recovery time	t_{re}	[s]	12.0	

[1)] Increased rated power operating mode at 40 °C ambient temperature and max. mains voltage of 400 V AC

8400 motec rated data

- The data is valid for operation at 400 V AC.
- Unless otherwise specified, the data refers to the default setting.

Typical motor power 4-pole asynchronous motor	**P**	[kW]	**0.37**	**0.55** [1]	**0.55**	**0.75** [1]
Product key Inverter Drive Unit			**E84DVB□3714S□□□2□** E84DGDVB37142PS		**E84DVB□5514S□□□2□** E84DGDVB55142PS	
Power loss	P_V	[W]	26.0		33.0	
Mass	**m**	[kg]	2.60			
Max. cable length Shielded motor cable [2]	I_{max}	[m]	20.0			

Brake chopper rated data

Rated power, Brake chopper	P_N	[kW]	0.37	0.45	0.55	0.66
Max. output power, Brake chopper	$P_{max, 1}$	[kW]	0.55		0.83	
Min. brake resistance	R_{min}	[Ω]	180			

Dimensions

Dimensions			
Height	**h**	[mm]	109
Width	**b**	[mm]	161
Depth	**t**	[mm]	241.0

[1] Increased rated power operating mode at 40 °C ambient temperature and max. mains voltage of 400 V AC
[2] Technically possible cable lengths, irrespective of EMC requirements

8400 motec rated data

- The data is valid for operation at 400 V AC.
- Unless otherwise specified, the data refers to the default setting.

Typical motor power 4-pole asynchronous motor	**P**	[kW]	**0.75**	**1.10** [1)]	**1.10**	**1.50** [1)]
Product key Inverter Drive Unit			**E84DVB□7514S□□□2□** E84DGDVB75142PS		**E84DVB□1124S□□□2□** E84DGDVB11242PS	
Mains voltage range	U_{AC}	[V]	3/PE AC 320 V-0 % ... 528 V+0 %, 45 Hz-0 % ... 65 Hz+0 %			
Rated mains current	$I_{N, AC}$	[A]	2.40	2.90	3.20	3.80
Rated output current	$I_{N, out}$	[A]	2.40	2.90	3.20	3.80
Rated switching frequency	f_{ch}	[kHz]	8.00	4.00	8.00	4.00
Output current						
4 kHz	I_{out}	[A]	2.40	2.90	3.20	3.80
8 kHz	I_{out}	[A]	2.40		3.20	
16 kHz	I_{out}	[A]	1.60		2.10	

Rated data for 60 s overload

Max. output current	$I_{max, out}$	[A]	3.60	4.80
Overload time	t_{ol}	[s]	60.0	
Recovery time	t_{re}	[s]	120	

Rated data for 3 s overload

Max. short-time output current	$I_{max, out}$	[A]	4.80	6.40
Overload time	t_{ol}	[s]	3.00	
Recovery time	t_{re}	[s]	12.0	

[1)] Increased rated power operating mode at 40 °C ambient temperature and max. mains voltage of 400 V AC

8400 motec rated data

- The data is valid for operation at 400 V AC.
- Unless otherwise specified, the data refers to the default setting.

Typical motor power 4-pole asynchronous motor	**P**	[kW]	**0.75**	**1.10** [1]	**1.10**	**1.50** [1]
Product key Inverter Drive Unit			**E84DVB□7514S□□□2□** E84DGDVB75142PS		**E84DVB□1124S□□□2□** E84DGDVB11242PS	
Power loss	P_V	[W]	41.0		52.0	
Mass	**m**	[kg]	2.60			
Max. cable length Shielded motor cable [2]	I_{max}	[m]	20.0			

Brake chopper rated data

Rated power, Brake chopper	P_N	[kW]	0.75	0.90	1.10	1.32
Max. output power, Brake chopper	$P_{max, 1}$	[kW]	1.30		1.65	
Min. brake resistance	R_{min}	[Ω]	180			

Dimensions

Dimensions			
Height	**h**	[mm]	109
Width	**b**	[mm]	161
Depth	**t**	[mm]	241.0

[1] Increased rated power operating mode at 40 °C ambient temperature and max. mains voltage of 400 V AC
[2] Technically possible cable lengths, irrespective of EMC requirements

8400 motec rated data

- The data is valid for operation at 400 V AC.
- Unless otherwise specified, the data refers to the default setting.

Typical motor power 4-pole asynchronous motor	**P**	[kW]	**1.50**	**2.20** [1)]	**2.20**	**3.00** [1)]
Product key Inverter Drive Unit			**E84DVB□1524S□□□2□** E84DGDVB15242PS		**E84DVB□2224S□□□2□** E84DGDVB22242PS	
Mains voltage range	U_{AC}	[V]	3/PE AC 320 V-0 % ... 528 V+0 %, 45 Hz-0 % ... 65 Hz+0 %			
Rated mains current	$I_{N, AC}$	[A]	3.80	4.50	5.60	6.70
Rated output current	$I_{N, out}$	[A]	3.90	4.70	5.60	6.70
Rated switching frequency	f_{ch}	[kHz]	8.00	4.00	8.00	4.00
Output current						
4 kHz	I_{out}	[A]	3.90	4.70	5.60	6.70
8 kHz	I_{out}	[A]	3.90		5.60	
16 kHz	I_{out}	[A]	2.60		3.70	

Rated data for 60 s overload

Max. output current	$I_{max, out}$	[A]	5.90	8.40
Overload time	t_{ol}	[s]	60.0	
Recovery time	t_{re}	[s]	120	

Rated data for 3 s overload

Max. short-time output current	$I_{max, out}$	[A]	7.80	11.2
Overload time	t_{ol}	[s]	3.00	
Recovery time	t_{re}	[s]	12.0	

[1)] Increased rated power operating mode at 40 °C ambient temperature and max. mains voltage of 400 V AC

8400 motec rated data

- The data is valid for operation at 400 V AC.
- Unless otherwise specified, the data refers to the default setting.

Typical motor power 4-pole asynchronous motor	**P**	[kW]	**1.50**	**2.20** [1]	**2.20**	**3.00** [1]
Product key Inverter Drive Unit			**E84DVB□1524S□□□2□** E84DGDVB15242PS		**E84DVB□2224S□□□2□** E84DGDVB22242PS	
Power loss	P_V	[W]	61.0		88.0	
Mass	**m**	[kg]	2.60		3.50	
Max. cable length Shielded motor cable [2]	I_{max}	[m]	20.0			

Brake chopper rated data

Rated power, Brake chopper	P_N	[kW]	1.50	1.80	2.20	2.64
Max. output power, Brake chopper	$P_{max, 1}$	[kW]	2.25		3.30	
Min. brake resistance	R_{min}	[Ω]	180		100	

Dimensions

Dimensions				
Height	**h**	[mm]	109	135
Width	**b**	[mm]	161	176
Depth	**t**	[mm]	241.0	261.0

[1] Increased rated power operating mode at 40 °C ambient temperature and max. mains voltage of 400 V AC
[2] Technically possible cable lengths, irrespective of EMC requirements

8400 motec rated data

- The data is valid for operation at 400 V AC.
- Unless otherwise specified, the data refers to the default setting.

Typical motor power 4-pole asynchronous motor	**P**	[kW]	**3.00**	**4.00** [1]
Product key Inverter Drive Unit			**E84DVB□3024S□□□2□** E84DGDVB30242PS	
Mains voltage range	U_{AC}	[V]	3/PE AC 320 V-0 % ... 528 V+0 %, 45 Hz-0 % ... 65 Hz+0 %	
Rated mains current	$I_{N, AC}$	[A]	7.20	8.60
Rated output current	$I_{N, out}$	[A]	7.30	8.70
Rated switching frequency	f_{ch}	[kHz]	8.00	4.00
Output current				
4 kHz	I_{out}	[A]	7.30	8.70
8 kHz	I_{out}	[A]	7.30	
16 kHz	I_{out}	[A]	4.90	

Rated data for 60 s overload

Max. output current	$I_{max, out}$	[A]	11.0
Overload time	t_{ol}	[s]	60.0
Recovery time	t_{re}	[s]	120

Rated data for 3 s overload

Max. short-time output current	$I_{max, out}$	[A]	14.6
Overload time	t_{ol}	[s]	3.00
Recovery time	t_{re}	[s]	12.0

[1] Increased rated power operating mode at 40 °C ambient temperature and max. mains voltage of 400 V AC

8400 motec rated data

- The data is valid for operation at 400 V AC.
- Unless otherwise specified, the data refers to the default setting.

Typical motor power 4-pole asynchronous motor	**P**	[kW]	**3.00**	**4.00** [1]
Product key Inverter Drive Unit			**E84DVB□3024S□□□2□** E84DGDVB30242PS	
Power loss	P_V	[W]	111	
Mass	**m**	[kg]	3.50	
Max. cable length Shielded motor cable [2]	I_{max}	[m]	20.0	

Brake chopper rated data

Rated power, Brake chopper	P_N	[kW]	3.00	3.60
Max. output power, Brake chopper	$P_{max, 1}$	[kW]	4.50	
Min. brake resistance	R_{min}	[Ω]	100	

Dimensions

Dimensions			
Height	**h**	[mm]	135
Width	**b**	[mm]	176
Depth	**t**	[mm]	261.0

[1] Increased rated power operating mode at 40 °C ambient temperature and max. mains voltage of 400 V AC
[2] Technically possible cable lengths, irrespective of EMC requirements

Communication modules

Various communication modules can be installed in the communication unit. They serve to connect the L-force Inverter Drives 8400 motec to a bus system.

Overview

	Controller enable	Digital inputs	Digital outputs	Relay outputs	Analog inputs	Safety STO	External 24 V DC supply
Communication module	Number	Number	Number	Number	Number	Number	Number
Basic I/O	1	2		1			
Standard I/O	1	5	1	1	1		
AS interface	1	5	1				
AS Interface STO	1	5	1	1	1	1	
CANopen	1	5	1				
CANopen STO	1	5	1	1	1	1	
EtherCAT	1	5	1				1
EtherCAT STO	1	5	1	1	1	1	1
PROFIBUS	1	5	1				1
PROFIBUS STO	1	5	1	1	1	1	1
PROFINET	1	5	1				1
PROFINET STO	1	5	1	1	1	1	1

► STO: Safe Torque Off

Safety engineering

The "safe torque off (STO)" safety function can be integrated into the Communication Unit in addition to the communication module. This combination is available with any bus.

Communication module	AS Interface STO	CANopen STO	EtherCAT STO	PROFIBUS STO	PROFINET STO
Certification					
EN ISO 13849-1			Category 4 PLe		
EN 61800-5-2			SIL 3		
EN 62061			SIL 3		
IEC 61508			SIL 3		
Fail-safe state			Safe torque off		

Communication modules without fieldbus link

The following modules are available for controlling the 8400 motec via digital signals:

- Basic I/O
- Standard I/O

The Basic I/O function module provides the inverter with a minimum number of digital inputs and outputs for the simplest applications.

The I/O function module Standard I/O provides the inverter with an extended number of digital inputs and outputs and is ideally suited to standard applications.

Basic I/O or Standard I/O

Product key	**E84DGFCN□NP**	**E84DGFCS□NP**
Mode Communication module	**Basic I/O**	**Standard I/O**
Features	2 digital inputs Controller enable 1 relay	Controller enable 5 digital inputs 1 digital output 1 analog input 1 relay
Number of free slots	8	8

Standards and operating conditions

Product key			**E84DGFCN□NP**	**E84DGFCS□NP**
Mode Communication module			**Basic I/O**	**Standard I/O**
Enclosure EN 60529			IP65	
Climatic conditions Storage (EN 60721-3-1) Operation (EN 60721-3-3) Transport (EN 60721-3-2)			1K3 (temperature: -30 °C ... +60 °C) 3K3 (temperature: -30°C ... +55°C) 2K3 (temperature: -30 °C ... +75 °C)	
Insulation voltage to reference earth/PE EN 61800-5-1	U_{AC}	[V]	50.0	

Pin assignment

In the case of the communication modules without fieldbus connection, only the variant "I/O terminal" is provided. It is connected by means of the cable gland.

AS interface (ASi) communication module

The AS interface communication module enables you to control the 8400 motec using digital control signals. The ASi bus system has become the established solution for transferring digital signals on the lowest field level. It is designed for applications that do not require the use of powerful fieldbus systems.

AS interface (ASi) communication module

The advantages of this system are:
- Easy handling and commissioning
- Less wiring effort
- Can be easily integrated into existing systems
- Cost reductions

Product key	**E84DGFCA□NP**	**E84DGFCA□JP**
Mode Communication module	**AS interface**	**AS Interface STO**
Features	Acyclical polling of diagnostic data Acyclical reading and writing of parameter sets Cyclical drive control Cyclical reading and writing of individual parameters Controller enable 5 digital inputs 1 digital output 4 digital inputs for when power is supplied via the ASi bus and there is no mains supply	Acyclical polling of diagnostic data Acyclical reading and writing of parameter sets Cyclical drive control Cyclical reading and writing of individual parameters Controller enable 5 digital inputs 1 digital output 4 digital inputs for when power is supplied via the ASi bus and there is no mains supply 1 analog input 1 relay Safety function STO
Number of free slots	6	6

Standards and operating conditions

Product key			**E84DGFCA□NP**	**E84DGFCA□JP**
Mode Communication module			**AS interface**	**AS Interface STO**
Enclosure EN 60529			IP65	
Climatic conditions Storage (EN 60721-3-1) Operation (EN 60721-3-3) Transport (EN 60721-3-2)			1K3 (temperature: -30 °C ... +60 °C) 3K3 (temperature: -30°C ... +55°C) 2K3 (temperature: -30 °C ... +75 °C)	
Insulation voltage to reference earth/PE EN 61800-5-1	U_{AC}	[V]	50.0	

AS interface (ASi) communication module

Technical data

Product key Communication module			E84DGFCA□NP	E84DGFCA□JP
Standard			EN 50295 / IEC 62026-2	
Communication Communication profile Medium			AS interface V3.0 2-wire cable for data and auxiliary power	
Network topology			Free topology (line, ring, tree, star)	
Node			max. 62 A/B slaves max. 31 standard slaves or safe slaves Slave (single or dual)	
Number of bus nodes			1 ... 31	
Max. cable length per bus segment	I_{max}	[m]	100 without repeaters / extenders 300 including 2 repeaters / extenders 500 only for star-shaped mains including repeaters / extenders	
Baud rate		[kBit / s]	167 (gross value) 53 (net with data transfer efficiency = 32%)	
Rated voltage DC	$U_{N, DC}$	[V]	24	

Pin assignment

Can be quickly connected to the bus and certain inputs/outputs via 5-pin M12 connector of the Communication Unit.

The connector is A-coded and can be connected using an ASi cable featuring penetration technology.

Mode	Variant	Product key	Slot							
Communication module			**A1**	**A2**	**A3**	**A4**	**B1**	**B2**	**B3**	**B4**
AS interface	**I/O terminal**	**E84DGFCAANP**	LED	ASi						
	I/O 2xM12	**E84DGFCA9NP**			DI1 DI2	DI3 DI4				
AS Interface STO	**I/O terminal**	**E84DGFCAAJP**								
	I/O 2xM12	**E84DGFCA9JP**			DI1 DI2	DI3 DI4				

- DI1 ... DI4= digital inputs
- LED= status display for bus communication

Communication module: CANopen

The CANopen communication module allows you to control the 8400 motec by sending digital control signals via the "CANopen“ bus system.

The advantages of this system are:
- Straightforward, yet extremely powerful, bus system
- Cost-effective
- Easy system integration, as there is a wide range of sensors and actuators available on the market

Communication module: CANopen

Product key	**E84DGFCC□NP**	**E84DGFCC□JP**
Mode Communication module	**CANopen**	**CANopen STO**
Features	Addressing via DIP switches or parameters Internal 24 V supply Controller enable 5 digital inputs 1 digital output	Addressing via DIP switches or parameters Internal 24 V supply Controller enable 5 digital inputs 1 digital output 1 analog input 1 relay Safety function STO
Number of free slots	6	6

Standards and operating conditions

Product key			**E84DGFCC□NP**	**E84DGFCC□JP**
Mode Communication module			**CANopen**	**CANopen STO**
Enclosure EN 60529			IP65	
Climatic conditions Storage (EN 60721-3-1) Operation (EN 60721-3-3) Transport (EN 60721-3-2)			1K3 (temperature: -30 °C ... +60 °C) 3K3 (temperature: -30°C ... +55°C) 2K3 (temperature: -30 °C ... +75 °C)	
Insulation voltage to reference earth/PE EN 61800-5-1	U_{AC}	[V]	50.0	

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Communication module: CANopen

Technical data

Product key Communication module			E84DGFCC□NP	E84DGFCC□JP
Communication Medium Communication profile			DIN ISO 11898 CANopen, DS301 V4.02 Lenze system bus	
Baud rate		[kBit / s]	20 50 125 250 500 800 1000	
Node			Multi-master Slave	
Network topology			Line with terminating resistors (120 ohm) at both ends	
Number of logical process data channels			2 "send" PDOs and 2 "receive" PDOs (each with 1 - 8 bytes)	
Number of logic parameter data channels			Max. 2 server SDO channels (with 1 - 8 bytes)	
Number of bus nodes			63	
Max. cable length per bus segment	I_{max}	[m]	17 for 1000 kbps 40 for 800 kbps 110 for 500 kbps 290 for 250 kbps 630 for 125 kbps 1500 for 50 kbps 3900 for 20 kbps 8000 for 10 kbps	
Rated voltage DC	$U_{N, DC}$	[V]	24	

Pin assignment

Can be quickly connected to the bus and certain inputs/outputs via 5-pin M12 connector of the Communication Unit.

The connector is A-coded and can be connected using a 5-pole connection M12.

Mode	Variant	Product key	Slot							
Communication module			**A1**	**A2**	**A3**	**A4**	**B1**	**B2**	**B3**	**B4**
CANopen	**I/O terminal**	**E84DGFCCANP**		CAN-in	CAN-out					
	I/O 2xM12	**E84DGFCC9NP**	DI1 DI2			DI3 DI4				
CANopen STO	**I/O terminal**	**E84DGFCCAJP**								
	I/O 2xM12	**E84DGFCC9JP**	DI1 DI2			DI3 DI4				

► DI1 ... DI4= digital inputs

Communication module EtherCAT

When combined with the EtherCat communication module, the 8400 motec supports continuous communication from the field level right through to company management level.

The advantages of this system are:
- Fieldbus system capable of handling large data volumes
- Use of IT standards
- Integrated switch enables PROFINET to be looped directly through the inverters
- Integrated I/O node. Capable of communication and reading inputs even when the 400 V supply is switched off.
- Option of connecting an external 24 V supply

Communication module EtherCAT

Product key	**E84DGFCT□NP**	**E84DGFCT□JP**
Mode Communication module	**EtherCAT**	**EtherCAT STO**
Features	Support for the "Distributed clocks" (DC) functionality for synchronisation via fieldbus Link / Activity PDO transfer with CoE (CANopen over Ether-CAT) Cycle times: ► 1 ms or a full multiple of 1 ms ► Max. 15 ms when using "Distributed clocks" (DC) 4 LEDs for status display Controller enable 5 digital inputs 1 digital output	Support for the "Distributed clocks" (DC) functionality for synchronisation via fieldbus Link / Activity PDO transfer with CoE (CANopen over Ether-CAT) Cycle times: ► 1 ms or a full multiple of 1 ms ► Max. 15 ms when using "Distributed clocks" (DC) 4 LEDs for status display Controller enable 5 digital inputs 1 digital output 1 analog input 1 relay Safety function STO
Number of free slots	5	5

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Standards and operating conditions

Product key			**E84DGFCT□NP**	**E84DGFCT□JP**
Mode Communication module			**EtherCAT**	**EtherCAT STO**
Enclosure EN 60529			IP65	
Climatic conditions Storage (EN 60721-3-1) Operation (EN 60721-3-3) Transport (EN 60721-3-2)			1K3 (temperature: -30 °C ... +60 °C) 3K3 (temperature: -30°C ... +55°C) 2K3 (temperature: -30 °C ... +75 °C)	
Insulation voltage to reference earth/PE EN 61800-5-1	U_{AC}	[V]	50.0	

Communication module EtherCAT

Technical data

Product key Communication module			**E84DGFCT□NP**	**E84DGFCT□JP**
Communication Medium Communication profile			CAT5e S/FTP according to ISO/ICE11801 (2002) CoE (CANopen over EtherCAT)	
Baud rate		[MBit / s]	100	
Node			Slave	
Network topology			Line Switch	
Number of logical process data channels			1	
Process data words (PZD) to the master from the master			1 ... 10 (max. 20 bytes, 16 bits/word) 1 ... 8 (max. 16 bytes, 16 bits/word)	
Parameter data Max. mailbox size for CoE transfer		[Byte]	128	
Number of bus nodes			max. 65535	
Max. cable length between two nodes	I_{max}	[m]	100	
Rated voltage DC	$U_{N, DC}$	[V]	24	

Pin assignment

Can be quickly connected to the bus and certain inputs/outputs via 5-pin M12 connector of the Communication Unit.

The connector is A-coded and can be connected using a 5-pole connection M12.

Mode	Variant	Product key	Slot							
Communication module			**A1**	**A2**	**A3**	**A4**	**B1**	**B2**	**B3**	**B4**
EtherCAT	**I/O terminal**	**E84DGFCTANP**	LED	EC-in	EC-out					
	I/O 1xM12	**E84DGFCT9NP**				DI1 DI2				
EtherCAT STO	**I/O terminal**	**E84DGFCTAJP**								
	I/O 1xM12	**E84DGFCT9JP**				DI1 DI2				

- DI1 ... DI4= digital inputs
- LED= status display for bus communication

PROFIBUS communication modules

When combined with the PROFIBUS communication module, the 8400 motec supports PROFIBUS, the most widely used fieldbus system today.

The advantages of this system are:
- Widely used and extremely powerful fieldbus system
- Integrated I/O node. Capable of communication and reading inputs even when the 400 V supply is switched off.
- Option of connecting an external 24 V supply

PROFIBUS communication modules

Product key	**E84DGFCP□NP**	**E84DGFCP□JP**
Mode Communication module	**PROFIBUS**	**PROFIBUS STO**
Features	DPVO: basic functionalities such as cyclical data exchange and diagnostics DPV1: supports acyclical data exchange for parameter setting, operation and alarm handling Internal 24 V supply 4 LEDs for status display Controller enable 5 digital inputs 1 digital output	DPVO: basic functionalities such as cyclical data exchange and diagnostics DPV1: supports acyclical data exchange for parameter setting, operation and alarm handling Internal 24 V supply 4 LEDs for status display Controller enable 5 digital inputs 1 digital output 1 analog input 1 relay Safety function STO
Number of free slots	5	5

Standards and operating conditions

Product key			**E84DGFCP□NP**	**E84DGFCP□JP**
Mode Communication module			**PROFIBUS**	**PROFIBUS STO**
Enclosure EN 60529			IP65	
Climatic conditions Storage (EN 60721-3-1) Operation (EN 60721-3-3) Transport (EN 60721-3-2)			1K3 (temperature: -30 °C ... +60 °C) 3K3 (temperature: -30°C ... +55°C) 2K3 (temperature: -30 °C ... +75 °C)	
Insulation voltage to reference earth/PE EN 61800-5-1	U_{AC}	[V]	50.0	

PROFIBUS communication modules

Technical data

Product key Communication module			E84DGFCP□NP	E84DGFCP□JP
Communication Medium Communication profile			RS 485 PROFIBUS-DP-V0 (DRIVECOM) PROFIBUS-DP-V1 (PROFIdrive)	
Baud rate		[kBit / s]	9.6 ... 12 000 (automatic detection)	
Node			Slave	
Network topology			with repeater: line or tree without repeater: line	
Process data words (PZD) 16 Bit			1 ... 8	
DP user data length			Acyclic parameter data channel (DP-V1): max 240 bytes Optionaler Parameterkanal (4 Wörter) + Prozessdatenwörter	
Number of bus nodes			31 slaves + 1 master per bus segment With repeaters: 125	
Max. cable length per bus segment	I_{max}	[m]	1200 (depending on the baud rate and the cable type used)	
Rated voltage DC	$U_{N, DC}$	[V]	24	

Pin assignment

Can be quickly connected to the bus and certain inputs/outputs via 5-pin M12 connector of the Communication Unit.

The connector is B-codiert coded and can be connected using a 5-pole connection M12.

Mode	Variant	Product key	Slot							
Communication module			**A1**	**A2**	**A3**	**A4**	**B1**	**B2**	**B3**	**B4**
PROFIBUS	**I/O terminal**	**E84DGFCPANP**	LED	PB-in	PB-out					
	I/O 1xM12	**E84DGFCP9NP**				DI1 DI2				
PROFIBUS STO	**I/O terminal**	**E84DGFCPAJP**								
	I/O 1xM12	**E84DGFCP9JP**				DI1 DI2				

- DI1 ... DI4= digital inputs
- LED= status display for bus communication

PROFINET communication modules

When combined with the PROFINET communication module, the 8400 motec supports a fieldbus system for continuous communication from the field level right through to the company management level.

The advantages of this system are:
- Fieldbus system capable of handling large data volumes
- Use of IT standards
- Integrated switch enables Profinet to be looped directly through the inverters
- Integrated I/O node. Capable of communication and reading inputs even when the 400 V supply is switched off.
- Option of connecting an external 24 V supply

PROFINET communication modules

Product key	**E84DGFCR□NP**	**E84DGFCR□JP**
Mode Communication module	**PROFINET**	**PROFINET STO**
Features	Automatic detection of the 100 Mbps baud rate Creation of a line topology through integrated 2-port switch Support for I&M0...4 functionality for identification of the standard device Link / Activity 4 LEDs for status display Controller enable 5 digital inputs 1 digital output	Automatic detection of the 100 Mbps baud rate Creation of a line topology through integrated 2-port switch Support for I&M0...4 functionality for identification of the standard device Link / Activity 4 LEDs for status display Controller enable 5 digital inputs 1 digital output 1 analog input 1 relay Safety function STO
Number of free slots	5	5

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Standards and operating conditions

Product key			**E84DGFCR□NP**	**E84DGFCR□JP**
Mode Communication module			**PROFINET**	**PROFINET STO**
Enclosure EN 60529			IP65	
Climatic conditions Storage (EN 60721-3-1) Operation (EN 60721-3-3) Transport (EN 60721-3-2)			1K3 (temperature: -30 °C ... +60 °C) 3K3 (temperature: -30°C ... +55°C) 2K3 (temperature: -30 °C ... +75 °C)	
Insulation voltage to reference earth/PE EN 61800-5-1	U_{AC}	[V]	50.0	

PROFINET communication modules

Technical data

Product key Communication module			**E84DGFCR□NP**	**E84DGFCR□JP**
Communication Medium Communication profile			CAT5e S/FTP according to ISO/ICE11801 (2002) PROFINET RT Conf. Class B	
Baud rate		[MBit / s]	100	
Node			Slave (Device)	
Network topology			Tree, star and line	
Number of logical process data channels			1	
Process data words (PZD) 16 Bit			1 ... 8	
Max. cable length between two nodes	I_{max}	[m]	100	
Rated voltage DC	$U_{N, DC}$	[V]	24	

Pin assignment

Can be quickly connected to the bus and certain inputs/outputs via 5-pin M12 connector of the Communication Unit.

The connector is B-codiert coded and can be connected using a 5-pole connection M12.

Mode	Variant	Product key	Slot							
Communication module			**A1**	**A2**	**A3**	**A4**	**B1**	**B2**	**B3**	**B4**
PROFINET	**I/O terminal**	**E84DGFCRANP**	LED	PN-in	PN-out					
	I/O 1xM12	**E84DGFCR9NP**				DI1 DI2				
PROFINET STO	**I/O terminal**	**E84DGFCRAJP**								
	I/O 1xM12	**E84DGFCR9JP**				DI1 DI2				

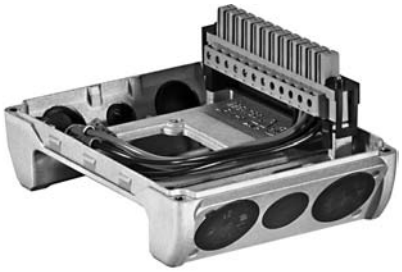
- DI1 ... DI4= digital inputs
- LED= status display for bus communication

Additional connections

Generally, all connections are routed internally to terminals. The most common Communication Unit connections are pre-wired to connectors. If additional connections need to be established, they can be made by routing the wires through standard high-strength cable glands.

Wiring Unit versions

The Wiring Unit forms the interface between the various sizes of motor frame and the inverter. It also provides flexibility in terms of power, motor, brake and brake resistor connections. The Wiring Unit is not dependent on the motor frame size or the terminal box size.

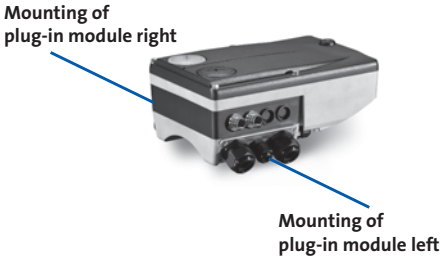


Wiring Unit

Product key	E84DGVN1E	E84DGVN2E	E84DGVN3E
Mode	Wiring Unit		
Features	Suitable for: E84DVB□2514 ... 1524 Suitable for: motor frame sizes 063 and 071 Enclosure: IP65	Suitable for: E84DVB□2514 ... 1524 Suitable for: motor frame sizes 080, 090 and 100 Enclosure: IP65	Suitable for: E84DVB□2224 ... 3024 Suitable for: motor frame sizes 080, 090 and 100 Enclosure: IP65

Connector modules

The 8400 motec inverter comes as standard with screwed connections for mains connection. Alternatively, Q4, Q5 or Q8 plug-in modules can be used. Thanks to the universal connection options of the modules, a supply bus can be established using plugs and a coupling without the need for any other external equipment.



HAN connector

Mode		Features	Slot	Product key
Plug-in module 1 x Q5, left		5 power contacts and PE: 16 A/400 V Applications with external mains distributor	X10 ... X30	E84DZEVBLANP
Plug-in module 1 x Q5, right				E84DZEVBRANP

HAN connector

Mode		Features	Slot	Product key
Plug-in module 2 x Q5, left		5 power contacts and PE: 16 A/400 V Applications with mains loops	X10 ... X30	E84DZEVBLAFP
Plug-in module 2 x Q5, right				E84DZEVBRAFP
Plug-in module 1 x Q4/2, left		4 power contacts and PE: 32 A/400 V 2 control contacts: 10 A/24 V Applications with external mains distributor		E84DZEVBLPNP
Plug-in module 1 x Q4/2, right				E84DZEVBRPNP
Plug-in module 2 x Q4/2, left		4 power contacts and PE: 32 A/400 V 2 control contacts: 10 A/24 V Applications with mains loops		E84DZEVBLPRP
Plug-in module 2 x Q4/2, right				E84DZEVBRPRP
Plug-in module 1 x Q8, left		6 power contacts and PE: 25 A/400 V Motor connection with wall mounting		E84DZEVBLCNP
Plug-in module 1 x Q8, right				E84DZEVBRCNP

Internal brake resistor

An internal brake resistor can also be mounted on the **right-hand** side of the 8400 motec instead of the plug-in modules.

Internal brake resistor

Typical motor power	Mains voltage	Product key		Rated resistance	Rated power	Thermal capacity
4-pole asynchronous motor		Inverter	Brake resistor			
[]	[]			[]	[]	[]
0.37	3 AC 320 ... 528	E84DVB□3714S□□□2□	E84DZEW220R	220	0.015	0.28
0.55		E84DVB□5514S□□□2□				
0.75		E84DVB□7514S□□□2□				
1.10		E84DVB□1124S□□□2□				
1.50		E84DVB□1524S□□□2□				
2.20		E84DVB□2224S□□□2□	E84DZEW100R	100		
3.00		E84DVB□3024S□□□2□				

Wall mounting

The wall mounting feature enables the inverter to be attached to the chassis or to the wall. The design meets the requirements for IP65 degree of protection and ensures easy mounting.

Wall mounting

Product key	E84DZMAWE1
Mode	Wall mounting
Features	Enclosure: IP65 Simple mounting

8400 protec rated data

- The data is valid for operation at 400 V AC.
- Unless otherwise specified, the data refers to the default setting.

Typical motor power 4-pole asynchronous motor	**P**	[kW]	**0.75**	**1.50**
Product key Inverter			**E84D□□□7514□□S□**	**E84D□□□1524□□S□**
Mains voltage range	U_{AC}	[V]	3/PE AC 320 V-0% ... 440 V+0%, 45 Hz-0 % ... 65 Hz+0%	
Rated mains current	$I_{N, AC}$	[A]	4.10	5.50
Rated output current	$I_{N, out}$	[A]	2.40	3.90
Rated switching frequency	f_{ch}	[kHz]	8.00	
Output current				
2 kHz	I_{out}	[A]	2.40	3.90
4 kHz	I_{out}	[A]	2.40	3.90
8 kHz	I_{out}	[A]	2.40	3.90
16 kHz	I_{out}	[A]	1.60	2.30

Rated data for 60 s overload

Max. output current	$I_{max, out}$	[A]	3.60	5.90
Overload time	t_{ol}	[s]	60.0	
Recovery time	t_{re}	[s]	120	

Rated data for 3 s overload

Max. short-time output current	$I_{max, out}$	[A]	4.80	7.80
Overload time	t_{ol}	[s]	3.00	
Recovery time	t_{re}	[s]	75.0	

8400 protec rated data

- The data is valid for operation at 400 V AC.
- Unless otherwise specified, the data refers to the default setting.

Typical motor power 4-pole asynchronous motor	**P**	[kW]	**0.75**	**1.50**
Product key Inverter			**E84D□□□7514□□S□**	**E84D□□□1524□□S□**
Power loss	P_V	[W]	66.0 [2]	84.0 [2]
Mass	**m**	[kg]	7.62	
Max. cable length Shielded motor cable [1]	I_{max}	[m]	20.0	

Brake chopper rated data

Rated power, Brake chopper	P_N	[kW]	0.90	2.00
Max. output power, Brake chopper	$P_{max, 1}$	[kW]	3.50	
Min. brake resistance	R_{min}	[Ω]	150	

Dimensions

Dimensions			
Height	**h**	[mm]	260 [3]
Width	**b**	[mm]	353
Depth	**t**	[mm]	110.0

[1] Technically possible cable lengths, irrespective of EMC requirements
[2] Operation at rated output current $I_{N, out}$
[3] + 30 mm with connector shell.

8400 protec rated data

- The data is valid for operation at 400 V AC.
- Unless otherwise specified, the data refers to the default setting.

Typical motor power 4-pole asynchronous motor	**P**	[kW]	**3.00**	**4.00**
Product key Inverter			**E84D□□□3024□□S□**	**E84D□□□4024□□S□**
Mains voltage range	U_{AC}	[V]	3/PE AC 320 V-0% ... 440 V+0%, 45 Hz-0 % ... 65 Hz+0%	
Rated mains current	$I_{N, AC}$	[A]	9.70	12.9
Rated output current	$I_{N, out}$	[A]	7.30	9.50
Rated switching frequency	f_{ch}	[kHz]	8.00	
Output current				
2 kHz	I_{out}	[A]	7.30	9.50
4 kHz	I_{out}	[A]	7.30	9.50
8 kHz	I_{out}	[A]	7.30	9.50
16 kHz	I_{out}	[A]	4.90	6.30

Rated data for 60 s overload

Max. output current	$I_{max, out}$	[A]	11.0	14.3
Overload time	t_{ol}	[s]	60.0	
Recovery time	t_{re}	[s]	120	

Rated data for 3 s overload

Max. short-time output current	$I_{max, out}$	[A]	14.6	19.0
Overload time	t_{ol}	[s]	3.00	
Recovery time	t_{re}	[s]	75.0	

8400 protec rated data

- The data is valid for operation at 400 V AC.
- Unless otherwise specified, the data refers to the default setting.

Typical motor power 4-pole asynchronous motor	**P**	[kW]	**3.00**	**4.00**
Product key Inverter			**E84D□□□3024□□S□**	**E84D□□□4024□□S□**
Power loss	P_V	[W]	127 [2]	155 [2]
Mass	**m**	[kg]	11.3	
Max. cable length Shielded motor cable [1]	I_{max}	[m]	50.0	

Brake chopper rated data

Rated power, Brake chopper	P_N	[kW]	3.90	5.20
Max. output power, Brake chopper	$P_{max, 1}$	[kW]	11.2	
Min. brake resistance	R_{min}	[Ω]	47.0	

Dimensions

Dimensions			
Height	**h**	[mm]	260 [3]
Width	**b**	[mm]	434
Depth	**t**	[mm]	148.0

[1] Technically possible cable lengths, irrespective of EMC requirements
[2] Operation at rated output current $I_{N, out}$
[3] + 30 mm with connector shell.

Communication modules

The portec Inverter Drives 8400 are supplied with permanently installed communication modules. As well as containing the components for fieldbus communication, these modules also include the digital inputs and outputs. An analog input or a synchronous serial interface (SSI) can also be provided as an option.

Overview

	Digital inputs	Digital outputs	Analog inputs
Communication module	**Number**	**Number**	**Number**
CANopen	6 or 4 (configurable)	0 or 2 (configurable)	1 [1)]
PROFIBUS	6 or 4 (configurable)	0 or 2 (configurable)	1 [1)]
PROFINET	6 or 4 (configurable)	0 or 2 (configurable)	1 [1)]

[1)] Or as a synchronous serial interface (SSI).

Safety engineering

The following safety functions are integrated into the communication modules depending on the device version:

Safety option 10
- Safe torque off (STO)

- The drive is safely disconnected when a request is sent via connected active or passive sensors

Safety option 20
- Safe torque off (STO)
- Safety stop 1 (SS1)
- Safe stop emergency (SSE)
- Safe operation mode selector (OMS)
- Safe enable switch (ES)

- The drive is safely disconnected by a higher-level safety PLC by means of PROFIsafe/PROFINET

Safety option 30
- Safe torque off (STO)
- Safe stop 1 (SS1)
- Safe stop emergency (SSE)
- Safe operation mode selector (OMS)
- Safe enable switch (ES)

- The drive is safely disconnected by a higher-level safety PLC by means of PROFIsafe/PROFINET and via connected active or passive sensors

Safety functions	10	20	30
Certification			
EN ISO 13849-1	Category 4 / PLe	Category 3 / PLe	
EN 61800-5-2		SIL 3	
EN 62061		SIL 3	
IEC 61508		SIL 3	
Fail-safe state	Safe torque off		

Communication module: CANopen

The CANopen communication module allows you to control the 8400 protec by sending digital control signals via the "CANopen" bus system. With product key E84D□□□□□□□□C it is integrated into the inverter.

The advantages of this system are:

- Straightforward, yet extremely powerful, bus system
- Cost-effective
- Easy system integration, as there is a wide range of sensors and actuators available on the market.

Mode Communication module	**CANopen**
Features	Addressing via DIP switches or parameters

Technical data

Mode Communication module			**CANopen**
Communication Medium Communication profile Device profile			 DIN ISO 11898 CANopen, DS301 V4.02 Lenze system bus Lenze device control
Baud rate		[kBit / s]	20 50 125 250 500 800 1000
Node			Multi-master Slave
Network topology			Line with terminating resistors (120 ohm) at both ends
Number of logical process data channels			4 (each with 1 - 8 bytes)
Number of logic parameter data channels			5
Number of bus nodes			63
Max. cable length per bus segment	I_{max}	[m]	17 for 1000 kbps 40 for 800 kbps 110 for 500 kbps 290 for 250 kbps 630 for 125 kbps 1500 for 50 kbps 3900 for 20 kbps 8000 for 10 kbps

PROFIBUS communication modules

When combined with the PROFIBUS communication module, the 8400 protec supports the most widely used fieldbus system today.It is integrated in the inverter at the product key E84D□□□□□□□□P.

The benefits of this system include:

- Widely used and extremely powerful fieldbus system
- Integrated I/O node. Capable of communication and reading inputs even when the 400 V supply is switched off.

Mode Communication module	**PROFIBUS**
Features	DPVO: basic functionalities such as cyclical data exchange and diagnostics DPV1: supports acyclical data exchange for parameter setting, operation and alarm handling

Technical data

Mode Communication module			**PROFIBUS**
Communication Medium Communication profile Device profile			 RS 485 PROFIBUS-DP-V0 PROFIBUS-DP-V1 PROFIDrive, version 3
Baud rate		[kBit / s]	9.6 ... 12 000 (automatic detection)
Node			Slave
Network topology			with repeater: line or tree without repeater: line
Process data words (PZD) 16 Bit			1 ... 16
DP user data length			Optionaler Parameterkanal (4 Wörter) + Prozessdatenwörter
Number of bus nodes			31 slaves + 1 master per bus segment With repeaters: 125
Max. cable length per bus segment	I_{max}	[m]	1200 (depending on the baud rate and the cable type used)

PROFINET communication modules

When combined with the PROFINET communication module, the 8400 protec supports a fieldbus system for continuous communication from the field level right through to company management level.It is integrated in the inverter at product key E84D□□□□□□□□R.

The benefits of this system include:

- Fieldbus system capable of handling large data volumes
- Use of IT standards
- Integrated switch enables PROFINET to be looped directly through the inverters
- Integrated I/O node. Capable of communication and reading inputs even when the 400 V supply is switched off.

Mode Communication module	**PROFINET**
Features	Automatic detection of the 100 Mbps baud rate Creation of a line topology through integrated 2-port switch Support for I&M0...4 functionality for identification of the standard device Link / Activity

Technical data

Mode Communication module			**PROFINET**
Communication Medium Communication profile			CAT5e S/FTP according to ISO/ICE11801 (2002) PROFINET RT Conf. Class B
Baud rate		[MBit / s]	10/100
Node			Slave (Device)
Network topology			Tree, star and line
Number of logical process data channels			1 ring as client (media redundancy)
Process data words (PZD) 16 Bit			1 ... 16
Max. cable length between two nodes	l_{max}	[m]	100

Brake resistors

An external brake resistor is required to brake high moments of inertia or in the event of prolonged operation in generator mode; this resistor converts braking energy into heat.

The brake resistors recommended in the table below have been dimensioned for approx. 1.5 times the regenerative power, with a cycle time of 15/135 s (brake/rest ratio). These brake resistors generally meet the usual requirements of standard applications.

The brake resistors are fitted with a thermostat (potential-free NC contact).

Brake resistor

8400 motec

Typical motor power	Mains voltage	Product key		Rated resist-ance	Rated power	Thermal capacity	Dimensions	Mass
4-pole asyn-chronous motor		Inverter	Brake resistor					
P	U_{AC}			R_N	P_N	C_{th}	h x b x t	m
[kW]	[V]			[Ω]	[kW]	[KWs]	[mm]	[kg]
0.37	3 AC 320 ... 528	E84DVB□3714S□□□2□	ERBS470R150W	470	0.15	22.0	222 x 124 x 122	1.00
0.55		E84DVB□5514S□□□2□						
0.75		E84DVB□7514S□□□2□						
1.10		E84DVB□1124S□□□2□						
1.50		E84DVB□1524S□□□2□	ERBS240R300W	240	0.30	45.0	382 x 124 x 122	2.00
2.20		E84DVB□2224S□□□2□						
3.00		E84DVB□3024S□□□2□						

Typical motor power	Mains voltage	Product key		Rated resist-ance	Rated power	Thermal capacity	Dimensions	Mass
4-pole asyn-chronous motor		Inverter	Brake resistor					
P	U_{AC}			R_N	P_N	C_{th}	h x b x t	m
[kW]	[V]			[Ω]	[kW]	[KWs]	[mm]	[kg]
0.75	3 AC 320 ... 440	E84D□□□7514□□S□	ERBS180R350W	180	0.35	53.0	382 x 124 x 122	2.00
1.50		E84D□□□1524□□S□						
3.00		E84D□□□3024□□S□	ERBS047R400W	47.0	0.40	60.0	400 x 110 x 105	2.30
4.00		E84D□□□4024□□S□						

USB diagnostic adapter

On the Inverter Drives 8400, operation, parameter setting and diagnostics via the L-force diagnostic interface are carried out using the X400 keypad or a PC. The use of a PC requires the USB diagnostic adapter. A connecting cable is supplied to make the connection to the USB port on the PC.

Connecting cables in three different lengths of 2.5 m, 5 m and 10 m can be purchased separately to connect the USB diagnostic adapter to the L-force diagnostic interface (DIAG) on the inverter. Connection during operation is possible.

The software drivers required for the operation of the adapter are installed automatically when the Lenze software (L-force Engineer) is installed.

- On the 8400 motec and 8400 protec, the integrated CANopen interface can be used in conjunction with a PC system bus adapter to provide an alternative method to operation, parameter setting and diagnostics with the PC and the L-force Engineer software.

USB diagnostic adapter

Product key	**E94AZCUS**
Mode	**USB diagnostic adapter**
Features	Input-side voltage supply via USB connection on PC Output-side voltage supply via diagnostic interface of the inverter Diagnostic LED Electrical isolation of PC and inverter Hot-pluggable
Slot	DIAG

Connecting cables for USB diagnostic adapter

Product key	**EWL0070**	**EWL0071**	**EWL0072**
Mode	**Connecting cable for USB diagnostic adapter**		
Features	Length: 2.5 m	Length: 5 m	Length: 10 m

Diagnosis terminal

The diagnosis terminal can be used as an alternative to a PC if you are looking for an easy way to operate the inverter, set parameters or carry out diagnostics locally. The structured menus and plain text display provide quick access to data. The diagnosis terminal can be plugged into the inverter's L-force diagnostic interface (DIAG) from the outside.

Diagnosis terminal

Product key	**EZAEBK2003**
Mode	**Diagnosis terminal**
Features	Diagnosis terminal inside robust housing incl. 2.5 m cable Enclosure IP20 Suitable for L-force motec and protec Inverter Drives 8400 .
Slot	DIAG

Switch/potentiometer unit

The switch / potentiometer unit is directly mounted on the 8400 motec or somewhere else in the installation. With the switch/potentiometer unit and the control connections integrated in the inverter, the integrated potentiometer can be used to specify an analog setpoint. By means of the rotary switch, the drive can be started or stopped, for example, or the direction of rotation can be changed.
The switch/potentiometer unit is supplied with a 2.5 m connecting cable.

Switch/potentiometer unit

Product key	**E82ZBU**
Mode	**Switch/potentiometer unit (IP65)**

Memory module

All drive settings for the 8400 are stored on the memory module, which is a pluggable memory chip. You can copy the settings to other memory modules. The advantage for you: much faster commissioning, particularly in series production. Furthermore, the memory module ensures that drives can be replaced quickly and without errors being made.

Product key	E84AYM20S/M	E84AYM10S/M
Mode	Memory module	Memory module
Features	For 8400 BaseLine, 8400 motec Packaging unit: 12 items	For 8400 StateLine, HighLine, Topline and 8400 protec Packaging unit: 5 items

Memory module copier

The memory module copier is a copying system for all memory modules from Lenze. With the help of simple optical user guidance, the data of a module are copied quickly and reliably to another memory module.

Memory module copier

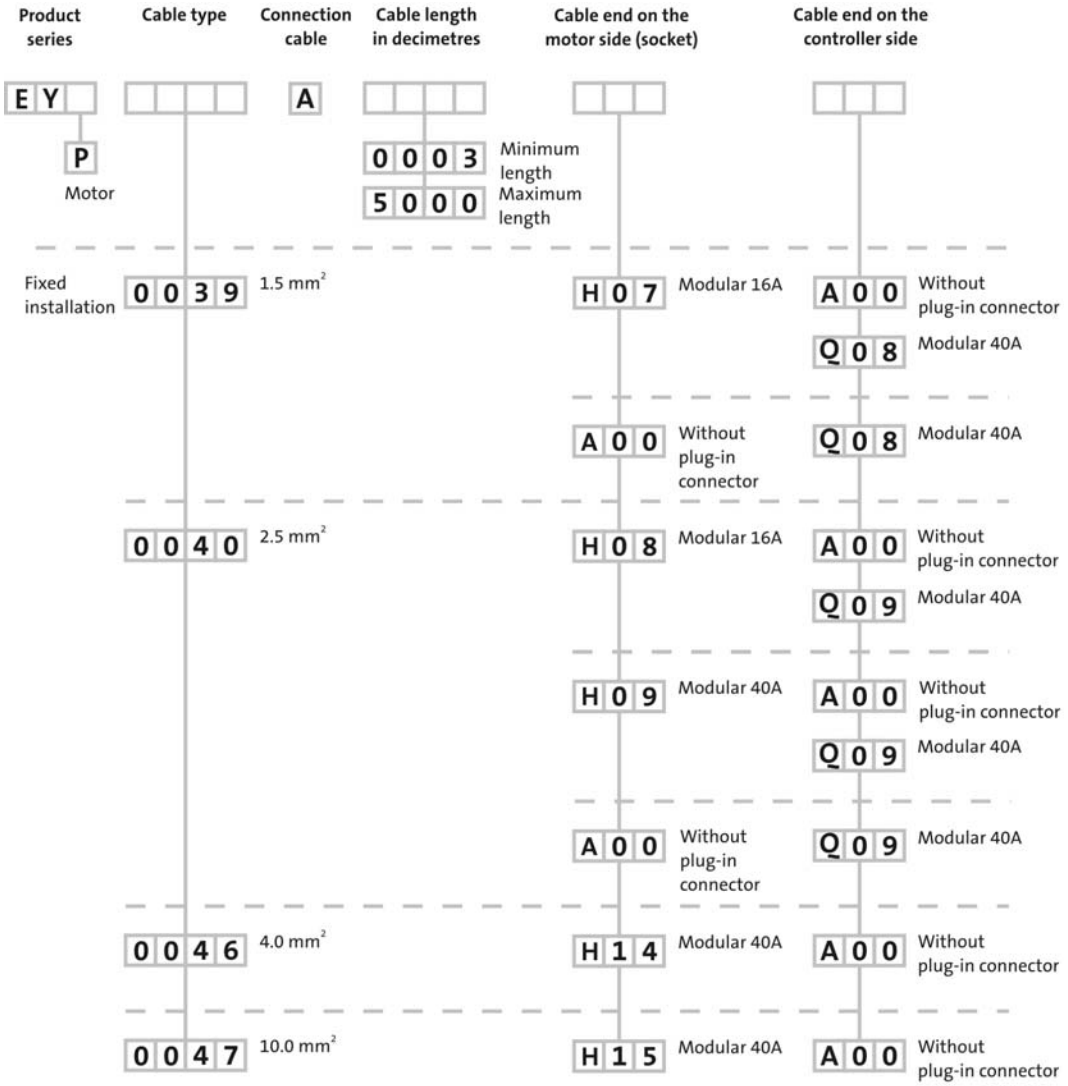
Product key	EZAEDE1000
Mode	Memory module copier
Features	Operation via power supply unit or battery User guidance by means of LEDs Usable for 8400 inverter drives, 9400 servo drives as well as smd and SMV frequency inverters

Hybrid cable

For connection of the motor, Lenze provides finished hybrid cables. They are optimally matched to the connection between the Drive Package components. Motor connection, blower connection, brake connection and temperature monitoring are integrated in the cables. Cables up to a length of 100 m can be selected in increments of 0.1 m.

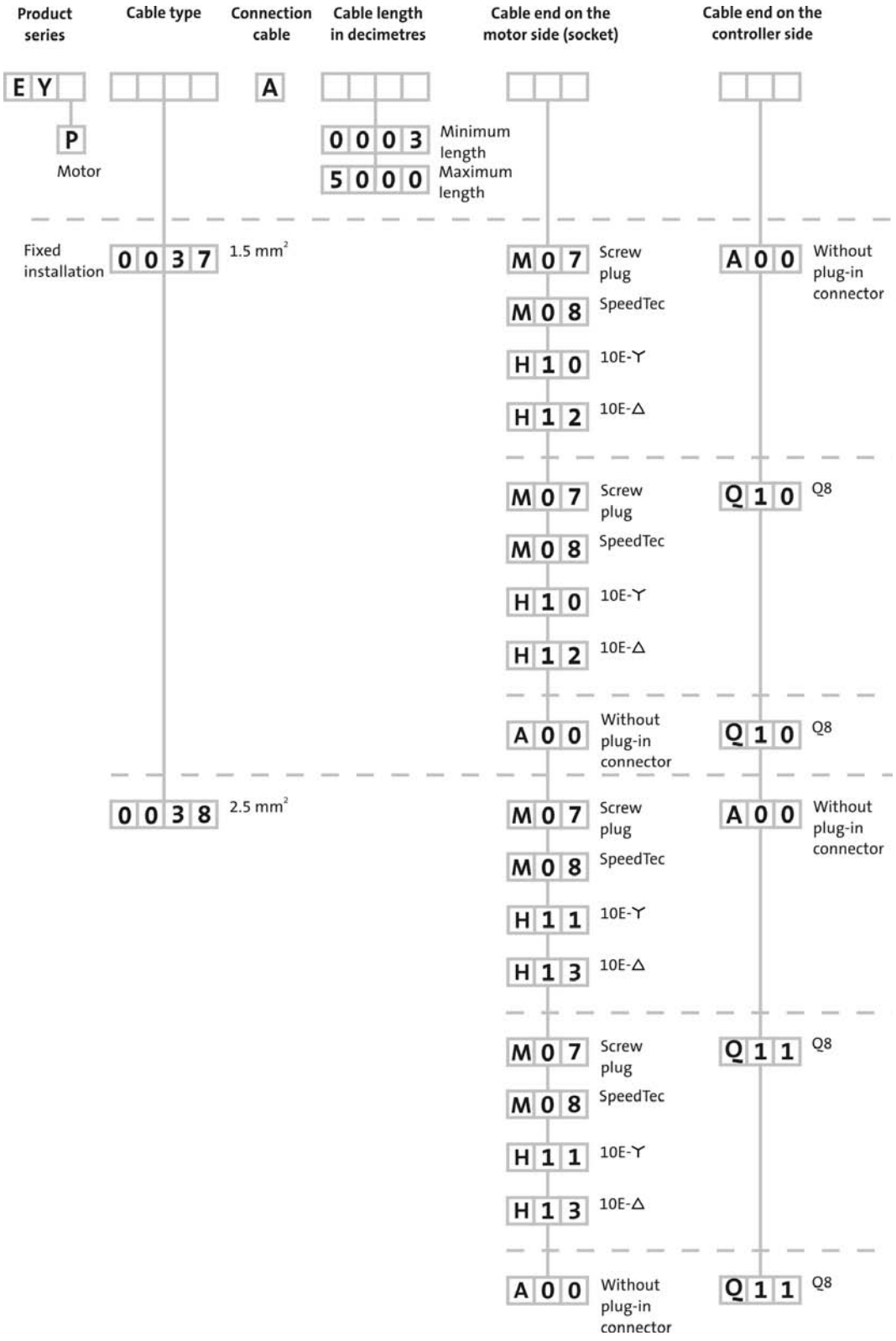
10-pole cables

Available with cross-sections 1.5^2 and 2.5^2 with connection for brake or thermal contact.



8-pole cables

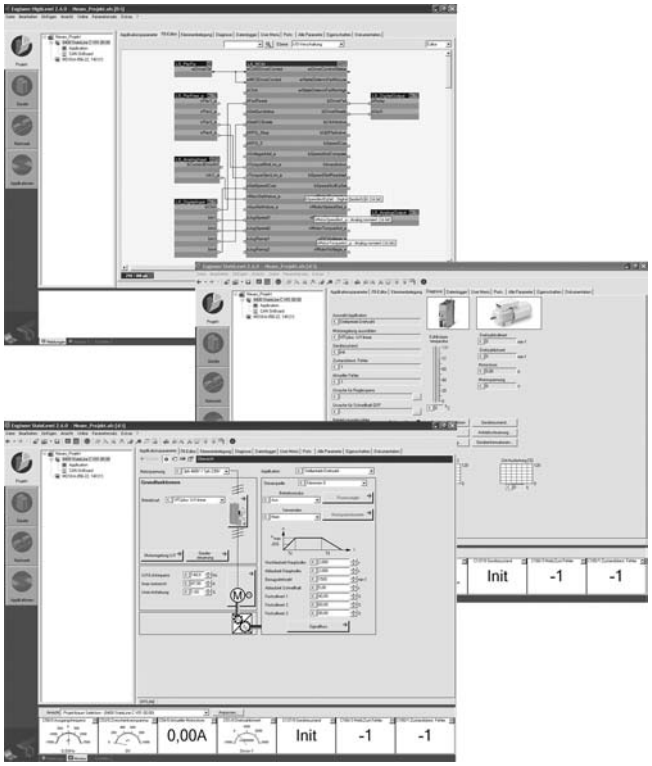
Available with cross-sections 1.5^2 and 2.52 ^{2} with connection for brake and thermal contact.



General information

The L-force Engineer is the engineering tool for the configuration, commissioning and diagnostics of all L-force products. With its intuitive user interface and transparent dialogue boxes, the L-force Engineer has been tailored to meet the needs of the user.

The main navigation structure sorts essential functions into various transparent views. Graphical interfaces simplify the configuration and parameterisation processes for the devices. Multi-device engineering comes naturally with the L-force Engineer StateLevel and HighLevel.



User interfaces of L-force Engineer

The following options are available:

- **Engineer StateLevel**
  Featuring all the necessary diagnostic functions, this product is ideal for service engineers and commissioners. Smaller projects involving up to five target systems can be implemented using this free version of the software.
- **Engineer HighLevel**
  Engineer HighLevel is the full version of the software. Single user, multiple user, corporate or buyout licences are available.
  In addition to the functional scope supported by the Engineer StateLevel, this version includes functions for large-scale projects. You can set up networks, interconnect communication and use the function block editor, to name but a few of the available features. The Engineer project even supports machine documentation. In short, you have access to a central source where you can find everything you need, whenever you need it – in next to no time.

Functions and features

The following table describes functions and features of L-force Engineer:

Since not all functions can be accessed by every drive, the engineering software appears differently, depending on the selected drive.

Mode	L-force Engineer StateLevel, freeware	L-force Engineer HighLevel
Drives and components	8400 Inverter Drives Servo Drives 9400 I/O system 1000, I/O system IP20 Lenze motors User motors	8400 Inverter Drives Servo Drives 9400 I/O system 1000, I/O system IP20 Lenze motors User motors
Project creation	Limitation to 5 target systems	Unlimited
Project documentation		Stored in project
Parameter setting	Graphics-based Parameter list	Graphics-based Parameter list
Networks and communication		CAN network configuration Network configuration for ETHERNET Powerlink Communication interconnection Port editor (communication interface) Creation of machine application
Configuration		Function block editor
Diagnostics Status display	Terminal display/diagnostics overview Monitor window Logbook of all error messages Online values in graphics-based parameterisation Online/offline comparison Oscilloscope: 2-channel	Terminal display/diagnostics overview Monitor window Logbook of all error messages Online values in graphics-based parameterisation Online values in function block editor Network diagnostics Online/offline comparison Oscilloscope: 8-channel

Data access/communication

The following table describes the communication paths of the engineering software to the connected drives.
Some drives do not support all communication paths, so that some communication paths may not be possible.

Communication	
CAN	USB connection via USB system bus adapter EMF2177IB Parallel interface with system bus adapter EMF2173IB
L-force diagnostic interface	USB connection with diagnostic adapter E94AZCUS

System requirements

System requirements for L-force Engineer State-Level/HighLevel

The following minimum hardware and software requirements must be met in order to be able to work with the L-force Engineer:

- Microsoft®Windows® 2000 SP4 or higher + Rollup pack1 /XP 32 bit SP3 or higher / Windows 7 32 bit
- IBM-compatible PC with Intel® Pentium® processor 1.4 GHz (projects up to a maximum of 5 axes 750 MHz and higher)
- Min. 1 MB main memory (RAM), (projects up to a maximum of 5 axes min. 512 MB)
- Min. 2 GB free hard disk space
- Min. 1.024 x 768 pixels screen resolution with 256 display colours
- Mouse
- CD-ROM drive
- Free slots/ports meeting the requirements of the individual fieldbus interface module

Overview of licences

Single user licence
Single user licences are always supplied with the software product on CD-ROM. The purchaser is entitled to install the software product on his/her PC. Multiple installations on different PCs are not permitted.

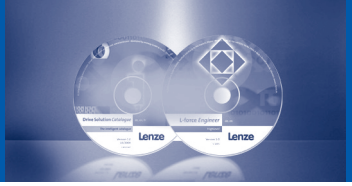
Multiple user licence
Some software products can be supplied with multiple user licences. When you purchase this licence, you acquire the right to install a specific software product (CD-ROM with single user licence) on the number of machines for which licences have been purchased. A legally valid single user licence must be held before multiple user licences can be purchased.

Corporate licence
Software products with corporate licences need only be purchased once. These products may be installed on multiple machines within a company on a single site. In such cases, additional multiple user licences are not required.

Buyout licence
A buyout licence permits multiple installations of the software within a company on a single site. Purchasers of buyout licences are also entitled to issue sublicences for machines in which Lenze devices are installed.

Selection and order data

Mode	Features	Product key
L-force Engineer StateLevel, freeware	Order free of charge Download via the Internet Languages: German/English/French	Download free of charge
L-force Engineer HighLevel, single user licence	CD-ROM included in scope of supply Installation on one PC Includes GDC, GD Loader and GD Oscilloscope Languages: German/English/French	ESPEVEHXAOEC1
L-force Engineer HighLevel, multiple user licence	CD-ROM not included in scope of supply Multiple installations on the number of machines for which licences have been purchased The basis is a single user licence	ESPEVEHNNNML1
L-force Engineer HighLevel, corporate licence	CD-ROM not included in scope of supply Multiple installations within a company at one location The basis is a single user licence	ESPEVEHNNNFL1
L-force Engineer HighLevel, buyout licence	CD-ROM not included in scope of supply Multiple installations within a company at one location Issuing of sublicences in conjunction with Lenze drives installed in a machine The basis is a single user licence	ESPEVEHNNNBL1
Upgrade from GDC to L-force Engineer HighLevel single user licence	CD-ROM included in scope of supply Installation on one PC The basis is a GDC licence Languages: German/English/French	ESPEGEHXA0EC1
Upgrade from GDC to L-force Engineer HighLevel multiple user licence	Multiple installations on the number of machines for which licences have been purchased CD-ROM included in scope of supply The basis is a GDC and Engineer HighLevel single user licence	ESPEGEHNNNML1
Upgrade from GDC to L-force Engineer HighLevel company licence	CD-ROM not included in scope of supply Multiple installations within a company at one location The basis is a GDC and Engineer HighLevel single user licence	ESPEGEHNNNFL1
Upgrade from GDC to L-force Engineer HighLevel buyout licence	CD-ROM not included in scope of supply Multiple installations within a company at one location Issuing of sublicences in conjunction with Lenze drives installed in a machine The basis is a GDC and Engineer HighLevel single user licence	ESPEGEHNNNBL1



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