VIGO DRIVE™

ISO 9001
JQA-1190

High Precision Gearheads

RD SERIES

Quick Selection Table of Product Code

FANUC Motors
FUJI Motors
MITSUBISHI Motors
Panasonic Motors
SANYO DENKI Motors
SIEMENS Motors
YASKAWA Motors

- A product code quick selection table for each motor model is provided in alphabetical order on the following pages.
- This document is an appendix to the RD SERIES catalog.

Nabtesco

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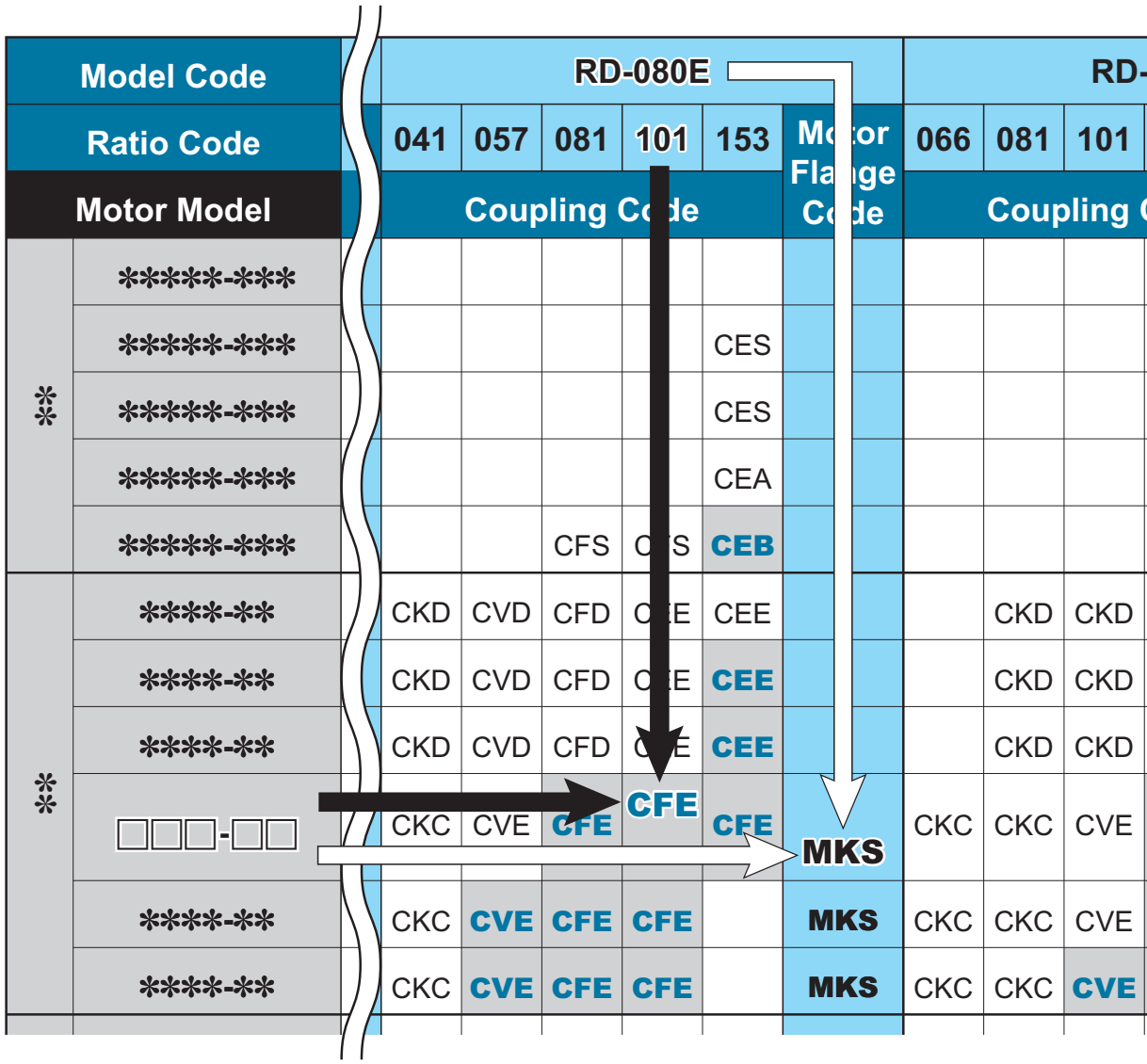
Quick Selection Table of Product Code

The coupling code and the motor flange code when the **RD-080E-101** is combined with the □□□-□□ servo motor are selected in this table.
The point where black arrows from □□□-□□ and from **RD-080E-101** intersect indicates the coupling code CFE.
The point where white arrows from □□□-□□ and from **RD-080E** intersect indicates the motor flange code MKS.
In consequence of above, the product code of the selected RD series model is **RD-080E-101-CFE-MKS**.



Note: 1. Only the combinations that satisfy the following equation are colored.
(Rated torque of motor x 0.5) < {Rated torque of reduction gear / (Speed ratio x 0.8)} < (Rated torque of motor x 1.5)

2. The coupling is selected so that the following equation is satisfied.
(Allowable transmission torque of coupling) > {Momentary maximum allowable torque of reduction gear / (Speed ratio x 0.8)}

3. Limitation must be imposed to the motor torque in the following case.
(Momentary maximum torque of motor) > {Momentary maximum allowable torque of reduction gear / (Speed ratio x 0.8)}

4. The reduction gear should be selected so that the following equation is satisfied.
(Momentary maximum torque upon emergency stop) < {Momentary maximum allowable torque of reduction gear / (Speed ratio x 0.8)}

5. Matching verification between the reduction gear and the motor in the above quick selection table, should be used as a reference, since they have been matched based only on the torque comparisons during operation of the reduction gear. For more precise motor selection, the effective torque, load inertia moment, brake torque, regenerative ability, and so forth, must also be considered.

*** A product code quick selection table for each motor model is provided in alphabetical order on the following pages.**

Quick Selection Table of Product Code

■ FANUC Motors and RD-E Series

Model Code		RD-006E						RD-020E						RD-040E						RD-080E						RD-160E						RD-320E					
Ratio Code		031	043	054	079	103	Motor Flange Code	041	057	081	105	161	Motor Flange Code	041	057	081	105	153	Motor Flange Code	041	057	081	101	153	Motor Flange Code	066	081	101	145	171	Motor Flange Code	066	081	101	141	185	Motor Flange Code
Motor Model		Coupling Code						Coupling Code						Coupling Code						Coupling Code						Coupling Code						Coupling Code					
αi (Straight shaft)	α 1/5000i	CAK	CAK	CAK			MAQ				CAK	CAK	MAQ																								
	α 2/5000i	CAK	CAK				MAQ				CAK		MAQ																								
	α 4/4000i						MAX	CCB	CAF				MAX	CFS	CFS	CEB	CEB	CEB	MKQ			CFS	CFS	CEB	MKQ				CVS	CVS	MSC						MSC
	α 8/3000i						MAX						MAX	CFS	CFS	CEB			MKQ			CFS	CFS	CEB	MKQ				CVS	CVS	MSC						MSC
	α 12/3000i													CJB	CJB				MKT	CKB	CKB	CJB	CJB		MKT	CKB	CKB	CKB	CKB	CKB	MSF	CWS	CWS	CKB	CKB	CKB	MSF RSF
	α 22/3000i																		MKT	CKB	CKB				MKT	CKB	CKB	CKB	CKB		MSF	CWS	CWS	CKB	CKB	CKB	MSF RSF
	α 30/3000i																		MKT	CKB	CKB				MKT	CKB	CKB	CKB			MSF	CWS	CWS	CKB	CKB	CKB	MSF RSF
	α 40/3000i																		MKT						MKT	CKB					MSF	CWS	CWS	CKB	CKB		MSF RSF
αis (Straight shaft)	α 2/5000is	CAK	CAK				MAQ				CAK		MAQ																								
	α 4/5000is	CAC					MAL			CAC			MAL						MKB						MKB												
	α 8/4000is						MAX						MAX	CFS	CFS				MKQ			CFS	CFS	CEB	MKQ				CVS	CVS	MSC						MSC
	α 12/4000is						MAX						MAX	CFD					MKQ	CKD	CVD	CFD	CEE		MKQ		CKD	CKD	CVD	CVD	MSC				CKD	CKD	MSC
	α 22/4000is																		MKT	CKB	CKB				MKT	CKB	CKB	CKB			MSF	CWS	CWS	CKB	CKB	CKB	MSF RSF
	α 30/4000is																		MKT	CKB					MKT	CKB	CKB				MSF	CWS	CWS	CKB	CKB	CKB	MSF RSF
	α 40/4000is																		MKT	CKB					MKT	CKB	CKB				MSF	CWS	CWS	CKB	CKB		MSF RSF
	α 50/3000is																		MKT						MKT						MSF	CWS	CWS				RSF
βis (Straight shaft)	β 0.2/5000is						MAA						MAA																								
	β 0.3/5000is						MAA						MAA																								
	β 0.4/5000is		CAH	CAH	CAH	CAH	MAF				CAH	CAH	MAF																								
	β 0.5/5000is		CAH	CAH	CAH	CAH	MAF				CAH	CAH	MAF																								
	β 1/5000is	CAB	CAB	CAB			MAF	CCS	CCS	CAB	CAB	CAB	MAF																								
	β 2/4000is	CAK	CAK				MAQ				CAK	CAK	MAQ																								
	β 4/4000is	CAC					MAL			CAC			MAL						MKB						MKB												
	β 8/3000is						MAX	CCB	CAF				MAX	CFS	CFS	CEB	CEB		MKQ			CFS	CFS	CFS	MKQ				CVS	CVS	MSC						
	β 12/3000is						MAX						MAX	CFD	CFD	CFD			MKQ	CKD	CVD	CFD	CFD	CFD	MKQ		CKD	CKD	CVD	CVD	MSC				CKD	CKD	MSC
	β 22/2000is													CJB					MKT	CKB	CKB	CJB			MKT	CKB	CKB	CKB	CKB	CKB	MSF	CWS	CWS	CKB	CKB	CKB	MSF RSF

■ FANUC Motors and RD-E Series

Model Code		RD-006E						RD-020E						RD-040E						RD-080E						RD-160E						RD-320E					
Ratio Code		031	043	054	079	103	Motor Flange Code	041	057	081	105	161	Motor Flange Code	041	057	081	105	153	Motor Flange Code	041	057	081	101	153	Motor Flange Code	066	081	101	145	171	Motor Flange Code	066	081	101	141	185	Motor Flange Code
Motor Model		Coupling Code						Coupling Code						Coupling Code						Coupling Code						Coupling Code						Coupling Code					
αi (Taper shaft)	α1/5000i	CCH	CCH	CCH			MAK	CCH	CCH	CCH	CCH	CCH	MAK																								
	α2/5000i	CCH	CCH				MAK	CCH	CCH	CCH	CCH		MAK																								
	α4/4000i						MAT	CRS	CRS				MAT	CFF	CFF	CFF	CFF	CFF	MKK	CVF	CVF	CFF	CFF	CFF	MKK		CVF	CVF	CVF	CVF	MSA					CVF	MSA
	α8/3000i						MAT						MAT	CFF	CFF	CFF			MKK	CVF	CVF	CFF	CFF	CFF	MKK		CVF	CVF	CVF	CVF	MSA					CVF	MSA
	α12/3000i													CTS	CTS				MKW	CMD	CMD	CTS	CTS		MKW	CMD	CMD	CMD	CMD	CMD	MSM	CND	CND	CMD	CMD	CMD	MSM
	α22/3000i																		MKW	CMD	CMD				MKW	CMD	CMD	CMD	CMD		MSM	CND	CND	CMD	CMD	CMD	MSM
	α30/3000i																		MKW	CMD	CMD				MKW	CMD	CMD	CMD			MSM	CND	CND	CMD	CMD	CMD	MSM
	α40/3000i																									CPS					RSM	CWD	CWD	CPS	CPS		RSM
αis (Taper shaft)	α2/5000is	CCH	CCH				MAK	CCH	CCH	CCH	CCH		MAK																								
	α4/5000is																																				
	α8/4000is						MAT						MAT	CFF	CFF				MKK	CVF	CVF	CFF	CFF	CFF	MKK		CVF	CVF	CVF	CVF	MSA					CVF	MSA
	α12/4000is						MAT						MAT	CFF					MKK	CVF	CVF	CFF	CFF		MKK		CVF	CVF	CVF	CVF	MSA					CVF	MSA
	α22/4000is																		MKW	CMD	CMD				MKW	CMD	CMD	CMD	CMD		MSM	CND	CND	CMD	CMD	CMD	MSM
	α30/4000is																		MKW	CMD					MKW	CMD	CMD				MSM	CND	CND	CMD	CMD	CMD	MSM
	α40/4000is																		MKW	CMD					MKW	CMD	CMD				MSM	CND	CND	CMD	CMD		MSM
	α50/3000is																		MKW						MKW						RSM	CWD	CWD				RSM
βis (Taper shaft)	β2/4000is	CCH	CCH				MAK	CCH	CCH	CCH	CCH		MAK																								
	β4/4000is																																				
	β8/3000is						MAT	CRS	CRS				MAT	CFF	CFF	CFF	CFF		MKK	CVF	CVF	CFF	CFF	CFF	MKK		CVF	CVF	CVF	CVF	MSA					CVF	MSA
	β12/3000is						MAT						MAT	CFF	CFF	CFF			MKK	CVF	CVF	CFF	CFF	CFF	MKK		CVF	CVF	CVF	CVF	MSA					CVF	MSA
	β22/2000is													CTS					MKW	CMD	CMD	CTS			MKW	CMD	CMD	CMD	CMD	CMD	MSM	CND	CND	CMD	CMD	CMD	MSM

Note: **1.** Only the combinations that satisfy the following equation are colored.
(Rated torque of motor x 0.5) < {Rated torque of reduction gear / (Speed ratio x 0.8)} < (Rated torque of motor x 1.5)

2. The coupling is selected so that the following equation is satisfied.
(Allowable transmission torque of coupling) > {Momentary maximum allowable torque of reduction gear / (Speed ratio x 0.8)}

3. Limitation must be imposed to the motor torque in the following case.
(Momentary maximum torque of motor) > {Momentary maximum allowable torque of reduction gear / (Speed ratio x 0.8)}

4. The reduction gear should be selected so that the following equation is satisfied.
(Momentary maximum torque upon emergency stop) < {Momentary maximum allowable torque of reduction gear / (Speed ratio x0.8)}

5. Matching verification between the reduction gear and the motor in the above quick selection table, should be used as a reference, since they have been matched based only on the torque comparisons during operation of the reduction gear. For more precise motor selection, the effective torque, load inertia moment, brake torque, regenerative ability, and so forth, must also be considered.

■ FANUC Motors and RD-C Series

Model Code		RD-010C						RD-027C					RD-050C					RD-100C					RD-200C					RD-320C				
Ratio Code		081	108	153	189	243	Motor Flange Code	100	142	184	233	Motor Flange Code	109	153	196	240	Motor Flange Code	101	150	210	258	Motor Flange Code	106	156	206	245	Motor Flange Code	115	157	207	253	Motor Flange Code
Motor Model		Coupling Code						Coupling Code					Coupling Code					Coupling Code					Coupling Code					Coupling Code				
αi (Straight shaft)	α 1/5000i	CBK	CBK				MAQ		CBK	CBK	CBK	MAQ					MAQ															
	α 2/5000i						MAQ		CBK	CBK		MAQ				CBK	MAQ															
	α 4/4000i						MAX	CBF				MAX	CDB	CBF	CBF		MAX	CFS	CEB	CEB	CEB	MKQ			CVS	CVS	MKQ					MSC
	α 8/3000i						MAX					MAX					MAX	CFS	CEB	CEB		MKQ			CVS	CVS	MKQ					MSC
	α 12/3000i																	CJB	CJB			MKT	CKB	CKB	CKB	CKB	MKT	CLB	CLB	CLB	CLB	MSF
	α 22/3000i																					MKT	CKB	CKB			MKT	CLB	CLB	CLB	CLB	MSF
	α 30/3000i																					MKT	CKB				MKT	CLB	CLB	CLB		MSF
	α 40/3000i																					MKT					MKT	CLB				MSF
αis (Straight shaft)	α 2/5000is						MAQ		CBK	CBK		MAQ				CBK	MAQ															
	α 4/5000is						MAL	CBC	CBC	CBC		MAL			CBC	CBC	MAL					MKB					MKB					
	α 8/4000is						MAX					MAX					MAX	CFS	CEB			MKQ			CVS	CVS	MKQ					MSC
	α 12/4000is						MAX					MAX					MAX	CFD				MKQ	CKD	CVD	CVD	CVD	MKQ		CLD	CLD	CHD	MSC
	α 22/4000is																					MKT	CKB	CKB			MKT	CLB	CLB	CLB	CLB	MSF
	α 30/4000is																					MKT	CKB				MKT	CLB	CLB			MSF
	α 40/4000is																					MKT					MKT	CLB	CLB			MSF
	α 50/3000is																					MKT					MKT					MSF
βis (Straight shaft)	β 0.2/5000is						MAA					MAA					MAA															
	β 0.3/5000is						MAA					MAA					MAA															
	β 0.4/5000is	CBH	CBH	CBH	CBH	CBH	MAF			CBH	CBH	MAF					MAF															
	β 0.5/5000is	CBH	CBH	CBH	CBH	CBH	MAF			CBH	CBH	MAF					MAF															
	β 1/5000is	CBB	CBB				MAF	CBB	CBB	CBB	CBB	MAF	CDS	CDS	CBB	CBB	MAF			CES	CES											
	β 2/4000is	CBK					MAQ		CBK	CBK	CBK	MAQ				CBK	MAQ															
	β 4/4000is						MAL	CBC	CBC			MAL			CBC	CBC	MAL			CEH	CEH	MKB					MKB					
	β 8/3000is						MAX					MAX	CDB	CDB			MAX	CFS	CFS	CFS	CFS	MKQ			CVS	CVS	MKQ					
	β 12/3000is						MAX					MAX	CDE				MAX	CFD	CEE	CEE		MKQ		CVD	CVD	CVD	MKQ		CLD	CLD	CHD	MSC
	β 22/2000is																	CJB				MKT	CKB	CKB	CKB		MKT	CLB	CLB	CLB	CLB	MSF

■ FANUC Motors and RD-C Series

Model Code		RD-010C						RD-027C					RD-050C					RD-100C					RD-200C					RD-320C				
Ratio Code		081	108	153	189	243	Motor Flange Code	100	142	184	233	Motor Flange Code	109	153	196	240	Motor Flange Code	101	150	210	258	Motor Flange Code	106	156	206	245	Motor Flange Code	115	157	207	253	Motor Flange Code
Motor Model		Coupling Code						Coupling Code					Coupling Code					Coupling Code					Coupling Code					Coupling Code				
αi (Taper shaft)	α1/5000i	CDG	CDG				MAK	CDG	CDG	CDG	CDG	MAK	CDG	CDG	CDG	CDG	MAK															
	α2/5000i						MAK	CDG	CDG	CDG		MAK	CDG	CDG	CDG	CDG	MAK															
	α4/4000i						MAT	CSS				MAT	CSS	CSS	CSS		MAT	CFF	CFF	CFF	CFF	MKK	CVF	CVF	CVF	CVF	MKK					
	α8/3000i						MAT					MAT					MAT	CFF	CFF	CFF		MKK	CVF	CVF	CVF	CVF	MKK					
	α12/3000i																	CTS	CTS			MKW	CMD	CMD	CMD	CMD	MKW	CND	CND	CND	CND	MSM
	α22/3000i																					MKW	CMD	CMD			MKW	CND	CND	CND	CND	MSM
	α30/3000i																					MKW	CMD				MKW	CND	CND	CND		MSM
	α40/3000i																											CWD				RSM
αis (Taper shaft)	α2/5000is						MAK	CDG	CDG	CDG		MAK	CDG	CDG	CDG	CDG	MAK															
	α4/5000is																															
	α8/4000is						MAT					MAT					MAT	CFF	CFF	CFF		MKK	CVF	CVF	CVF	CVF	MKK					
	α12/4000is						MAT					MAT					MAT	CFF				MKK	CVF	CVF	CVF	CVF	MKK			CHD	CHG	MSA
	α22/4000is																					MKW	CMD	CMD			MKW	CND	CND	CND	CND	MSM
	α30/4000is																					MKW	CMD				MKW	CND	CND	CND		MSM
	α40/4000is																					MKW	CMD				MKW	CND	CND			MSM
	α50/3000is																					MKW					RSM					RSM
βis (Taper shaft)	β2/4000is	CDG					MAK	CDG	CDG	CDG	CDG	MAK	CDG	CDG	CDG	CDG	MAK															
	β4/4000is																															
	β8/3000is						MAT					MAT	CSS	CSS			MAT	CFF	CFF	CFF	CFF	MKK	CVF	CVF	CVF	CVF	MKK			CHG	CHG	MSA
	β12/3000is						MAT					MAT	CSS				MAT	CFF	CFF	CFF		MKK	CVF	CVF	CVF	CVF	MKK			CHG	CHG	MSA
	β22/2000is																	CTS				MKW	CMD	CMD	CMD		MKW	CND	CND	CND	CND	MSM

Note: **1.** Only the combinations that satisfy the following equation are colored.
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2. The coupling is selected so that the following equation is satisfied.
(Allowable transmission torque of coupling) > {Momentary maximum allowable torque of reduction gear / (Speed ratio x 0.8)}

3. Limitation must be imposed to the motor torque in the following case.
(Momentary maximum torque of motor) > {Momentary maximum allowable torque of reduction gear / (Speed ratio x 0.8)}

4. The reduction gear should be selected so that the following equation is satisfied.
(Momentary maximum torque upon emergency stop) < {Momentary maximum allowable torque of reduction gear / (Speed ratio x0.8)}

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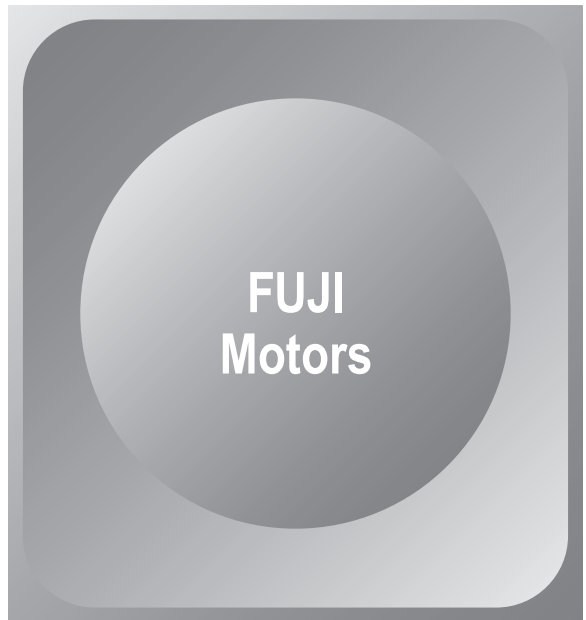

Quick Selection Table of Product Code

■ FUJI Motors and RD-E Series

Model Code		RD-006E						RD-020E						RD-040E						RD-080E						RD-160E						RD-320E					
Ratio Code		031	043	054	079	103	Motor Flange Code	041	057	081	105	161	Motor Flange Code	041	057	081	105	153	Motor Flange Code	041	057	081	101	153	Motor Flange Code	066	081	101	145	171	Motor Flange Code	066	081	101	141	185	Motor Flange Code
Motor Model		Coupling Code						Coupling Code						Coupling Code						Coupling Code						Coupling Code						Coupling Code					
FALDIC-α	GYS500DC1-8B						MAA						MAA																								
	GYS101DC1-6B		CAS	CAS	CAS	CAS	MAA				CAS	CAS	MAA																								
	GYS201DC1-6B	CAB	CAB	CAB	CAB	CAB	MAF	CCS	CCS	CAB	CAB	CAB	MAF				CES	CES																			
	GYS371DC1-6B	CAB	CAB	CAB	CAB		MAF	CCS	CCS	CAB	CAB	CAB	MAF				CES	CES																			
	GYS101DC1-B		CAS	CAS	CAS	CAS	MAA				CAS	CAS	MAA																								
	GYS201DC1-A	CAB	CAB	CAB	CAB	CAB	MAF	CCS	CCS	CAB	CAB	CAB	MAF				CES	CES																			
	GYS401DC1-A	CAB	CAB	CAB	CAB		MAF	CCS	CCS	CAB	CAB	CAB	MAF				CES	CES																			
	GYS751DC1-A	CAD	CAD				MAM	CCA	CAD	CAD	CAD		MAM			CEA	CEA	CEA	MKC					CEA	MKC												
	GYS102DC1-SA	CCE					MBB	CCE	CCE	CCE	CCE		MBB	CFD	CEE	CEE	CEE	CEE	MKX	CKD	CVD	CFD	CEE	CEE	MKX		CKD	CKD	CVD	CVD	MTC				CKD	CKD	MTC
	GYS152DC1-SA						MBB	CCE	CCE				MBB	CFD	CEE	CEE	CEE	CEE	MKX	CKD	CVD	CFD	CEE	CEE	MKX		CKD	CKD	CVD	CVD	MTC				CKD	CKD	MTC
	GYS202DC1-SA						MBB	CCE					MBB	CFD	CEE	CEE	CEE		MKX	CKD	CVD	CFD	CEE	CEE	MKX		CKD	CKD	CVD	CVD	MTC				CKD	CKD	MTC
	GYS302DC1-SA													CFE	CFE	CFE			MKS	CKC	CVE	CFE	CFE	CFE	MKS	CKC	CKC	CVE	CVE	CVE	MSE				CKC	CVE	MSE
	GYS402DC1-SA													CFE	CFE				MKS	CKC	CVE	CFE	CFE		MKS	CKC	CKC	CVE	CVE	CVE	MSE				CKC	CVE	MSE
	GYS502DC1-SA													CFE					MKS	CKC	CVE	CFE	CFE		MKS	CKC	CKC	CVE	CVE	CVE	MSE				CKC	CVE	MSE
	GYC101DC1-A		CAS	CAS	CAS	CAS	MAF				CAS	CAS	MAF																								
	GYC201DC1-A	CAB	CAB	CAB	CAB	CAB	MAZ	CCS	CCS	CAB	CAB	CAB	MAZ				CES	CES																			
	GYC401DC1-A	CAB	CAB	CAB	CAB		MAZ	CCS	CCS	CAB	CAB	CAB	MAZ				CES	CES																			
	GYC751DC1-A	CAD	CAD				MAY	CCA	CAD	CAD	CAD		MAY			CEA	CEA	CEA	MKX					CEA	MKX												
	GYC102DC1-SA	CCE					MAT	CCE	CCE	CCE	CCE		MAT	CFD	CEE	CEE	CEE	CEE	MKK	CKD	CVD	CFD	CEE	CEE	MKK		CKD	CKD	CVD	CVD	MSA				CKD	CKD	MSA
	GYC152DC1-SA						MAT	CCE	CCE				MAT	CFD	CEE	CEE	CEE	CEE	MKK	CKD	CVD	CFD	CEE	CEE	MKK		CKD	CKD	CVD	CVD	MSA				CKD	CKD	MSA
	GYC202DC1-SA						MAT	CCE					MAT	CFD	CEE	CEE	CEE		MKK	CKD	CVD	CFD	CEE	CEE	MKK		CKD	CKD	CVD	CVD	MSA				CKD	CKD	MSA
	GYA501BC1-SA	CCE					MAT	CCE	CCE	CCE	CCE		MAT	CFD	CEE	CEE	CEE	CEE	MKK	CKD	CVD	CFD	CEE	CEE	MKK		CKD	CKD	CVD	CVD	MSA				CKD	CKD	MSA
	GYA152BC1-SA													CFE	CFE	CFE			MKS	CKC	CVE	CFE	CFE	CFE	MKS	CKC	CKC	CVE	CVE	CVE	MSE				CKC	CVE	MSE
	GYA252BC1-SA													CFE					MKS	CKC	CVE	CFE	CFE		MKS	CKC	CKC	CVE	CVE	CVE	MSE				CKC	CVE	MSE
	GYM292BC1-KC													CJB					MKT	CKB	CKB	CJB	CJB		MKT	CKB	CKB	CKB	CKB	CKB	MSF	CWS	CWS	CKB	CKB	CKB	MSF RSF
	GYM402BC1-KC																		MKT	CKB	CKB				MKT	CKB	CKB	CKB	CKB		MSF	CWS	CWS	CKB	CKB	CKB	MSF RSF
	GYM552BC1-KC																			CMB						CMB	CMB	CMB				CWB	CNB	CMB	CMB	CMB	
	GYM752BC1-KC																									CMB	CMB					CWB	CNB	CMB	CMB	CMB	
	GYM113BC1-KC																															CWB	CNB	CMB	CMB	CMB	
	GYM153BC1-KC																																				

■ FUJI Motors and RD-E Series

	Model Code	RD-006E						RD-020E						RD-040E						RD-080E						RD-160E						RD-320E					
	Ratio Code	031	043	054	079	103	Motor Flange Code	041	057	081	105	161	Motor Flange Code	041	057	081	105	153	Motor Flange Code	041	057	081	101	153	Motor Flange Code	066	081	101	145	171	Motor Flange Code	066	081	101	141	185	Motor Flange Code
	Motor Model	Coupling Code						Coupling Code						Coupling Code						Coupling Code						Coupling Code						Coupling Code					
FALDIC-β	GYS500DC1-C8B						MAA						MAA																								
	GYS101DC1-C6B		CAS	CAS	CAS	CAS	MAA				CAS	CAS	MAA																								
	GYS201DC1-C6B	CAB	CAB	CAB	CAB	CAB	MAF	CCS	CCS	CAB	CAB	CAB	MAF				CES	CES																			
	GYS101DC1-CB		CAS	CAS	CAS	CAS	MAA				CAS	CAS	MAA																								
	GYS201DC1-CA	CAB	CAB	CAB	CAB	CAB	MAF	CCS	CCS	CAB	CAB	CAB	MAF				CES	CES																			
	GYS401DC1-CA	CAB	CAB	CAB	CAB		MAF	CCS	CCS	CAB	CAB	CAB	MAF				CES	CES																			
	GYS751DC1-CA	CAD	CAD				MAM	CCA	CAD	CAD	CAD		MAM			CEA	CEA	CEA	MKC					CEA	MKC												
	GYC101DC1-CA		CAS	CAS	CAS	CAS	MAF				CAS	CAS	MAF																								
	GYC201DC1-CA	CAB	CAB	CAB	CAB	CAB	MAZ	CCS	CCS	CAB	CAB	CAB	MAZ				CES	CES																			
	GYC401DC1-CA	CAB	CAB	CAB	CAB		MAZ	CCS	CCS	CAB	CAB	CAB	MAZ				CES	CES																			
	GYC751DC1-CA	CAD	CAD				MAY	CCA	CAD	CAD	CAD		MAY			CEA	CEA	CEA	MKX					CEA	MKX												
FALDIC-W	GYG182BC2-T2G													CJB	CJB	CJB			MKT	CKB	CKB	CJB	CJB	CJB	MKT	CKB	CKB	CKB	CKB	CKB	MSF	CWS	CWS	CKB	CKB	CKB	MSF RSF
	GYG292BC2-T2G													CJB					MKT	CKB	CKB	CJB	CJB		MKT	CKB	CKB	CKB	CKB	CKB	MSF	CWS	CWS	CKB	CKB	CKB	MSF RSF
	GYS500DC2-T2A						MAA						MAA																								
	GYS101DC2-T2A		CAS	CAS	CAS	CAS	MAA				CAS	CAS	MAA																								
	GYS201DC2-T2A	CAB	CAB	CAB	CAB	CAB	MAF	CCS	CCS	CAB	CAB	CAB	MAF				CES	CES																			
	GYS401DC2-T2A	CAB	CAB	CAB	CAB		MAF	CCS	CCS	CAB	CAB	CAB	MAF				CES	CES																			
	GYS751DC2-T2A	CAD	CAD				MAM	CCA	CAD	CAD	CAD		MAM			CEA	CEA	CEA	MKC					CEA	MKC												
	GYG501CC2-T2E	CAF	CAF				MAX	CCB	CAF	CAF	CAF		MAX	CFS	CFS	CEB	CEB	CEB	MKQ			CFS	CFS	CEB	MKQ				CVS	CVS	MSC						MSC
	GYG751CC2-T2E	CAF					MAX	CCB	CAF	CAF			MAX	CFS	CFS	CEB	CEB	CEB	MKQ			CFS	CFS	CEB	MKQ				CVS	CVS	MSC						MSC
	GYG102CC2-T2E						MAX	CCL	CCL				MAX	CFA	CFA	CFA	CFA	CFA	MKQ			CFA	CFA	CFA	MKQ				CVA	CVA	MSC						MSC
	GYG152CC2-T2E						MAX	CCL					MAX	CFA	CFA	CFA	CFA		MKQ			CFA	CFA	CFA	MKQ				CVA	CVA	MSC						MSC
	GYG202CC2-T2E						MAX						MAX	CFA	CFA	CFA			MKQ			CFA	CFA	CFA	MKQ				CVA	CVA	MSC						MSC
	GYG501BC2-T2E	CAF					MAT	CCB	CAF	CAF	CAF		MAT	CFS	CFS	CEB	CEB	CEB	MKK			CFS	CFS	CEB	MKK				CVS	CVS	MSA						MSA
	GYG851BC2-T2E						MAT	CCB	CAF				MAT	CFS	CFS	CEB	CEB	CEB	MKK			CFS	CFS	CEB	MKK				CVS	CVS	MSA						MSA
	GYG851BC2-T2E						MAT	CCB					MAT	CFS	CFS	CEB			MKK			CFS	CFS	CEB	MKK				CVS	CVS	MSA						MSA

Note: **1.** Only the combinations that satisfy the following equation are colored.
(Rated torque of motor x 0.5) < {Rated torque of reduction gear / (Speed ratio x 0.8)} < (Rated torque of motor x 1.5)

2. The coupling is selected so that the following equation is satisfied.
(Allowable transmission torque of coupling) > {Momentary maximum allowable torque of reduction gear / (Speed ratio x 0.8)}

3. Limitation must be imposed to the motor torque in the following case.
(Momentary maximum torque of motor) > {Momentary maximum allowable torque of reduction gear / (Speed ratio x 0.8)}

4. The reduction gear should be selected so that the following equation is satisfied.
(Momentary maximum torque upon emergency stop) < {Momentary maximum allowable torque of reduction gear / (Speed ratio x0.8)}

5. Matching verification between the reduction gear and the motor in the above quick selection table, should be used as a reference, since they have been matched based only on the torque comparisons during operation of the reduction gear. For more precise motor selection, the effective torque, load inertia moment, brake torque, regenerative ability, and so forth, must also be considered.

■ FUJI Motors and RD-C Series

Model Code		RD-010C						RD-027C					RD-050C					RD-100C					RD-200C					RD-320C				
Ratio Code		081	108	153	189	243	Motor Flange Code	100	142	184	233	Motor Flange Code	109	153	196	240	Motor Flange Code	101	150	210	258	Motor Flange Code	106	156	206	245	Motor Flange Code	115	157	207	253	Motor Flange Code
Motor Model		Coupling Code						Coupling Code					Coupling Code					Coupling Code					Coupling Code					Coupling Code				
FALDIC-α	GYS500DC1-8B						MAA					MAA					MAA														
	GYS101DC1-6B	CBS	CBS	CBS	CBS	CBS	MAA			CBS	CBS	MAA					MAA														
	GYS201DC1-6B	CBB	CBB	CBB	CBB	CBB	MAF	CBB	CBB	CBB	CBB	MAF	CDS	CDS	CBB	CBB	MAF			CES	CES											
	GYS371DC1-6B	CBB	CBB	CBB			MAF	CBB	CBB	CBB	CBB	MAF	CDS	CDS	CBB	CBB	MAF			CES	CES											
	GYS101DC1-B	CBS	CBS	CBS	CBS	CBS	MAA			CBS	CBS	MAA					MAA														
	GYS201DC1-A	CBB	CBB	CBB	CBB	CBB	MAF	CBB	CBB	CBB	CBB	MAF	CDS	CDS	CBB	CBB	MAF			CES	CES											
	GYS401DC1-A	CBB	CBB	CBB			MAF	CBB	CBB	CBB	CBB	MAF	CDS	CDS	CBB	CBB	MAF			CES	CES											
	GYS751DC1-A	CBD					MAM	CBD	CBD	CBD		MAM	CDA	CBD	CBD	CBD	MAM			CEA	CEA	MKC					MKC				
	GYS102DC1-SA						MBB	CDE	CDE			MBB	CDE	CDE	CDE	CDE	MBB	CFD	CEE	CEE	CEE	MKX	CKD	CVD	CVD	CVD	MKX		CLD	CLD	CHD	MTC
	GYS152DC1-SA						MBB	CDE				MBB	CDE	CDE	CDE		MBB	CFD	CEE	CEE	CEE	MKX	CKD	CVD	CVD	CVD	MKX		CLD	CLD	CHD	MTC
	GYS202DC1-SA						MBB					MBB	CDE	CDE			MBB	CFD	CEE	CEE	CEE	MKX	CKD	CVD	CVD	CVD	MKX		CLD	CLD	CHD	MTC
	GYS302DC1-SA																	CFE	CFE	CFE		MKS	CKC	CVE	CVE	CVE	MKS		CLC	CHE	CHE	MSE
	GYS402DC1-SA																	CFE	CFE			MKS	CKC	CVE	CVE	CVE	MKS		CLC	CHE	CHE	MSE
	GYS502DC1-SA																	CFE				MKS	CKC	CVE	CVE	CVE	MKS		CLC	CHE	CHE	MSE
	GYC101DC1-A	CBS	CBS	CBS	CBS	CBS	MAF			CBS	CBS	MAF					MAF														
	GYC201DC1-A	CBB	CBB	CBB	CBB	CBB	MAZ	CBB	CBB	CBB	CBB	MAZ	CDS	CDS	CBB	CBB	MAZ			CES	CES											
	GYC401DC1-A	CBB	CBB	CBB			MAZ	CBB	CBB	CBB	CBB	MAZ	CDS	CDS	CBB	CBB	MAZ			CES	CES											
	GYC751DC1-A	CBD					MAY	CBD	CBD	CBD		MAY	CDA	CBD	CBD	CBD	MAY			CEA	CEA	MKX					MKX					MTC
	GYC102DC1-SA						MAT	CDE	CDE			MAT	CDE	CDE	CDE	CDE	MAT	CFD	CEE	CEE	CEE	MKK	CKD	CVD	CVD	CVD	MKK		CLD	CLD	CHD	MSA
	GYC152DC1-SA						MAT	CDE				MAT	CDE	CDE	CDE		MAT	CFD	CEE	CEE	CEE	MKK	CKD	CVD	CVD	CVD	MKK		CLD	CLD	CHD	MSA
	GYC202DC1-SA						MAT					MAT	CDE	CDE			MAT	CFD	CEE	CEE	CEE	MKK	CKD	CVD	CVD	CVD	MKK		CLD	CLD	CHD	MSA
	GYA501BC1-SA						MAT	CDE	CDE			MAT	CDE	CDE	CDE	CDE	MAT	CFD	CEE	CEE	CEE	MKK	CKD	CVD	CVD	CVD	MKK		CLD	CLD	CHD	MSA
	GYA152BC1-SA																	CFE	CFE	CFE		MKS	CKC	CVE	CVE	CVE	MKS		CLC	CHE	CHE	MSE
	GYA252BC1-SA																	CFE				MKS	CKC	CVE	CVE	CVE	MKS		CLC	CHE	CHE	MSE
	GYM292BC1-KC																	CJB				MKT	CKB	CKB	CKB	CKB	MKT	CLB	CLB	CLB	CLB	MSF
	GYM402BC1-KC																					MKT	CKB	CKB			MKT	CLB	CLB	CLB	CLB	MSF
	GYM552BC1-KC																						CMB					CNB	CNB	CNB		
	GYM752BC1-KC																											CNB	CNB			
	GYM113BC1-KC																															
	GYM153BC1-KC																															

■ FUJI Motors and RD-C Series

Model Code		RD-010C						RD-027C					RD-050C					RD-100C					RD-200C					RD-320C				
Ratio Code		081	108	153	189	243	Motor Flange Code	100	142	184	233	Motor Flange Code	109	153	196	240	Motor Flange Code	101	150	210	258	Motor Flange Code	106	156	206	245	Motor Flange Code	115	157	207	253	Motor Flange Code
Motor Model		Coupling Code						Coupling Code					Coupling Code					Coupling Code					Coupling Code					Coupling Code				
FALDIC-β	GYS500DC1-C8B						MAA					MAA					MAA														
	GYS101DC1-C6B	CBS	CBS	CBS	CBS	CBS	MAA			CBS	CBS	MAA					MAA														
	GYS201DC1-C6B	CBB	CBB	CBB	CBB	CBB	MAF	CBB	CBB	CBB	CBB	MAF	CDS	CDS	CBB	CBB	MAF			CES	CES											
	GYS101DC1-CB	CBS	CBS	CBS	CBS	CBS	MAA			CBS	CBS	MAA					MAA														
	GYS201DC1-CA	CBB	CBB	CBB	CBB	CBB	MAF	CBB	CBB	CBB	CBB	MAF	CDS	CDS	CBB	CBB	MAF			CES	CES											
	GYS401DC1-CA	CBB	CBB	CBB			MAF	CBB	CBB	CBB	CBB	MAF	CDS	CDS	CBB	CBB	MAF			CES	CES											
	GYS751DC1-CA	CBD					MAM	CBD	CBD	CBD		MAM	CDA	CBD	CBD	CBD	MAM			CEA	CEA	MKC					MKC					
	GYC101DC1-CA	CBB	CBB	CBB	CBB	CBB	MAF	CBB	CBB	CBB	CBB	MAF	CDS	CDS	CBB	CBB	MAF			CES	CES											
	GYC201DC1-CA	CBB	CBB	CBB	CBB	CBB	MAZ	CBB	CBB	CBB	CBB	MAZ	CDS	CDS	CBB	CBB	MAZ			CES	CES											
	GYC401DC1-CA	CBB	CBB	CBB			MAZ	CBB	CBB	CBB	CBB	MAZ	CDS	CDS	CBB	CBB	MAZ			CES	CES											
	GYC751DC1-CA	CBD					MAY	CBD	CBD	CBD		MAY	CDA	CBD	CBD	CBD	MAY			CEA	CEA	MKX					MKX					MTC
FALDIC-W	GYG182BC2-T2G																	CJB	CJB	CJB		MKT	CKB	CKB	CKB	CKB	MKT	CLB	CLB	CLB	CLB	MSF
	GYG292BC2-T2G																	CJB				MKT	CKB	CKB	CKB	CKB	MKT	CLB	CLB	CLB	CLB	MSF
	GYS500DC2-T2A						MAA					MAA					MAA														
	GYS101DC2-T2A	CBS	CBS	CBS	CBS	CBS	MAA			CBS	CBS	MAA					MAA														
	GYS201DC2-T2A	CBB	CBB	CBB	CBB	CBB	MAF	CBB	CBB	CBB	CBB	MAF	CDS	CDS	CBB	CBB	MAF			CES	CES											
	GYS401DC2-T2A	CBB	CBB	CBB			MAF	CBB	CBB	CBB	CBB	MAF	CDS	CDS	CBB	CBB	MAF			CES	CES											
	GYS751DC2-T2A	CBD					MAM	CBD	CBD	CBD		MAM	CDA	CBD	CBD	CBD	MAM			CEA	CEA	MKC					MKC					
	GYG501CC2-T2E	CBF					MAX	CBF	CBF	CBF		MAX	CDB	CBF	CBF	CBF	MAX	CFS	CEB	CEB	CEB	MKQ			CVS	CVS	MKQ					MSC
	GYG751CC2-T2E						MAX	CBF	CBF			MAX	CDB	CBF	CBF	CBF	MAX	CFS	CEB	CEB	CEB	MKQ			CVS	CVS	MKQ					MSC
	GYG102CC2-T2E						MAX	CDH				MAX	CDH	CDH	CDH		MAX	CFA	CFA	CFA	CFA	MKQ		CVA	CVA	CVA	MKQ				CHA	MSC
	GYG152CC2-T2E						MAX					MAX	CDH				MAX	CFA	CFA	CFA	CFA	MKQ		CVA	CVA	CVA	MKQ				CHA	MSC
	GYG202CC2-T2E						MAX					MAX	CDH				MAX	CFA	CFA	CFA		MKQ		CVA	CVA	CVA	MKQ				CHA	MSC
	GYG501BC2-T2E						MAT	CBF	CBF			MAT	CDB	CBF	CBF	CBF	MAT	CFS	CEB	CEB	CEB	MKK			CVS	CVS	MKK					MSA
	GYG851BC2-T2E						MAT	CBF				MAT	CDB	CBF			MAT	CFS	CEB	CEB	CEB	MKK			CVS	CVS	MKK					MSA
	GYG851BC2-T2E						MAT					MAT	CDB				MAT	CFS	CEB	CEB		MKK			CVS	CVS	MKK					MSA

Note: **1.** Only the combinations that satisfy the following equation are colored.
(Rated torque of motor x 0.5) < {Rated torque of reduction gear / (Speed ratio x 0.8)} < (Rated torque of motor x 1.5)

2. The coupling is selected so that the following equation is satisfied.
(Allowable transmission torque of coupling) > {Momentary maximum allowable torque of reduction gear / (Speed ratio x 0.8)}

3. Limitation must be imposed to the motor torque in the following case.
(Momentary maximum torque of motor) > {Momentary maximum allowable torque of reduction gear / (Speed ratio x 0.8)}

4. The reduction gear should be selected so that the following equation is satisfied.
(Momentary maximum torque upon emergency stop) < {Momentary maximum allowable torque of reduction gear / (Speed ratio x0.8)}

5. Matching verification between the reduction gear and the motor in the above quick selection table, should be used as a reference, since they have been matched based only on the torque comparisons during operation of the reduction gear. For more precise motor selection, the effective torque, load inertia moment, brake torque, regenerative ability, and so forth, must also be considered.

MITSUBISHI
Motors

Quick Selection Table of Product Code

■ MITSUBISHI Motors and RD-E Series

Model Code		RD-006E						RD-020E						RD-040E						RD-080E						RD-160E						RD-320E					
Ratio Code		031	043	054	079	103	Motor Flange Code	041	057	081	105	161	Motor Flange Code	041	057	081	105	153	Motor Flange Code	041	057	081	101	153	Motor Flange Code	066	081	101	145	171	Motor Flange Code	066	081	101	141	185	Motor Flange Code
Motor Model		Coupling Code						Coupling Code						Coupling Code						Coupling Code						Coupling Code						Coupling Code					
KFS	HC-KFS053		CAS	CAS	CAS	CAS	MAA				CAS	CAS	MAA																							
	HC-KFS13		CAS	CAS	CAS	CAS	MAA				CAS	CAS	MAA																							
	HC-KFS23	CAB	CAB	CAB	CAB	CAB	MAF			CAB	CAB	CAB	MAF					CES																		
	HC-KFS43	CAB	CAB	CAB	CAB		MAF			CAB	CAB	CAB	MAF					CES																		
	HC-KFS73	CAF	CAF				MAM			CAF	CAF		MAM					CEB	MKC						MKC											
	HC-KFS410	CAB	CAB	CAB	CAB	CAB	MAF			CAB	CAB	CAB	MAF				CES	CES																		
	HC-KFS46	CAB	CAB	CAB	CAB	CAB	MAF			CAB	CAB	CAB	MAF				CES	CES																		
RFS	HC-RFS103	CCE	CCE				MBB	CCE	CCE	CCE	CCE		MBB	CFD	CEE	CEE	CEE	CEE	MKX		CVD	CFD	CEE	CEE	MKX			CKD	CVD	CVD	MTC					CKD	MTC
	HC-RFS153						MBB	CCE	CCE	CCE			MBB	CFD	CEE	CEE	CEE	CEE	MKX		CVD	CFD	CEE	CEE	MKX			CKD	CVD	CVD	MTC					CKD	MTC
	HC-RFS203						MBB	CCE	CCE				MBB	CFD	CEE	CEE	CEE	CEE	MKX		CVD	CFD	CEE	CEE	MKX			CKD	CVD	CVD	MTC					CKD	MTC
	HC-RFS353													CFE	CFE	CFE			MKS		CVE	CFE	CFE	CFE	MKS			CVE	CVE	CVE	MSE					CVE	MSE
	HC-RFS503													CFE	CFE				MKS		CVE	CFE	CFE		MKS			CVE	CVE	CVE	MSE					CVE	MSE
SFS	HC-SFS53	CCE	CCE	CCE			MAX	CCE	CCE	CCE	CCE	CCE	MAX	CFD	CEE	CEE	CEE	CEE	MKQ	CKD	CVD	CFD	CEE	CEE	MKQ		CKD	CKD	CVD	CVD	MSC				CKD	CKD	MSC
	HC-SFS52	CCE	CCE				MAX	CCE	CCE	CCE	CCE		MAX	CFD	CEE	CEE	CEE	CEE	MKQ	CKD	CVD	CFD	CEE	CEE	MKQ		CKD	CKD	CVD	CVD	MSC				CKD	CKD	MSC
	HC-SFS103	CCE					MAX	CCE	CCE	CCE	CCE		MAX	CFD	CEE	CEE	CEE	CEE	MKQ	CKD	CVD	CFD	CEE	CEE	MKQ		CKD	CKD	CVD	CVD	MSC				CKD	CKD	MSC
	HC-SFS153						MAX	CCE	CCE				MAX	CFD	CEE	CEE	CEE	CEE	MKQ	CKD	CVD	CFD	CEE	CEE	MKQ		CKD	CKD	CVD	CVD	MSC				CKD	CKD	MSC
	HC-SFS102						MAX	CCE	CCE				MAX	CFD	CEE	CEE	CEE	CEE	MKQ	CKD	CVD	CFD	CEE	CEE	MKQ		CKD	CKD	CVD	CVD	MSC				CKD	CKD	MSC
	HC-SFS203													CJB	CJB	CJB	CJB		MKT	CKB	CKB	CJB	CJB	CJB	MKT	CKB	CKB	CKB	CKB	CKB	MSF		CWS	CKB	CKB	CKB	MSF RSF
	HC-SFS152						MAX	CCE					MAX	CFD	CEE	CEE	CEE		MKQ	CKD	CVD	CFD	CEE	CEE	MKQ		CKD	CKD	CVD	CVD	MSC				CKD	CKD	MSC
	HC-SFS81						MAX	CCE					MAX	CFD	CEE	CEE	CEE		MKQ	CKD	CVD	CFD	CEE	CEE	MKQ		CKD	CKD	CVD	CVD	MSC				CKD	CKD	MSC
	HC-SFS202													CJB	CJB	CJB			MKT	CKB	CKB	CJB	CJB	CJB	MKT	CKB	CKB	CKB	CKB	CKB	MSF		CWS	CKB	CKB	CKB	MSF RSF
	HC-SFS353													CJB	CJB				MKT	CKB	CKB	CJB	CJB		MKT	CKB	CKB	CKB	CKB	CKB	MSF		CWS	CKB	CKB	CKB	MSF RSF
	HC-SFS121													CJB	CJB				MKT	CKB	CKB	CJB	CJB		MKT	CKB	CKB	CKB	CKB	CKB	MSF		CWS	CKB	CKB	CKB	MSF RSF
	HC-SFS352													CJB					MKT	CKB	CKB	CJB			MKT	CKB	CKB	CKB	CKB	CKB	MSF		CWS	CKB	CKB	CKB	MSF RSF
	HC-SFS201													CJB					MKT	CKB	CKB	CJB			MKT	CKB	CKB	CKB	CKB	CKB	MSF		CWS	CKB	CKB	CKB	MSF RSF
	HC-SFS502																		MKT	CKB	CKB				MKT	CKB	CKB	CKB			MSF		CWS	CKB	CKB	CKB	MSF RSF
	HC-SFS301																		MKT	CKB	CKB				MKT	CKB	CKB	CKB			MSF		CWS	CKB	CKB	CKB	MSF RSF
	HC-SFS702																		MKT	CKB					MKT	CKB	CKB				MSF		CWS	CKB	CKB	CKB	MSF RSF

■ MITSUBISHI Motors and RD-E Series

Model Code		RD-006E						RD-020E						RD-040E						RD-080E						RD-160E						RD-320E					
Ratio Code		031	043	054	079	103	Motor Flange Code	041	057	081	105	161	Motor Flange Code	041	057	081	105	153	Motor Flange Code	041	057	081	101	153	Motor Flange Code	066	081	101	145	171	Motor Flange Code	066	081	101	141	185	Motor Flange Code
Motor Model		Coupling Code						Coupling Code						Coupling Code						Coupling Code						Coupling Code						Coupling Code					
LFS	HC-LFS52	CCE	CCE				MAX	CCE	CCE	CCE	CCE		MAX	CFD	CEE	CEE	CEE	CEE	MKQ	CKD	CVD	CFD	CEE	CEE	MKQ		CKD	CKD	CVD	CVD	MSC				CKD	CKD	MSC
	HC-LFS102						MAX	CCE	CCE				MAX	CFD	CEE	CEE	CEE	CEE	MKQ	CKD	CVD	CFD	CEE	CEE	MKQ		CKD	CKD	CVD	CVD	MSC				CKD	CKD	MSC
	HC-LFS152						MAX	CCE					MAX	CFD	CEE	CEE	CEE		MKQ	CKD	CVD	CFD	CEE	CEE	MKQ		CKD	CKD	CVD	CVD	MSC				CKD	CKD	MSC
	HC-LFS202													CJB	CJB	CJB			MKT	CKB	CKB	CJB	CJB	CJB	MKT	CKB	CKB	CKB	CKB	CKB	MSF		CWS	CKB	CKB	CKB	MSF RSF
	HC-LFS302													CJB	CJB				MKT	CKB	CKB	CJB	CJB		MKT	CKB	CKB	CKB	CKB	CKB	MSF		CWS	CKB	CKB	CKB	MSF RSF
	HA-LFS502																		MLR	CMB	CMB				MLR	CMB	CMB	CMB			MTH	CWB	CNB	CMB	CMB	CMB	MTH
	HA-LFS702																		MLR	CMB					MLR	CMB	CMB				MTH	CWB	CNB	CMB	CMB	CMB	MTH
	HA-LFS601																		MLR						MLR						MTH	CWB	CNB	CMB			MTH
	HA-LFS801																																				
KP	HF-KP053		CAS	CAS	CAS	CAS	MAA				CAS	CAS	MAA																								
	HF-KP13		CAS	CAS	CAS	CAS	MAA				CAS	CAS	MAA																								
	HF-KP23	CAB	CAB	CAB	CAB	CAB	MAF	CCS	CCS	CAB	CAB	CAB	MAF				CES	CES																			
	HF-KP43	CAB	CAB	CAB	CAB		MAF	CCS	CCS	CAB	CAB	CAB	MAF				CES	CES																			
	HF-KP73	CAF	CAF				MAM	CCB	CAF	CAF	CAF		MAM	CFS	CFS	CEB	CEB	CEB	MKC			CFS	CFS	CEB	MKC				CVS	CVS							
SP	HF-SP52	CCE	CCE				MAX	CCE	CCE	CCE	CCE		MAX	CFD	CEE	CEE	CEE	CEE	MKQ		CVD	CFD	CEE	CEE	MKQ		CKD	CKD	CVD	CVD	MSC				CKD	CKD	MSC
	HF-SP102						MAX	CCE	CCE				MAX	CFD	CEE	CEE	CEE	CEE	MKQ		CVD	CFD	CEE	CEE	MKQ		CKD	CKD	CVD	CVD	MSC				CKD	CKD	MSC
	HF-SP152						MAX	CCE					MAX	CFD	CEE	CEE	CEE		MKQ		CVD	CFD	CEE	CEE	MKQ		CKD	CKD	CVD	CVD	MSC				CKD	CKD	MSC
	HF-SP202													CJB	CJB	CJB			MKT	CKB	CKB	CJB	CJB	CJB	MKT	CKB	CKB	CKB	CKB	CKB	MSF		CWS	CKB	CKB	CKB	MSF RSF
	HF-SP352													CJB					MKT	CKB	CKB	CJB			MKT	CKB	CKB	CKB	CKB	CKB	MSF		CWS	CKB	CKB	CKB	MSF RSF

Note: **1.** Only the combinations that satisfy the following equation are colored.
(Rated torque of motor x 0.5) < {Rated torque of reduction gear / (Speed ratio x 0.8)} < (Rated torque of motor x 1.5)

2. The coupling is selected so that the following equation is satisfied.
(Allowable transmission torque of coupling) > {Momentary maximum allowable torque of reduction gear / (Speed ratio x 0.8)}

3. Limitation must be imposed to the motor torque in the following case.
(Momentary maximum torque of motor) > {Momentary maximum allowable torque of reduction gear / (Speed ratio x 0.8)}

4. The reduction gear should be selected so that the following equation is satisfied.
(Momentary maximum torque upon emergency stop) < {Momentary maximum allowable torque of reduction gear / (Speed ratio x0.8)}

5. Matching verification between the reduction gear and the motor in the above quick selection table, should be used as a reference, since they have been matched based only on the torque comparisons during operation of the reduction gear. For more precise motor selection, the effective torque, load inertia moment, brake torque, regenerative ability, and so forth, must also be considered.

■ MITSUBISHI Motors and RD-E Series

Model Code		RD-006E						RD-020E						RD-040E						RD-080E						RD-160E						RD-320E					
Ratio Code		031	043	054	079	103	Motor Flange Code	041	057	081	105	161	Motor Flange Code	041	057	081	105	153	Motor Flange Code	041	057	081	101	153	Motor Flange Code	066	081	101	145	171	Motor Flange Code	066	081	101	141	185	Motor Flange Code
Motor Model		Coupling Code						Coupling Code						Coupling Code						Coupling Code						Coupling Code						Coupling Code					
UFS	HC-UFS13		CAS	CAS	CAS	CAS	MAF				CAS	CAS	MAF																							
	HC-UFS23	CAB	CAB	CAB	CAB	CAB	MAZ	CCS	CCS	CAB	CAB	CAB	MAZ				CES	CES						CES												
	HC-UFS43	CAB	CAB	CAB	CAB		MAZ	CCS	CCS	CAB	CAB	CAB	MAZ				CES	CES						CES												
	HC-UFS73	CAF	CAF				MBD	CCB	CAF	CAF	CAF		MBD	CFS	CFS	CEB	CEB	CEB	MKZ			CFS	CFS	CEB	MKZ				CVS	CVS	MTD					MTD
	HC-UFS72	CCL						CCL	CCL	CCL				CFA	CFA	CFA	CFA	CFA	MLF		CVA	CFA	CFA	CFA	MLF				CVA	CVA	MTF					MTF
	HC-UFS152													CFE	CFE	CFE	CFE		MLF	CKC	CVE	CFE	CFE	CFE	MLF	CKC	CKC	CVE	CVE	CVE	MTF				CKC	CVE	MTF
	HC-UFS202													CJB	CJB	CJB				CKB	CKB	CJB	CJB	CJB		CKB	CKB	CKB	CKB	CKB	MSX				CKB	CKB	MSX
	HC-UFS352													CJB						CKB	CKB	CJB				CKB	CKB	CKB	CKB	CKB	MSX				CKB	CKB	MSX
	HC-UFS502																			CKB	CKB					CKB	CKB	CKB			MSX				CKB	CKB	MSX
MFS	HC-MFS053		CAS	CAS	CAS	CAS	MAA				CAS	CAS	MAA																							
	HC-MFS13		CAS	CAS	CAS	CAS	MAA				CAS	CAS	MAA																							
	HC-MFS23	CAB	CAB	CAB	CAB	CAB	MAF			CAB	CAB	CAB	MAF					CES																		
	HC-MFS43	CAB	CAB	CAB	CAB		MAF			CAB	CAB	CAB	MAF					CES																		
	HC-MFS73	CAF	CAF				MAM			CAF	CAF		MAM					CEB	MKC						MKC											

Note: **1.** Only the combinations that satisfy the following equation are colored.
(Rated torque of motor x 0.5) < {Rated torque of reduction gear / (Speed ratio x 0.8)} < (Rated torque of motor x 1.5)

2. The coupling is selected so that the following equation is satisfied.
(Allowable transmission torque of coupling) > {Momentary maximum allowable torque of reduction gear / (Speed ratio x 0.8)}

3. Limitation must be imposed to the motor torque in the following case.
(Momentary maximum torque of motor) > {Momentary maximum allowable torque of reduction gear / (Speed ratio x 0.8)}

4. The reduction gear should be selected so that the following equation is satisfied.
(Momentary maximum torque upon emergency stop) < {Momentary maximum allowable torque of reduction gear / (Speed ratio x0.8)}

5. Matching verification between the reduction gear and the motor in the above quick selection table, should be used as a reference, since they have been matched based only on the torque comparisons during operation of the reduction gear. For more precise motor selection, the effective torque, load inertia moment, brake torque, regenerative ability, and so forth, must also be considered.

■ MITSUBISHI Motors and RD-C Series

Model Code		RD-010C						RD-027C					RD-050C					RD-100C					RD-200C					RD-320C				
Ratio Code		081	108	153	189	243	Motor Flange Code	100	142	184	233	Motor Flange Code	109	153	196	240	Motor Flange Code	101	150	210	258	Motor Flange Code	106	156	206	245	Motor Flange Code	115	157	207	253	Motor Flange Code
Motor Model		Coupling Code						Coupling Code					Coupling Code					Coupling Code					Coupling Code					Coupling Code				
KFS	HC-KFS053	CBS	CBS	CBS	CBS	CBS	MAA			CBS	CBS	MAA					MAA														
	HC-KFS13	CBS	CBS	CBS	CBS	CBS	MAA			CBS	CBS	MAA					MAA														
	HC-KFS23	CBB	CBB	CBB	CBB	CBB	MAF	CBB	CBB	CBB	CBB	MAF			CBB	CBB	MAF														
	HC-KFS43	CBB	CBB	CBB			MAF	CBB	CBB	CBB	CBB	MAF			CBB	CBB	MAF														
	HC-KFS73	CBF					MAM	CBF	CBF	CBF		MAM			CBF	CBF	MAM					MKC					MKC				
	HC-KFS410	CBB	CBB	CBB	CBB	CBB	MAF	CBB	CBB	CBB	CBB	MAF			CBB	CBB	MAF														
	HC-KFS46	CBB	CBB	CBB	CBB	CBB	MAF	CBB	CBB	CBB	CBB	MAF			CBB	CBB	MAF														
RFS	HC-RFS103							CDE	CDE	CDE		MBB	CDE	CDE	CDE	CDE	MBB	CFD	CEE	CEE	CEE	MKX	CKD	CVD	CVD	CVD	MKX			CLD	CHD	MTC
	HC-RFS153							CDE				MBB	CDE	CDE	CDE	CDE	MBB	CFD	CEE	CEE	CEE	MKX	CKD	CVD	CVD	CVD	MKX			CLD	CHD	MTC
	HC-RFS203							CDE				MBB	CDE	CDE			MBB	CFD	CEE	CEE	CEE	MKX	CKD	CVD	CVD	CVD	MKX			CLD	CHD	MTC
	HC-RFS353																	CFE	CFE	CFE		MKS	CKC	CVE	CVE	CVE	MKS			CHE	CHE	MSE
	HC-RFS503																	CFE	CFE			MKS	CKC	CVE	CVE	CVE	MKS			CHE	CHE	MSE
SFS	HC-SFS53	CDE	CDE				MAX	CDE	CDE	CDE	CDE	MAX	CDE	CDE	CDE	CDE	MAX	CFD	CEE	CEE	CEE	MKQ	CKD	CVD	CVD	CVD	MKQ		CLD	CLD	CHD	MSC
	HC-SFS52	CDE					MAX	CDE	CDE	CDE		MAX	CDE	CDE	CDE	CDE	MAX	CFD	CEE	CEE	CEE	MKQ	CKD	CVD	CVD	CVD	MKQ		CLD	CLD	CHD	MSC
	HC-SFS103						MAX	CDE	CDE			MAX	CDE	CDE	CDE	CDE	MAX	CFD	CEE	CEE	CEE	MKQ	CKD	CVD	CVD	CVD	MKQ		CLD	CLD	CHD	MSC
	HC-SFS153						MAX	CDE				MAX	CDE	CDE	CDE		MAX	CFD	CEE	CEE	CEE	MKQ	CKD	CVD	CVD	CVD	MKQ		CLD	CLD	CHD	MSC
	HC-SFS102						MAX	CDE				MAX	CDE	CDE	CDE		MAX	CFD	CEE	CEE	CEE	MKQ	CKD	CVD	CVD	CVD	MKQ		CLD	CLD	CHD	MSC
	HC-SFS203																	CJB	CJB	CJB	CJB	MKT	CKB	CKB	CKB	CKB	MKT	CLB	CLB	CLB	CLB	MSF
	HC-SFS152						MAX					MAX	CDE				MAX	CFD	CEE	CEE	CEE	MKQ	CKD	CVD	CVD	CVD	MKQ		CLD	CLD	CHD	MSC
	HC-SFS81						MAX					MAX	CDE				MAX	CFD	CEE	CEE		MKQ	CKD	CVD	CVD	CVD	MKQ		CLD	CLD	CHD	MSC
	HC-SFS202																	CJB	CJB	CJB		MKT	CKB	CKB	CKB	CKB	MKT	CLB	CLB	CLB	CLB	MSF
	HC-SFS353																	CJB	CJB			MKT	CKB	CKB	CKB	CKB	MKT	CLB	CLB	CLB	CLB	MSF
	HC-SFS121																	CJB	CJB			MKT	CKB	CKB	CKB	CKB	MKT	CLB	CLB	CLB	CLB	MSF
	HC-SFS352																	CJB				MKT	CKB	CKB	CKB		MKT	CLB	CLB	CLB	CLB	MSF
	HC-SFS201																	CJB				MKT	CKB	CKB	CKB		MKT	CLB	CLB	CLB	CLB	MSF
	HC-SFS502																					MKT	CKB	CKB			MKT	CLB	CLB	CLB	CLB	MSF
	HC-SFS301																					MKT	CKB				MKT	CLB	CLB	CLB		MSF
	HC-SFS702																					MKT	CKB				MKT	CLB	CLB			MSF

■ MITSUBISHI Motors and RD-C Series

Model Code		RD-010C						RD-027C					RD-050C					RD-100C					RD-200C					RD-320C				
Ratio Code		081	108	153	189	243	Motor Flange Code	100	142	184	233	Motor Flange Code	109	153	196	240	Motor Flange Code	101	150	210	258	Motor Flange Code	106	156	206	245	Motor Flange Code	115	157	207	253	Motor Flange Code
Motor Model		Coupling Code						Coupling Code					Coupling Code					Coupling Code					Coupling Code					Coupling Code				
LFS	HC-LFS52	CDE					MAX	CDE	CDE	CDE		MAX	CDE	CDE	CDE	CDE	MAX	CFD	CEE	CEE	CEE	MKQ	CKD	CVD	CVD	CVD	MKQ		CLD	CLD	CHD	MSC
	HC-LFS102						MAX	CDE				MAX	CDE	CDE	CDE		MAX	CFD	CEE	CEE	CEE	MKQ	CKD	CVD	CVD	CVD	MKQ		CLD	CLD	CHD	MSC
	HC-LFS152						MAX					MAX	CDE				MAX	CFD	CEE	CEE	CEE	MKQ	CKD	CVD	CVD	CVD	MKQ		CLD	CLD	CHD	MSC
	HC-LFS202																	CJB	CJB	CJB		MKT	CKB	CKB	CKB	CKB	MKT	CLB	CLB	CLB	CLB	MSF
	HC-LFS302																	CJB	CJB			MKT	CKB	CKB	CKB	CKB	MKT	CLB	CLB	CLB	CLB	MSF
	HA-LFS502																					MLR	CMB	CMB			MLR		CNB	CNB	CNB	MTH
	HA-LFS702																					MLR	CMB				MLR	CNB	CNB			MTH
	HA-LFS601																					MLR					MLR					MTH
	HA-LFS801																															
KP	HF-KP053	CBS	CBS	CBS	CBS	CBS	MAA			CBS	CBS	MAA					MAA															
	HF-KP13	CBS	CBS	CBS	CBS	CBS	MAA			CBS	CBS	MAA					MAA															
	HF-KP23	CBB	CBB	CBB	CBB	CBB	MAF	CBB	CBB	CBB	CBB	MAF	CDS	CDS	CBB	CBB	MAF															
	HF-KP43	CBB	CBB	CBB			MAF	CBB	CBB	CBB	CBB	MAF	CDS	CDS	CBB	CBB	MAF			CES	CES											
	HF-KP73	CBF					MAM	CBF	CBF	CBF		MAM	CDB	CBF	CBF	CBF	MAM	CFS	CEB	CEB	CEB	MKC			CVS	CVS	MKC					
SP	HF-SP52	CDE					MAX	CDE	CDE	CDE		MAX	CDE	CDE	CDE	CDE	MAX	CFD	CEE	CEE	CEE	MKQ	CKD	CVD	CVD	CVD	MKQ		CLD	CLD	CHD	MSC
	HF-SP102						MAX	CDE				MAX	CDE	CDE	CDE		MAX	CFD	CEE	CEE	CEE	MKQ	CKD	CVD	CVD	CVD	MKQ		CLD	CLD	CHD	MSC
	HF-SP152						MAX					MAX	CDE				MAX	CFD	CEE	CEE	CEE	MKQ	CKD	CVD	CVD	CVD	MKQ		CLD	CLD	CHD	MSC
	HF-SP202																	CJB	CJB	CJB		MKT	CKB	CKB	CKB	CKB	MKT	CLB	CLB	CLB	CLB	MSF
	HF-SP352																	CJB				MKT	CKB	CBB			MKT	CLB	CLB	CLB	CLB	MSF

■ MITSUBISHI Motors and RD-C Series

Model Code		RD-010C						RD-027C					RD-050C					RD-100C					RD-200C					RD-320C				
Ratio Code		081	108	153	189	243	Motor Flange Code	100	142	184	233	Motor Flange Code	109	153	196	240	Motor Flange Code	101	150	210	258	Motor Flange Code	106	156	206	245	Motor Flange Code	115	157	207	253	Motor Flange Code
Motor Model		Coupling Code						Coupling Code					Coupling Code					Coupling Code					Coupling Code					Coupling Code				
UFS	HC-UFS13	CBS	CBS	CBS	CBS	CBS	MAF			CBS	CBS	MAF					MAF															
	HC-UFS23	CBB	CBB	CBB	CBB	CBB	MAZ	CBB	CBB	CBB	CBB	MAZ	CDS	CDS	CBB	CBB	MAZ			CES	CES											
	HC-UFS43	CBB	CBB	CBB			MAZ	CBB	CBB	CBB	CBB	MAZ	CDS	CDS	CBB	CBB	MAZ			CES	CES											
	HC-UFS73	CBF					MBD	CBF	CBF	CBF		MBD	CDB	CBF	CBF	CBF	MBD	CFS	CEB	CEB	CEB	MKZ			CVS	CVS	MKZ					MTD
	HC-UFS72							CDH	CDH					CDH	CDH	CDH		CFA	CFA	CFA	CFA	MLF		CVA	CVA	CVA	MLF				CHA	MTF
	HC-UFS152																	CFE	CFE	CFE	CFE	MLF	CKC	CVE	CVE	CVE	MLF		CLC	CHE	CHE	MTF
	HC-UFS202																	CJB	CJB	CJB			CKB	CKB	CKB	CKB		CLB	CLB	CLB	CLB	MSX
	HC-UFS352																	CJB					CKB	CKB	CKB			CLB	CLB	CLB	CLB	MSX
	HC-UFS502																						CKB	CKB				CLB	CLB	CLB	CLB	MSX
MFS	HC-MFS053	CBS	CBS	CBS	CBS	CBS	MAA			CBS	CBS	MAA					MAA															
	HC-MFS13	CBS	CBS	CBS	CBS	CBS	MAA			CBS	CBS	MAA					MAA															
	HC-MFS23	CBB	CBB	CBB	CBB	CBB	MAF	CBB	CBB	CBB	CBB	MAF			CBB	CBB	MAF															
	HC-MFS43	CBB	CBB	CBB			MAF	CBB	CBB	CBB	CBB	MAF			CBB	CBB	MAF															
	HC-MFS73	CBF					MAM	CBF	CBF	CBF		MAM			CBF	CBF	MAM					MKC					MKC					

Note: **1.** Only the combinations that satisfy the following equation are colored.
(Rated torque of motor x 0.5) < {Rated torque of reduction gear / (Speed ratio x 0.8)} < (Rated torque of motor x 1.5)

2. The coupling is selected so that the following equation is satisfied.
(Allowable transmission torque of coupling) > {Momentary maximum allowable torque of reduction gear / (Speed ratio x 0.8)}

3. Limitation must be imposed to the motor torque in the following case.
(Momentary maximum torque of motor) > {Momentary maximum allowable torque of reduction gear / (Speed ratio x 0.8)}

4. The reduction gear should be selected so that the following equation is satisfied.
(Momentary maximum torque upon emergency stop) < {Momentary maximum allowable torque of reduction gear / (Speed ratio x0.8)}

5. Matching verification between the reduction gear and the motor in the above quick selection table, should be used as a reference, since they have been matched based only on the torque comparisons during operation of the reduction gear. For more precise motor selection, the effective torque, load inertia moment, brake torque, regenerative ability, and so forth, must also be considered.

Quick Selection Table of Product Code

■ Panasonic Motors and RD-E Series

Model Code		RD-006E						RD-020E						RD-040E						RD-080E						RD-160E						RD-320E					
Ratio Code		031	043	054	079	103	Motor Flange Code	041	057	081	105	161	Motor Flange Code	041	057	081	105	153	Motor Flange Code	041	057	081	101	153	Motor Flange Code	066	081	101	145	171	Motor Flange Code	066	081	101	141	185	Motor Flange Code
Motor Model		Coupling Code						Coupling Code						Coupling Code						Coupling Code						Coupling Code						Coupling Code					
MDMA	MDMA08	CAF					MAX	CCB	CAF	CAF			MAX	CFS	CFS	CEB	CEB	CEB	MKQ			CFS	CFS	CEB	MKQ				CVS	CVS	MSC						MSC
	MDMA10						MAX	CCL	CCL				MAX	CFA	CFA	CFA	CFA	CFA	MKQ		CVA	CFA	CFA	CFA	MKQ				CVA	CVA	MSC						MSC
	MDMA15						MAX	CCL					MAX	CFA	CFA	CFA	CFA		MKQ		CVA	CFA	CFA	CFA	MKQ				CVA	CVA	MSC						MSC
	MDMA20													CFA	CFA	CFA			MKQ		CVA	CFA	CFA	CFA	MKQ				CVA	CVA	MSC						MSC
	MDMA25													CFD	CEE				MKS	CKD	CVD	CFD	CEE		MKS		CKD	CKD	CVD	CVD	MSE				CKD	CKD	MSE
	MDMA30													CFD	CEE				MKS	CKD	CVD	CFD	CEE		MKS		CKD	CKD	CVD	CVD	MSE				CKD	CKD	MSE
	MDMA35													CFE					MKR	CKC	CVE	CFE			MKR	CKC	CKC	CVE	CVE	CVE	MSK				CKC	CVE	MSK
	MDMA40													CFE					MKR	CKC	CVE	CFE			MKR	CKC	CKC	CVE	CVE	CVE	MSK				CKC	CVE	MSK
	MDMA45													CJA					MLJ	CKA	CKA				MLJ	CKA	CKA	CKA	CKA		MSL				CKA	CKA	MSL
	MDMA50																		MLJ	CKA	CKA				MLJ	CKA	CKA	CKA			MSL				CKA	CKA	MSL
MFMA	MFMA04	CAF	CAF	CAF			MAX	CCB	CAF	CAF	CAF	CAF	MAX	CFS	CFS	CEB	CEB	CEB	MKQ			CFS	CFS	CEB	MKQ				CVS	CVS	MSC						MSC
	MFMA08	CCL						CCL	CCL	CCL				CFA	CFA	CFA	CFA	CFA	MLF		CVA	CFA	CFA	CFA	MLF				CVA	CVA	MTF						MTF
	MFMA15													CJA	CJA	CJA	CJA		MLJ	CKA	CKA	CJA	CJA	CJA	MLJ	CKA	CKA	CKA	CKA	CKA	MSL				CKA	CKA	MSL
	MFMA25													CJA	CJA	CJA				CKA	CKA	CJA	CJA	CJA		CKA	CKA	CKA	CKA	CKA	MSX				CKA	CKA	MSX
	MFMA35													CJA	CJA					CKA	CKA	CJA	CJA			CKA	CKA	CKA	CKA	CKA	MSX				CKA	CKA	MSX
	MFMA45													CJA						CKA	CKA	CJA				CKA	CKA	CKA	CKA	CKA	MSY				CKA	CKA	MSY
MGMA	MGMA03	CCL	CCL				MBE	CCL	CCL	CCL	CCL		MBE	CFA	CFA	CFA	CFA	CFA	MLA		CVA	CFA	CFA	CFA	MLA				CVA	CVA	MSS						MSS
	MGMA06						MBE	CCL	CCL				MBE	CFA	CFA	CFA	CFA	CFA	MLA		CVA	CFA	CFA	CFA	MLA				CVA	CVA	MSS						MSS
	MGMA09						MBE	CCL					MBE	CFA	CFA	CFA	CFA		MLA		CVA	CFA	CFA	CFA	MLA				CVA	CVA	MSS						MSS
	MGMA12													CJA	CJA	CJA			MKT	CKA	CKA	CJA	CJA	CJA	MKT	CKA	CKA	CKA	CKA	CKA	MSF	CWC	CWC	CKA	CKA	CKA	MSF RSF
	MGMA20													CJA					MKT	CKA	CKA	CJA	CJA		MKT	CKA	CKA	CKA	CKA	CKA	MSF	CWC	CWC	CKA	CKA	CKA	MSF RSF
	MGMA30																		MKT	CKA	CKA				MKT	CKA	CKA	CKA			MSF	CWC	CWC	CKA	CKA	CKA	MSF RSF
	MGMA45																			CMB						CMB	CMB				RST	CWB	CNB	CMB	CMB		RST
MQMA	MQMA01		CAS	CAS	CAS	CAS	MAJ				CAS	CAS	MAJ																								
	MQMA02	CAA	CAA	CAA	CAA	CAA	MAN			CAA	CAA	CAA	MAN																								
	MQMA04	CAB	CAB	CAB	CAB		MAN	CCS	CCS	CAB	CAB	CAB	MAN																								

Note: **1.** Only the combinations that satisfy the following equation are colored.
(Rated torque of motor x 0.5) < {Rated torque of reduction gear / (Speed ratio x 0.8)} < (Rated torque of motor x 1.5)

2. The coupling is selected so that the following equation is satisfied.
(Allowable transmission torque of coupling) > {Momentary maximum allowable torque of reduction gear / (Speed ratio x 0.8)}

3. Limitation must be imposed to the motor torque in the following case.
(Momentary maximum torque of motor) > {Momentary maximum allowable torque of reduction gear / (Speed ratio x 0.8)}

4. The reduction gear should be selected so that the following equation is satisfied.
(Momentary maximum torque upon emergency stop) < {Momentary maximum allowable torque of reduction gear / (Speed ratio x0.8)}

5. Matching verification between the reduction gear and the motor in the above quick selection table, should be used as a reference, since they have been matched based only on the torque comparisons during operation of the reduction gear. For more precise motor selection, the effective torque, load inertia moment, brake torque, regenerative ability, and so forth, must also be considered.

■ Panasonic Motors and RD-E Series

Model Code		RD-006E						RD-020E						RD-040E						RD-080E						RD-160E						RD-320E					
Ratio Code		031	043	054	079	103	Motor Flange Code	041	057	081	105	161	Motor Flange Code	041	057	081	105	153	Motor Flange Code	041	057	081	101	153	Motor Flange Code	066	081	101	145	171	Motor Flange Code	066	081	101	141	185	Motor Flange Code
Motor Model		Coupling Code						Coupling Code						Coupling Code						Coupling Code						Coupling Code						Coupling Code					
MHMA	MHMA05	CCL	CCL	CCL			MBE	CCL	CCL	CCL	CCL	CCL	MBE	CFA	CFA	CFA	CFA	CFA	MLA		CVA	CFA	CFA	CFA	MLA				CVA	CVA	MSS						MSS
	MHMA10						MBE	CCL	CCL				MBE	CFA	CFA	CFA	CFA	CFA	MLA		CVA	CFA	CFA	CFA	MLA				CVA	CVA	MSS						MSS
	MHMA15						MBE	CCL					MBE	CFA	CFA	CFA	CFA		MLA		CVA	CFA	CFA	CFA	MLA				CVA	CVA	MSS						MSS
	MHMA20													CJA	CJA	CJA			MKT	CKA	CKA	CJA	CJA	CJA	MKT	CKA	CKA	CKA	CKA	CKA	MSF				CKA	CKA	MSF
	MHMA30													CJA	CJA				MKT	CKA	CKA	CJA	CJA		MKT	CKA	CKA	CKA	CKA	CKA	MSF				CKA	CKA	MSF
	MHMA40													CJA					MKT	CKA	CKA	CJA			MKT	CKA	CKA	CKA	CKA	CKA	MSF				CKA	CKA	MSF
	MHMA50																		MKT	CKA	CKA				MKT	CKA	CKA	CKA			MSF				CKA	CKA	MSF
MSMA	MSMA01		CAS	CAS	CAS	CAS	MAB				CAS	CAS	MAB																								
	MSMA02	CAA	CAA	CAA	CAA	CAA	MAJ			CAA	CAA	CAA	MAJ																								
	MSMA04	CAB	CAB	CAB	CAB		MAJ	CCS	CCS	CAB	CAB	CAB	MAJ				CES	CES																			
	MSMA08	CAF	CAF				MAR	CCB	CAF	CAF	CAF		MAR	CFS	CFS	CEB	CEB	CEB	MKE			CFS	CFS	CEB	MKE				CVS	CVS							
	MSMA10	CAF					MAS	CCB	CAF	CAF	CAF		MAS	CFS	CFS	CEB	CEB	CEB	MKF			CFS	CFS	CEB	MKF				CVS	CVS							
	MSMA15						MBC	CCB	CAF				MBC	CFS	CFS	CEB	CEB	CEB	MKH			CFS	CFS	CEB	MKH				CVS	CVS	MSD						MSD
	MSMA20						MBC	CCB					MBC	CFS	CFS	CEB	CEB		MKH			CFS	CFS	CEB	MKH				CVS	CVS	MSD						MSD
	MSMA25						MBC	CCB					MBC	CFS	CFS	CEB	CEB		MKH			CFS	CFS	CEB	MKH				CVS	CVS	MSD						MSD
	MSMA30													CFA	CFA	CFA			MKQ		CVA	CFA	CFA	CFA	MKQ				CVA	CVA	MSC						MSC
	MSMA35													CFA	CFA	CFA			MKQ		CVA	CFA	CFA		MKQ				CVA	CVA	MSC						MSC
	MSMA40													CFD	CEE				MKS		CVD	CFD	CEE		MKS			CKD	CVD	CVD	MSE					CKD	MSE
	MSMA45													CFD	CEE				MKS		CVD	CFD	CEE		MKS			CKD	CVD	CVD	MSE					CKD	MSE
	MSMA50													CFD	CEE				MKS		CVD	CFD	CEE		MKS			CKD	CVD	CVD	MSE					CKD	MSE
MUMS	MUMS01		CAS	CAS	CAS	CAS					CAS	CAS																								
	MUMS02	CAA	CAA	CAA	CAA	CAA				CAA	CAA	CAA																								
	MUMS04	CAB	CAB	CAB	CAB					CAB	CAB	CAB						CES																		
	MUMS08	CAF	CAF							CAF	CAF							CEB																		

■ Panasonic Motors and RD-E Series

Model Code		RD-006E						RD-020E						RD-040E						RD-080E						RD-160E						RD-320E					
Ratio Code		031	043	054	079	103	Motor Flange Code	041	057	081	105	161	Motor Flange Code	041	057	081	105	153	Motor Flange Code	041	057	081	101	153	Motor Flange Code	066	081	101	145	171	Motor Flange Code	066	081	101	141	185	Motor Flange Code
Motor Model		Coupling Code						Coupling Code						Coupling Code						Coupling Code						Coupling Code						Coupling Code					
MAMA	MAMA01		CAS	CAS	CAS	CAS					CAS	CAS																									
	MAMA02	CAA	CAA	CAA	CAA	CAA	MAJ			CAA	CAA	CAA	MAJ																								
	MAMA04	CAB	CAB	CAB	CAB		MAJ			CAB	CAB	CAB	MAJ				CES	CES																			
	MAMA08	CAF	CAF				MAR	CCB	CAF	CAF	CAF		MAR	CFS	CFS	CEB	CEB	CEB	MKE			CFS	CFS	CEB	MKE				CVS	CVS							
MSMD	MSMD5A		CAS	CAS	CAS	CAS	MAB				CAS	CAS	MAB																								
	MSMD01		CAS	CAS	CAS	CAS	MAB				CAS	CAS	MAB																								
	MSMD02	CAA	CAA	CAA	CAA	CAA	MAJ			CAA	CAA	CAA	MAJ																								
	MSMD04	CAB	CAB	CAB	CAB		MAJ	CCS	CCS	CAB	CAB	CAB	MAJ				CES	CES																			
	MSMD08	CAF	CAF				MAR	CCB	CAF	CAF	CAF		MAR	CFS	CFS	CEB	CEB	CEB	MKE			CFS	CFS	CEB	MKE				CVS	CVS							
MUMA	MUMA5A		CAS	CAS	CAS	CAS					CAS	CAS																									
	MUMA01		CAS	CAS	CAS	CAS					CAS	CAS																									
	MUMA02	CAA	CAA	CAA	CAA	CAA	MAJ			CAA	CAA	CAA	MAJ																								
	MUMA04	CAB	CAB	CAB	CAB		MAJ	CCS	CCS	CAB	CAB	CAB	MAJ				CES	CES																			

Note: **1.** Only the combinations that satisfy the following equation are colored.
(Rated torque of motor x 0.5) < {Rated torque of reduction gear / (Speed ratio x 0.8)} < (Rated torque of motor x 1.5)

2. The coupling is selected so that the following equation is satisfied.
(Allowable transmission torque of coupling) > {Momentary maximum allowable torque of reduction gear / (Speed ratio x 0.8)}

3. Limitation must be imposed to the motor torque in the following case.
(Momentary maximum torque of motor) > {Momentary maximum allowable torque of reduction gear / (Speed ratio x 0.8)}

4. The reduction gear should be selected so that the following equation is satisfied.
(Momentary maximum torque upon emergency stop) < {Momentary maximum allowable torque of reduction gear / (Speed ratio x0.8)}

5. Matching verification between the reduction gear and the motor in the above quick selection table, should be used as a reference, since they have been matched based only on the torque comparisons during operation of the reduction gear. For more precise motor selection, the effective torque, load inertia moment, brake torque, regenerative ability, and so forth, must also be considered.

■ Panasonic Motors and RD-C Series

Model Code		RD-010C						RD-027C					RD-050C					RD-100C					RD-200C					RD-320C				
Ratio Code		081	108	153	189	243	Motor Flange Code	100	142	184	233	Motor Flange Code	109	153	196	240	Motor Flange Code	101	150	210	258	Motor Flange Code	106	156	206	245	Motor Flange Code	115	157	207	253	Motor Flange Code
Motor Model		Coupling Code						Coupling Code					Coupling Code					Coupling Code					Coupling Code					Coupling Code				
MDMA	MDMA08						MAX	CBF	CBF			MAX	CDB	CBF	CBF	CBF	MAX	CFS	CEB	CEB	CEB	MKQ			CVS	CVS	MKQ					MSC
	MDMA10						MAX	CDH				MAX	CDH	CDH	CDH		MAX	CFA	CFA	CFA	CFA	MKQ		CVA	CVA	CVA	MKQ				CHA	MSC
	MDMA15						MAX					MAX	CDH				MAX	CFA	CFA	CFA	CFA	MKQ		CVA	CVA	CVA	MKQ				CHA	MSC
	MDMA20																	CFA	CFA	CFA		MKQ		CVA	CVA	CVA	MKQ				CHA	MSC
	MDMA25																	CFD	CEE			MKS	CKD	CVD	CVD	CVD	MKS		CLD	CLD	CHD	MSE
	MDMA30																	CFD				MKS	CKD	CVD	CVD	CVD	MKS		CLD	CLD	CHD	MSE
	MDMA35																	CFE				MKR	CKC	CVE	CVE		MKR		CLC	CHE	CHE	MSK
	MDMA40																	CFE				MKR	CKC	CVE	CVE		MKR		CLC	CHE	CHE	MSK
	MDMA45																					MLJ	CKA	CKA			MLJ	CLA	CLA	CLA	CLA	MSL
	MDMA50																					MLJ	CKA	CKA			MLJ	CLA	CLA	CLA	CLA	MSL
MFMA	MFMA04	CBF	CBF				MAX	CBF	CBF	CBF	CBF	MAX	CDB	CBF	CBF	CBF	MAX	CFS	CEB	CEB	CEB	MKQ			CVS	CVS	MKQ					MSC
	MFMA08							CDH	CDH				CDH	CDH	CDH	CDH		CFA	CFA	CFA	CFA	MLF		CVA	CVA	CVA	MLF				CHA	MTF
	MFMA15																	CJA	CJA	CJA	CJA	MLJ	CKA	CKA	CKA	CKA	MLJ		CLA	CLA	CLA	MSL
	MFMA25																	CJA	CJA				CKA	CKA	CKA	CKA			CLA	CLA	CLA	MSX
	MFMA35																	CJA					CKA	CKA	CKA	CKA			CLA	CLA	CLA	MSX
	MFMA45																	CJA					CKA	CKA	CKA				CLA	CLA	CLA	MSY
MGMA	MGMA03	CDH					MBE	CDH	CDH	CDH	CDH	MBE	CDH	CDH	CDH	CDH	MBE	CFA	CFA	CFA	CFA	MLA		CVA	CVA	CVA	MLA				CHA	MSS
	MGMA06						MBE	CDH				MBE	CDH	CDH	CDH		MBE	CFA	CFA	CFA	CFA	MLA		CVA	CVA	CVA	MLA				CHA	MSS
	MGMA09						MBE					MBE	CDH				MBE	CFA	CFA	CFA	CFA	MLA		CVA	CVA	CVA	MLA				CHA	MSS
	MGMA12																	CJA	CJA	CJA		MKT	CKA	CKA	CKA	CKA	MKT	CLA	CLA	CLA	CLA	MSF
	MGMA20																	CJA				MKT	CKA	CKA	CKA	CKA	MKT	CLA	CLA	CLA	CLA	MSF
	MGMA30																					MKT	CKA	CKA			MKT	CLA	CLA	CLA	CLA	MSF
	MGMA45																						CMB					CNB	CNB			RST
MQMA	MQMA01	CBS	CBS	CBS	CBS	CBS	MAJ			CBS	CBS	MAJ					MAJ															
	MQMA02	CBA	CBA	CBA	CBA	CBA	MAN			CBA	CBA	MAN					MAN															
	MQMA04	CBB	CBB	CBB			MAN			CBB	CBB	MAN					MAN															

■ Panasonic Motors and RD-C Series

Model Code		RD-010C						RD-027C					RD-050C					RD-100C					RD-200C					RD-320C				
Ratio Code		081	108	153	189	243	Motor Flange Code	100	142	184	233	Motor Flange Code	109	153	196	240	Motor Flange Code	101	150	210	258	Motor Flange Code	106	156	206	245	Motor Flange Code	115	157	207	253	Motor Flange Code
Motor Model		Coupling Code						Coupling Code					Coupling Code					Coupling Code					Coupling Code					Coupling Code				
MHMA	MHMA05	CDH					MBE	CDH	CDH	CDH	CDH	MBE	CDH	CDH	CDH	CDH	MBE	CFA	CFA	CFA	CFA	MLA		CVA	CVA	CVA	MLA				CHA	MSS
	MHMA10						MBE	CDH				MBE	CDH	CDH	CDH		MBE	CFA	CFA	CFA	CFA	MLA		CVA	CVA	CVA	MLA				CHA	MSS
	MHMA15						MBE					MBE	CDH				MBE	CFA	CFA	CFA	CFA	MLA		CVA	CVA	CVA	MLA				CHA	MSS
	MHMA20																	CJA	CJA	CJA		MKT	CKA	CKA	CKA	CKA	MKT	CLA	CLA	CLA	CLA	MSF
	MHMA30																	CJA				MKT	CKA	CKA	CKA	CKA	MKT	CLA	CLA	CLA	CLA	MSF
	MHMA40																	CJA				MKT	CKA	CKA	CKA		MKT	CLA	CLA	CLA	CLA	MSF
	MHMA50																					MKT	CKA	CKA			MKT	CLA	CLA	CLA	CLA	MSF
MSMA	MSMA01	CBS	CBS	CBS	CBS	CBS	MAB			CBS	CBS	MAB					MAB															
	MSMA02	CBA	CBA	CBA	CBA	CBA	MAJ		CBA	CBA	CBA	MAJ				CBA	MAJ															
	MSMA04	CBB	CBB	CBB			MAJ	CBB	CBB	CBB	CBB	MAJ	CDS	CDS	CBB	CBB	MAJ			CES	CES											
	MSMA08	CBF					MAR	CBF	CBF	CBF		MAR	CDB	CBF	CBF	CBF	MAR	CFS	CEB	CEB	CEB	MKE			CVS	CVS	MKE					
	MSMA10						MAS	CBF	CBF			MAS	CDB	CBF	CBF	CBF	MAS	CFS	CEB	CEB	CEB	MKF			CVS	CVS	MKF					
	MSMA15						MBC	CBF				MBC	CDB	CBF	CBF		MBC	CFS	CEB	CEB	CEB	MKH			CVS	CVS	MKH					MSD
	MSMA20						MBC					MBC	CDB	CBF			MBC	CFS	CEB	CEB	CEB	MKH			CVS	CVS	MKH					MSD
	MSMA25						MBC					MBC	CDB				MBC	CFS	CEB	CEB		MKH			CVS	CVS	MKH					MSD
	MSMA30																	CFA	CFA	CFA		MKQ		CVA	CVA	CVA	MKQ				CHA	MSC
	MSMA35																	CFA	CFA			MKQ		CVA	CVA	CVA	MKQ				CHA	MSC
	MSMA40																	CFD	CEE			MKS	CKD	CVD	CVD	CVD	MKS			CLD	CHD	MSE
	MSMA45																	CFD				MKS	CKD	CVD	CVD	CVD	MKS			CLD	CHD	MSE
	MSMA50																	CFD				MKS	CKD	CVD	CVD	CVD	MKS			CLD	CHD	MSE
MUMS	MUMS01	CBS	CBS	CBS	CBS	CBS				CBS	CBS																					
	MUMS02	CBA	CBA	CBA	CBA	CBA			CBA	CBA	CBA					CBA																
	MUMS04	CBB	CBB	CBB				CBB	CBB	CBB	CBB				CBB	CBB																
	MUMS08	CBF						CBF	CBF	CBF					CBF	CBF																

Note: **1.** Only the combinations that satisfy the following equation are colored.
(Rated torque of motor x 0.5) < {Rated torque of reduction gear / (Speed ratio x 0.8)} < (Rated torque of motor x 1.5)

2. The coupling is selected so that the following equation is satisfied.
(Allowable transmission torque of coupling) > {Momentary maximum allowable torque of reduction gear / (Speed ratio x 0.8)}

3. Limitation must be imposed to the motor torque in the following case.
(Momentary maximum torque of motor) > {Momentary maximum allowable torque of reduction gear / (Speed ratio x 0.8)}

4. The reduction gear should be selected so that the following equation is satisfied.
(Momentary maximum torque upon emergency stop) < {Momentary maximum allowable torque of reduction gear / (Speed ratio x0.8)}

5. Matching verification between the reduction gear and the motor in the above quick selection table, should be used as a reference, since they have been matched based only on the torque comparisons during operation of the reduction gear. For more precise motor selection, the effective torque, load inertia moment, brake torque, regenerative ability, and so forth, must also be considered.

■ Panasonic Motors and RD-C Series

Model Code		RD-010C						RD-027C					RD-050C					RD-100C					RD-200C					RD-320C				
Ratio Code		081	108	153	189	243	Motor Flange Code	100	142	184	233	Motor Flange Code	109	153	196	240	Motor Flange Code	101	150	210	258	Motor Flange Code	106	156	206	245	Motor Flange Code	115	157	207	253	Motor Flange Code
Motor Model		Coupling Code						Coupling Code					Coupling Code					Coupling Code					Coupling Code					Coupling Code				
MAMA	MAMA01	CBS	CBS	CBS	CBS	CBS				CBS	CBS																				
	MAMA02	CBA	CBA	CBA	CBA	CBA	MAJ		CBA	CBA	CBA	MAJ				CBA	MAJ														
	MAMA04	CBB	CBB	CBB			MAJ	CBB	CBB	CBB	CBB	MAJ	CDS	CDS	CBB	CBB	MAJ			CES	CES										
	MAMA08	CBF					MAR	CBF	CBF	CBF		MAR	CDB	CBF	CBF	CBF	MAR	CFS	CEB	CEB	CEB	MKE			CVS	CVS	MKE				
MSMD	MSMD5A	CBS	CBS	CBS	CBS	CBS	MAB			CBS	CBS	MAB					MAB														
	MSMD01	CBS	CBS	CBS	CBS	CBS	MAB			CBS	CBS	MAB					MAB														
	MSMD02	CBA	CBA	CBA	CBA	CBA	MAJ		CBA	CBA	CBA	MAJ				CBA	MAJ														
	MSMD04	CBB	CBB	CBB			MAJ	CBB	CBB	CBB	CBB	MAJ	CDS	CDS	CBB	CBB	MAJ			CES	CES										
	MSMD08	CBF					MAR	CBF	CBF	CBF		MAR	CDB	CBF	CBF	CBF	MAR	CFS	CEB	CEB	CEB	MKE			CVS	CVS	MKE				
MUMA	MUMA5A	CBS	CBS	CBS	CBS	CBS				CBS	CBS																				
	MUMA01	CBS	CBS	CBS	CBS	CBS				CBS	CBS																				
	MUMA02	CBA	CBA	CBA	CBA	CBA	MAJ		CBA	CBA	CBA	MAJ				CBA	MAJ														
	MUMA04	CBB	CBB	CBB			MAJ	CBB	CBB	CBB	CBB	MAJ	CDS	CDS	CBB	CBB	MAJ			CES	CES										

Note: **1.** Only the combinations that satisfy the following equation are colored.
(Rated torque of motor x 0.5) < {Rated torque of reduction gear / (Speed ratio x 0.8)} < (Rated torque of motor x 1.5)

2. The coupling is selected so that the following equation is satisfied.
(Allowable transmission torque of coupling) > {Momentary maximum allowable torque of reduction gear / (Speed ratio x 0.8)}

3. Limitation must be imposed to the motor torque in the following case.
(Momentary maximum torque of motor) > {Momentary maximum allowable torque of reduction gear / (Speed ratio x 0.8)}

4. The reduction gear should be selected so that the following equation is satisfied.
(Momentary maximum torque upon emergency stop) < {Momentary maximum allowable torque of reduction gear / (Speed ratio x0.8)}

5. Matching verification between the reduction gear and the motor in the above quick selection table, should be used as a reference, since they have been matched based only on the torque comparisons during operation of the reduction gear. For more precise motor selection, the effective torque, load inertia moment, brake torque, regenerative ability, and so forth, must also be considered.

SANYO DENKI
Motors

Quick Selection Table of Product Code

■ SANYO DENKI Motors and RD-E Series

Model Code		RD-006E						RD-020E						RD-040E						RD-080E						RD-160E						RD-320E					
Ratio Code		031	043	054	079	103	Motor Flange Code	041	057	081	105	161	Motor Flange Code	041	057	081	105	153	Motor Flange Code	041	057	081	101	153	Motor Flange Code	066	081	101	145	171	Motor Flange Code	066	081	101	141	185	Motor Flange Code
Motor Model		Coupling Code						Coupling Code						Coupling Code						Coupling Code						Coupling Code						Coupling Code					
Q1	AA06040D	CAB	CAB	CAB	CAB		MAF	CCS	CCS	CAB	CAB	CAB	MAF				CES	CES																			
	AA07075D	CAD	CAD				MBH	CCA	CAD	CAD	CAD		MBH			CEA	CEA	CEA	MLK						MLK												
	AA10100D	CCL					MBF	CCL	CCL	CCL			MBF	CFA	CFA	CFA	CFA	CFA	MLL			CFA	CFA	CFA	MLL				CVA	CVA	MSZ						MSZ
	AA10150D						MBF	CCL	CCL				MBF	CFA	CFA	CFA	CFA	CFA	MLL			CFA	CFA	CFA	MLL				CVA	CVA	MSZ						MSZ
	AA10200D						MBF	CCL					MBF	CFA	CFA	CFA	CFA		MLL			CFA	CFA	CFA	MLL				CVA	CVA	MSZ						MSZ
	AA10250D						MBF	CCL					MBF	CFA	CFA	CFA	CFA		MLL			CFA	CFA	CFA	MLL				CVA	CVA	MSZ						MSZ
	AA12100D	CCL					MBJ	CCL	CCL	CCL			MBJ	CFA	CFA	CFA	CFA	CFA	MLM			CFA	CFA	CFA	MLM				CVA	CVA	MTA						MTA
	AA12200D						MBJ	CCL					MBJ	CFA	CFA	CFA	CFA		MLM			CFA	CFA	CFA	MLM				CVA	CVA	MTA						MTA
	AA12300D													CFE	CFE	CFE			MLN		CVE	CFE	CFE	CFE	MLN	CKC	CKC	CKC	CKC	CKC	MTB				CKC	CKC	MTB
	AA13300D													CFE	CFE	CFE			MKQ		CVE	CFE	CFE	CFE	MKQ	CKC	CKC	CKC	CKC	CKC	MSC				CKC	CKC	MSC
	AA13400D													CFE	CFE				MKQ		CVE	CFE	CFE		MKQ	CKC	CKC	CKC	CKC	CKC	MSC				CKC	CKC	MSC
	AA13500D													CFE					MKQ		CVE	CFE	CFE		MKQ	CKC	CKC	CKC	CKC	CKC	MSC				CKC	CKC	MSC
	AA18450M																		MLH	CKA					MLH	CKA	CKA				MSL	CWC	CWC	CKA	CKA	CKA	MSL RSL
	AA18750H																									CMB					MSF	CWB	CWB	CMB	CMB		MSF RSF

■ SANYO DENKI Motors and RD-E Series

	Model Code	RD-006E						RD-020E						RD-040E						RD-080E						RD-160E						RD-320E					
	Ratio Code	031	043	054	079	103	Motor Flange Code	041	057	081	105	161	Motor Flange Code	041	057	081	105	153	Motor Flange Code	041	057	081	101	153	Motor Flange Code	066	081	101	145	171	Motor Flange Code	066	081	101	141	185	Motor Flange Code
	Motor Model	Coupling Code						Coupling Code						Coupling Code						Coupling Code						Coupling Code						Coupling Code					
Q2	AA07030D	CAB	CAB	CAB	CAB	CAB	MAR	CCS	CCS	CAB	CAB	CAB	MAR				CES	CES	MKE						MKE												
	AA07040D	CAB	CAB	CAB	CAB		MAR	CCS	CCS	CAB	CAB	CAB	MAR				CES	CES	MKE						MKE												
	AA07050D	CAB	CAB	CAB			MAR	CCS	CCS	CAB	CAB	CAB	MAR				CES	CES	MKE						MKE												
	AA08050D	CAD	CAD	CAD			MAQ		CAD	CAD	CAD		MAQ			CEA	CEA	CEA	MKA					CEA	MKA												
	AA08075D	CAD					MAQ		CAD	CAD	CAD		MAQ			CEA	CEA	CEA	MKA					CEA	MKA												
	AA08100D						MAQ		CAD	CAD			MAQ			CEA	CEA	CEA	MKA					CEA	MKA												
	AA10100H						MBB	CCL	CCL				MBB	CFA	CFA	CFA	CFA	CFA	MKX			CFA	CFA	CFA	MKX				CVA	CVA	MTC						MTC
	AA10150H						MBB	CCL					MBB	CFA	CFA	CFA	CFA		MKX			CFA	CFA	CFA	MKX				CVA	CVA	MTC						MTC
	AA13050H	CCL	CCL				MAX	CCL	CCL	CCL	CCL		MAX	CFA	CFA	CFA	CFA	CFA	MKQ			CFA	CFA	CFA	MKQ				CVA	CVA	MSC						MSC
	AA13100H						MAX	CCL	CCL				MAX	CFA	CFA	CFA	CFA	CFA	MKQ			CFA	CFA	CFA	MKQ				CVA	CVA	MSC						MSC
	AA13150H						MAX	CCL					MAX	CFA	CFA	CFA	CFA		MKQ			CFA	CFA	CFA	MKQ				CVA	CVA	MSC						MSC
	AA13200H													CFE	CFE	CFE			MKQ	CKC	CVE	CFE	CFE	CFE	MKQ	CKC	CKC	CVE	CVE	CVE	MSC				CKC	CKC	MSC
	AA18200H													CJA	CJA	CJA			MLH	CKA	CKA	CJA	CJA	CJA	MLH	CKA	CKA	CKA	CKA	CKA	MSL	CWC	CWC	CKA	CKA	CKA	MSL RSL
	AA18350H													CJA					MLH	CKA	CKA	CJA			MLH	CKA	CKA	CKA	CKA	CKA	MSL	CWC	CWC	CKA	CKA	CKA	MSL RSL
	AA18450H																		MLH	CKA	CKA				MLH	CKA	CKA	CKA	CKA		MSL	CWC	CWC	CKA	CKA	CKA	MSL RSL
	AA18550H																		MKT	CMB					MKT	CMB	CMB	CMB			MSF	CWB	CNB	CMB	CMB	CMB	MSF RSF
	AA22250H													CJA	CJA	CJA				CKA	CKA	CJA	CJA	CJA		CKA	CKA	CKA	CKA	CKA	MSX	CWC	CWC	CKA	CKA	CKA	MSX
	AA22350H													CJA						CKA	CKA	CJA				CKA	CKA	CKA	CKA	CKA	MSX	CWC	CWC	CKA	CKA	CKA	MSX
	AA22450R																			CKA	CKA					CKA	CKA	CKA			MSX	CWC	CWC	CKA	CKA	CKA	MSX
	AA22550B																																				
	AA22700S																																				
	AA18550H																		MKT	CMB					MKT	CMB	CMB				MSF	CWB	CNB	CMB	CMB		MSF RSF
	AA18750L																		MKT						MKT	CMB					MSF	CWB	CNB	CMB	CMB		MSF RSF

Note: **1.** Only the combinations that satisfy the following equation are colored.
(Rated torque of motor x 0.5) < {Rated torque of reduction gear / (Speed ratio x 0.8)} < (Rated torque of motor x 1.5)

2. The coupling is selected so that the following equation is satisfied.
(Allowable transmission torque of coupling) > {Momentary maximum allowable torque of reduction gear / (Speed ratio x 0.8)}

3. Limitation must be imposed to the motor torque in the following case.
(Momentary maximum torque of motor) > {Momentary maximum allowable torque of reduction gear / (Speed ratio x 0.8)}

4. The reduction gear should be selected so that the following equation is satisfied.
(Momentary maximum torque upon emergency stop) < {Momentary maximum allowable torque of reduction gear / (Speed ratio x0.8)}

5. Matching verification between the reduction gear and the motor in the above quick selection table, should be used as a reference, since they have been matched based only on the torque comparisons during operation of the reduction gear. For more precise motor selection, the effective torque, load inertia moment, brake torque, regenerative ability, and so forth, must also be considered.

■ SANYO DENKI Motors and RD-E Series

Model Code		RD-006E						RD-020E						RD-040E						RD-080E						RD-160E						RD-320E					
Ratio Code		031	043	054	079	103	Motor Flange Code	041	057	081	105	161	Motor Flange Code	041	057	081	105	153	Motor Flange Code	041	057	081	101	153	Motor Flange Code	066	081	101	145	171	Motor Flange Code	066	081	101	141	185	Motor Flange Code
Motor Model		Coupling Code						Coupling Code						Coupling Code						Coupling Code						Coupling Code						Coupling Code					
P10 (Shaft: Standard Spec.)	B10030HXS00	CAD	CAD	CAD	CAD		MAY	CCA	CAD	CAD	CAD	CAD	MAY			CEA	CEA	CEA	MKN					CEA	MKN												
	B10075HXS00	CAD					MAY	CCA	CAD	CAD			MAY			CEA	CEA	CEA	MKN					CEA	MKN												
	B13050HXS00	CAF					MAT	CCB	CAF	CAF	CAF		MAT	CFS	CFS	CEB	CEB	CEB	MKK			CFS	CFS	CEB	MKK				CVS	CVS	MSA						MSA
	B13100HXS00						MAT	CCB	CAF				MAT	CFS	CFS	CEB	CEB	CEB	MKK			CFS	CFS	CEB	MKK				CVS	CVS	MSA						MSA
	B13150HXS00						MAT	CCL					MAT	CFA	CFA	CFA	CFA		MKK			CFA	CFA	CFA	MKK				CVA	CVA	MSA						MSA
	B18200HXS00													CJB	CJB	CJB			MKT	CKB	CKB	CJB	CJB	CJB	MKT	CKB	CKB	CKB	CKB	CKB	MSF	CWS	CWS	CKB	CKB	CKB	MSF RSF
	B18350HXS00													CJB					MKT	CKB	CKB	CJB			MKT	CKB	CKB	CKB	CKB	CKB	MSF	CWS	CWS	CKB	CKB	CKB	MSF RSF
	B18450RXS00																		MKT	CKB	CKB				MKT	CKB	CKB	CKB			MSF	CWS	CWS	CKB	CKB	CKB	MSF RSF
	B13050BXS00	CAF					MAT	CCB	CAF	CAF	CAF		MAT	CFS	CFS	CEB	CEB	CEB	MKK			CFS	CFS	CEB	MKK				CVS	CVS	MSA						MSA
	B13100BXS00						MAT	CCB	CAF				MAT	CFS	CFS	CEB	CEB	CEB	MKK			CFS	CFS	CEB	MKK				CVS	CVS	MSA						MSA
	B13150BXS00						MAT	CCL					MAT	CFA	CFA	CFA	CFA		MKK			CFA	CFA	CFA	MKK				CVA	CVA	MSA						MSA
	B18200BXS00													CJB	CJB	CJB			MKT	CKB	CKB	CJB	CJB	CJB	MKT	CKB	CKB	CKB	CKB	CKB	MSF	CWS	CWS	CKB	CKB	CKB	MSF RSF
	B18350BXS00													CJB					MKT	CKB	CKB	CJB	CJB		MKT	CKB	CKB	CKB	CKB	CKB	MSF	CWS	CWS	CKB	CKB	CKB	MSF RSF
	B18450BXS00																		MKT	CKB	CKB				MKT	CKB	CKB	CKB			MSF	CWS	CWS	CKB	CKB	CKB	MSF RSF
	B18550MXS00																			CMB						CMB	CMB				RST	CWB	CNB	CMB	CMB		RST
P10 (Shaft: High Rigidity Spec.)	B10030HXSA0		CCL	CCL	CCL		MBB	CCL	CCL	CCL	CCL	CCL	MBB	CFA	CFA	CFA	CFA	CFA	MKX			CFA	CFA	CFA	MKX				CVA	CVA	MTC						MTC
	B10075HXSA0						MBB	CCM	CCM	CCM			MBB		CEK	CEK	CEK	CEK	MKX				CEK	CEK	MKX												
	B13050HXSA0	CCM					MAT	CCM	CCM	CCM	CCM		MAT		CEK	CEK	CEK	CEK	MKK				CEK	CEK	MKK						MSA						MSA
	B13100HXSA0						MAT	CCM	CCM				MAT		CEK	CEK	CEK	CEK	MKK				CEK	CEK	MKK						MSA						MSA
	B13150HXSA0						MAT						MAT	CJA	CJA	CJA	CJA		MKK	CKA	CKA	CJA	CJA	CJA	MKK	CKA	CKA	CKA	CKA	CKA	MSA	CWC	CWC	CKA	CKA	CKA	MSA
	B18200HXSA0																																				
	B18350HXSA0																																				
	B18450RXSA0																																				
	B13050BXSA0	CCM					MAT	CCM	CCM	CCM	CCM		MAT		CEK	CEK	CEK	CEK	MKK				CEK	CEK	MKK						MSA						MSA
	B13100BXSA0						MAT	CCM	CCM				MAT		CEK	CEK	CEK	CEK	MKK				CEK	CEK	MKK						MSA						MSA
	B13150BXSA0						MAT						MAT	CJA	CJA	CJA	CJA		MKK	CKA	CKA	CJA	CJA	CJA	MKK	CKA	CKA	CKA	CKA	CKA	MSA	CWC	CWC	CKA	CKA	CKA	MSA
	B18200BXSA0																																				
	B18350BXSA0																																				
	B18450BXSA0																																				
	B18550MXSA0																																				

■ SANYO DENKI Motors and RD-E Series

Model Code		RD-006E						RD-020E						RD-040E						RD-080E						RD-160E						RD-320E					
Ratio Code		031	043	054	079	103	Motor Flange Code	041	057	081	105	161	Motor Flange Code	041	057	081	105	153	Motor Flange Code	041	057	081	101	153	Motor Flange Code	066	081	101	145	171	Motor Flange Code	066	081	101	141	185	Motor Flange Code
Motor Model		Coupling Code						Coupling Code						Coupling Code						Coupling Code						Coupling Code						Coupling Code					
P20	B10100DXS	CCL					MBB	CCL	CCL	CCL			MBB	CFA	CFA	CFA	CFA	CFA	MKX			CFA	CFA	CFA	MKX				CVA	CVA	MTC						MTC
	B10150DXS						MBB	CCL	CCL				MBB	CFA	CFA	CFA	CFA	CFA	MKX			CFA	CFA	CFA	MKX				CVA	CVA	MTC						MTC
	B10200DXS						MBB	CCL					MBB	CFA	CFA	CFA	CFA		MKX			CFA	CFA	CFA	MKX				CVA	CVA	MTC						MTC
	B10250DXS						MBB	CCL					MBB	CFA	CFA	CFA	CFA		MKX			CFA	CFA	CFA	MKX				CVA	CVA	MTC						MTC
	B13300DXS													CFE	CFE	CFE			MKL		CVE	CFE	CFE	CFE	MKL	CKC	CKC	CKC	CKC	CKC	MSB				CKC	CKC	MSB
	B13400DXS													CFE	CFE				MKZ		CVE	CFE	CFE		MKZ	CKC	CKC	CKC	CKC	CKC	MTD				CKC	CKC	MTD
	B13500DXS													CFE					MKL		CVE	CFE	CFE		MKL	CKC	CKC	CKC	CKC	CKC	MSB				CKC	CKC	MSB
	B10100HXS	CCL					MBB	CCL	CCL	CCL			MBB	CFA	CFA	CFA	CFA	CFA	MKX			CFA	CFA	CFA	MKX				CVA	CVA	MTC						MTC
	B10150HXS						MBB	CCL	CCL				MBB	CFA	CFA	CFA	CFA		MKX			CFA	CFA	CFA	MKX				CVA	CVA	MTC						MTC
	B10200HXS						MBB	CCL					MBB	CFA	CFA	CFA	CFA		MKX			CFA	CFA	CFA	MKX				CVA	CVA	MTC						MTC
	B10250HXS													CFA	CFA				MKX			CFA	CFA		MKX				CVA	CVA	MTC						MTC
	B13300HXS													CFE	CFE				MKL		CVE	CFE	CFE		MKL	CKC	CKC	CKC	CKC	CKC	MSB				CKC	CKC	MSB
	B13400HXS													CFE	CFE				MKZ		CVE	CFE	CFE		MKZ	CKC	CKC	CKC	CKC	CKC	MTD				CKC	CKC	MTD
	B13500HXS													CFE					MKL		CVE	CFE			MKL	CKC	CKC	CKC	CKC	CKC	MSB				CKC	CKC	MSB
P30	B06040DXS00	CAB	CAB	CAB	CAB		MAF	CCS	CCS	CAB	CAB	CAB	MAF				CES	CES																			
	B08075DXS00	CAD	CAD				MAM	CCA	CAD	CAD	CAD		MAM			CEA	CEA	CEA	MKC					CEA	MKC												
P50	B07030DXS00	CAB	CAB	CAB	CAB	CAB	MAR	CCS	CCS	CAB	CAB	CAB	MAR				CES	CES	MKE						MKE												
	B07040DXS00	CAB	CAB	CAB	CAB		MAR	CCS	CCS	CAB	CAB	CAB	MAR				CES	CES	MKE						MKE												
	B08050DXS00	CAD	CAD	CAD			MAQ	CCA	CAD	CAD	CAD	CAD	MAQ			CEA	CEA	CEA	MKA					CEA	MKA												
	B08075DXS00	CAD					MAQ	CCA	CAD	CAD	CAD		MAQ			CEA	CEA	CEA	MKA					CEA	MKA												
	B08100DXS00	CAD					MAQ	CCA	CAD	CAD			MAQ			CEA	CEA	CEA	MKA					CEA	MKA												

Note: **1.** Only the combinations that satisfy the following equation are colored.
(Rated torque of motor x 0.5) < {Rated torque of reduction gear / (Speed ratio x 0.8)} < (Rated torque of motor x 1.5)

2. The coupling is selected so that the following equation is satisfied.
(Allowable transmission torque of coupling) > {Momentary maximum allowable torque of reduction gear / (Speed ratio x 0.8)}

3. Limitation must be imposed to the motor torque in the following case.
(Momentary maximum torque of motor) > {Momentary maximum allowable torque of reduction gear / (Speed ratio x 0.8)}

4. The reduction gear should be selected so that the following equation is satisfied.
(Momentary maximum torque upon emergency stop) < {Momentary maximum allowable torque of reduction gear / (Speed ratio x0.8)}

5. Matching verification between the reduction gear and the motor in the above quick selection table, should be used as a reference, since they have been matched based only on the torque comparisons during operation of the reduction gear. For more precise motor selection, the effective torque, load inertia moment, brake torque, regenerative ability, and so forth, must also be considered.

■ SANYO DENKI Motors and RD-E Series

Model Code		RD-006E						RD-020E						RD-040E						RD-080E						RD-160E						RD-320E					
Ratio Code		031	043	054	079	103	Motor Flange Code	041	057	081	105	161	Motor Flange Code	041	057	081	105	153	Motor Flange Code	041	057	081	101	153	Motor Flange Code	066	081	101	145	171	Motor Flange Code	066	081	101	141	185	Motor Flange Code
Motor Model		Coupling Code						Coupling Code						Coupling Code						Coupling Code						Coupling Code						Coupling Code					
P60	B13050HXS	CCL	CCL				MAX	CCL	CCL	CCL	CCL		MAX	CFA	CFA	CFA	CFA	CFA	MKQ			CFA	CFA	CFA	MKQ				CVA	CVA	MSC						MSC
	B13100HXS						MAX	CCL	CCL				MAX	CFA	CFA	CFA	CFA	CFA	MKQ			CFA	CFA	CFA	MKQ				CVA	CVA	MSC						MSC
	B13150HXS						MAX	CCL					MAX	CFA	CFA	CFA	CFA		MKQ			CFA	CFA	CFA	MKQ				CVA	CVA	MSC						MSC
	B13200HXS													CFE	CFE	CFE			MKQ		CVE	CFE	CFE	CFE	MKQ	CKC	CKC	CKC	CKC	CKC	MSC				CKC	CKC	MSC
	B15300HXS													CFE	CFE				MLE		CVE	CFE	CFE		MLE	CKC	CKC	CKC	CKC	CKC	MTK				CKC	CKC	MTK
	B18200HXS													CJA	CJA	CJA			MLH	CKA	CKA	CJA	CJA	CJA	MLH	CKA	CKA	CKA	CKA	CKA	MSL	CWC	CWC	CKA	CKA	CKA	MSL
	B18350HXS													CJA					MLH	CKA	CKA	CJA			MLH	CKA	CKA	CKA	CKA	CKA	MSL	CWC	CWC	CKA	CKA	CKA	MSL
	B18450RXS																			CKA	CKA				MLH	CKA	CKA	CKA			MSL	CWC	CWC	CKA	CKA	CKA	MSL
	B18550RXS																			CMB					MKT	CMB	CMB	CMB			MSF	CWB	CNB	CMB	CMB	CMB	MSF RSF
	B18750RXS																								MKT	CMB	CMB				MSF	CWB	CNB	CMB	CMB		MSF RSF
	B22550MXS																																				
	B22700SXS																																				
P80	B15075HXS	CCL						CCL	CCL	CCL	CCL			CFA	CFA	CFA	CFA	CFA	MKJ			CFA	CFA	CFA	MKJ				CVA	CVA	MSH						MSH
	B18120HXS													CFE	CFE	CFE	CFE	CFE	MLF			CFE	CFE	CFE	MLF	CKC	CKC	CKC	CKC	CKC	MTF				CKC	CKC	MTF
	B22250HXS													CJA	CJA	CJA				CKA	CKA	CJA	CJA	CJA		CKA	CKA	CKA	CKA	CKA	MSX	CWC	CWC	CKA	CKA	CKA	MSX
	B22350HXS													CJA						CKA	CKA	CJA				CKA	CKA	CKA	CKA	CKA	MSX	CWC	CWC	CKA	CKA	CKA	MSX
	B22450RXS																			CKA	CKA					CKA	CKA	CKA			MSX	CWC	CWC	CKA	CKA	CKA	MSX

■ SANYO DENKI Motors and RD-C Series

Model Code		RD-010C						RD-027C						RD-050C						RD-100C						RD-200C						RD-320C					
Ratio Code		081	108	153	189	243	Motor Flange Code	100	142	184	233	Motor Flange Code		109	153	196	240	Motor Flange Code		101	150	210	258	Motor Flange Code		106	156	206	245	Motor Flange Code		115	157	207	253	Motor Flange Code	
Motor Model		Coupling Code						Coupling Code						Coupling Code						Coupling Code						Coupling Code						Coupling Code					
Q1	AA06040D	CBB	CBB	CBB			MAF	CBB	CBB	CBB	CBB	MAF		CDS	CDS	CBB	CBB	MAF				CES	CES														
	AA07075D	CBD					MBH	CBD	CBD	CBD		MBH		CDA	CBD	CBD	CBD	MBH				CEA	CEA	MLK						MLK							
	AA10100D						MBF	CDH	CDH			MBF		CDH	CDH	CDH	CDH	MBF		CFA	CFA	CFA	CFA	MLL			CVA	CVA	CVA	MLL				CHA	MSZ		
	AA10150D						MBF	CDH				MBF		CDH	CDH	CDH		MBF		CFA	CFA	CFA	CFA	MLL			CVA	CVA	CVA	MLL				CHA	MSZ		
	AA10200D						MBF					MBF		CDH	CDH			MBF		CFA	CFA	CFA	CFA	MLL			CVA	CVA	CVA	MLL				CHA	MSZ		
	AA10250D						MBF					MBF		CDH				MBF		CFA	CFA	CFA		MLL			CVA	CVA	CVA	MLL				CHA	MSZ		
	AA12100D						MBJ	CDH				MBJ		CDH	CDH	CDH	CDH	MBJ		CFA	CFA	CFA	CFA	MLM			CVA	CVA	CVA	MLM				CHA	MTA		
	AA12200D						MBJ					MBJ		CDH				MBJ		CFA	CFA	CFA	CFA	MLM			CVA	CVA	CVA	MLM				CHA	MTA		
	AA12300D																			CFE	CFE			MLN	CKC	CVE	CVE	CVE	MLN		CLC	CHE	CHE	MTB		
	AA13300D																			CFE	CFE	CFE		MKQ	CKC	CVE	CVE	CVE	MKQ		CLC	CHE	CHE	MSC		
	AA13400D																			CFE	CFE			MKQ	CKC	CVE	CVE	CVE	MKQ		CLC	CHE	CHE	MSC		
	AA13500D																			CFE				MKQ	CKC	CVE	CVE	CVE	MKQ		CLC	CHE	CHE	MSC		
	AA18450M																							MLH	CKA				MLH	CLA	CLA			MSL		
	AA18750H																							MKT					MKT	CNB				MSF		

Note: **1.** Only the combinations that satisfy the following equation are colored.
(Rated torque of motor x 0.5) < {Rated torque of reduction gear / (Speed ratio x 0.8)} < (Rated torque of motor x 1.5)

2. The coupling is selected so that the following equation is satisfied.
(Allowable transmission torque of coupling) > {Momentary maximum allowable torque of reduction gear / (Speed ratio x 0.8)}

3. Limitation must be imposed to the motor torque in the following case.
(Momentary maximum torque of motor) > {Momentary maximum allowable torque of reduction gear / (Speed ratio x 0.8)}

4. The reduction gear should be selected so that the following equation is satisfied.
(Momentary maximum torque upon emergency stop) < {Momentary maximum allowable torque of reduction gear / (Speed ratio x0.8)}

5. Matching verification between the reduction gear and the motor in the above quick selection table, should be used as a reference, since they have been matched based only on the torque comparisons during operation of the reduction gear. For more precise motor selection, the effective torque, load inertia moment, brake torque, regenerative ability, and so forth, must also be considered.

■ SANYO DENKI Motors and RD-C Series

Model Code		RD-010C						RD-027C						RD-050C						RD-100C						RD-200C						RD-320C					
Ratio Code		081	108	153	189	243	Motor Flange Code	100	142	184	233	Motor Flange Code		109	153	196	240	Motor Flange Code		101	150	210	258	Motor Flange Code		106	156	206	245	Motor Flange Code		115	157	207	253	Motor Flange Code	
Motor Model		Coupling Code						Coupling Code						Coupling Code						Coupling Code						Coupling Code						Coupling Code					
Q2	AA07030D	CBB	CBB	CBB			MAR	CBB	CBB	CBB	CBB	MAR		CDS	CDS	CBB	CBB	MAR				CES	CES	MKE						MKE							
	AA07040D	CBB	CBB				MAR	CBB	CBB	CBB	CBB	MAR		CDS	CDS	CBB	CBB	MAR				CES	CES	MKE						MKE							
	AA07050D	CBB	CBB				MAR	CBB	CBB	CBB	CBB	MAR		CDS	CDS	CBB	CBB	MAR				CES	CES	MKE						MKE							
	AA08050D	CBD					MAQ	CBD	CBD	CBD	CBD	MAQ		CDA	CDA	CBD	CBD	MAQ				CEA	CEA	MKA						MKA							
	AA08075D						MAQ	CBD	CBD			MAQ		CDA	CDA	CBD	CBD	MAQ				CEA	CEA	MKA						MKA							
	AA08100D						MAQ	CBD				MAQ		CDA	CDA	CBD	CBD	MAQ				CEA	CEA	MKA						MKA							
	AA10100H						MBB	CDH				MBB		CDH	CDH			MBB		CFA	CFA	CFA	CFA	MKX			CVA	CVA	CVA	MKX				CHA	MTC		
	AA10150H						MBB					MBB		CDH				MBB		CFA	CFA	CFA	CFA	MKX			CVA	CVA	CVA	MKX				CHA	MTC		
	AA13050H	CDH					MAX	CDH	CDH	CDH		MAX		CDH	CDH	CDH	CDH	MAX		CFA	CFA	CFA	CFA	MKQ			CVA	CVA	CVA	MKQ				CHA	MSC		
	AA13100H						MAX	CDH				MAX		CDH	CDH	CDH		MAX		CFA	CFA	CFA	CFA	MKQ			CVA	CVA	CVA	MKQ				CHA	MSC		
	AA13150H						MAX					MAX		CDH				MAX		CFA	CFA	CFA	CFA	MKQ			CVA	CVA	CVA	MKQ				CHA	MSC		
	AA13200H																			CFE	CFE			MKQ			CVE	CVE	CVE	MKQ		CLC	CHE	CHE	MSC		
	AA18200H																			CJA	CJA			MLH		CKA	CKA	CKA	CKA	MLH		CLA	CLA	CLA	CLA	MSL	
	AA18350H																			CJA				MLH		CKA	CKA	CKA		MLH		CLA	CLA	CLA	CLA	MSL	
	AA18450H																							MLH		CKA	CKA			MLH		CLA	CLA	CLA	CLA	MSL	
	AA18550H																							MKT		CMB				MKT		CNB	CNB	CNB		MSF	
	AA22250H																			CJA	CJA					CKA	CKA	CKA	CKA			CLA	CLA	CLA	CLA	MSX	
	AA22350H																			CJA						CKA	CKA	CKA	CKA			CLA	CLA	CLA	CLA	MSX	
	AA22450R																									CKA	CKA					CLA	CLA	CLA	CLA	MSX	
	AA22550B																																				
	AA22700S																																				
	AA18550H																							MKT		CMB				MKT		CNB	CNB			MSF	
	AA18750L																							MKT						MKT		CNB				MSF	

Note: **1.** Only the combinations that satisfy the following equation are colored.
(Rated torque of motor x 0.5) < {Rated torque of reduction gear / (Speed ratio x 0.8)} < (Rated torque of motor x 1.5)

2. The coupling is selected so that the following equation is satisfied.
(Allowable transmission torque of coupling) > {Momentary maximum allowable torque of reduction gear / (Speed ratio x 0.8)}

3. Limitation must be imposed to the motor torque in the following case.
(Momentary maximum torque of motor) > {Momentary maximum allowable torque of reduction gear / (Speed ratio x 0.8)}

4. The reduction gear should be selected so that the following equation is satisfied.
(Momentary maximum torque upon emergency stop) < {Momentary maximum allowable torque of reduction gear / (Speed ratio x0.8)}

5. Matching verification between the reduction gear and the motor in the above quick selection table, should be used as a reference, since they have been matched based only on the torque comparisons during operation of the reduction gear. For more precise motor selection, the effective torque, load inertia moment, brake torque, regenerative ability, and so forth, must also be considered.

■ SANYO DENKI Motors and RD-C Series

	Model Code	RD-010C						RD-027C					RD-050C					RD-100C					RD-200C					RD-320C				
	Ratio Code	081	108	153	189	243	Motor Flange Code	100	142	184	233	Motor Flange Code	109	153	196	240	Motor Flange Code	101	150	210	258	Motor Flange Code	106	156	206	245	Motor Flange Code	115	157	207	253	Motor Flange Code
	Motor Model	Coupling Code						Coupling Code					Coupling Code					Coupling Code					Coupling Code					Coupling Code				
P10 (Shaft: Standard Spec.)	B10030HXS00	CBD	CBD				MAY	CBD	CBD	CBD	CBD	MAY	CDA	CBD	CBD	CBD	MAY			CEA	CEA	MKN					MKN					
	B10075HXS00						MAY	CBD	CBD			MAY	CDA	CBD	CBD	CBD	MAY			CEA	CEA	MKN					MKN					
	B13050HXS00						MAT	CBF	CBF	CBF		MAT	CDB	CBF	CBF	CBF	MAT	CFS	CEB	CEB	CEB	MKK			CVS	CVS	MKK					MSA
	B13100HXS00						MAT	CBF				MAT	CDB	CBF	CBF		MAT	CFS	CEB	CEB	CEB	MKK			CVS	CVS	MKK					MSA
	B13150HXS00						MAT					MAT	CDH	CDH			MAT	CFA	CFA	CFA	CFA	MKK		CVA	CVA	CVA	MKK				CHA	MSA
	B18200HXS00																	CJB	CJB			MKT	CKB	CKB	CKB	CKB	MKT	CLB	CLB	CLB	CLB	MSF
	B18350HXS00																	CJB				MKT	CKB	CKB	CKB		MKT	CLB	CLB	CLB	CLB	MSF
	B18450RXS00																					MKT	CKB	CKB			MKT	CLB	CLB	CLB		MSF
	B13050BXS00						MAT	CBF	CBF	CBF		MAT	CDB	CBF	CBF	CBF	MAT	CFS	CEB	CEB	CEB	MKK			CVS	CVS	MKK					MSA
	B13100BXS00						MAT	CBF				MAT	CDB	CBF	CBF		MAT	CFS	CEB	CEB	CEB	MKK			CVS	CVS	MKK					MSA
	B13150BXS00						MAT					MAT	CDH	CDH			MAT	CFA	CFA	CFA	CFA	MKK			CVA	CVA	MKK				CHA	MSA
	B18200BXS00																	CJB	CJB			MKT	CKB	CKB	CKB	CKB	MKT	CLB	CLB	CLB	CLB	MSF
	B18350BXS00																	CJB				MKT	CKB	CKB	CKB	CKB	MKT	CLB	CLB	CLB	CLB	MSF
	B18450BXS00																					MKT	CKB	CKB			MKT	CLB	CLB	CLB	CLB	MSF
	B18550MXS00																						CMB					CNB	CNB			RST
P10 (Shaft:: High Rigidity Spec.)	B10030HXSA0	CDH	CDH				MBB	CDH	CDH	CDH	CDH	MBB	CDH	CDH	CDH	CDH	MBB	CFA	CFA	CFA	CFA	MKX		CVA	CVA	CVA	MKX					MTC
	B10075HXSA0						MBB	CDJ	CDJ			MBB	CDJ	CDJ	CDJ	CDJ	MBB		CEK	CEK	CEK	MKX					MKX					MTC
	B13050HXSA0						MAT	CDJ	CDJ	CDJ		MAT	CDJ	CDJ	CDJ	CDJ	MAT		CEK	CEK	CEK	MKK					MKK					MSA
	B13100HXSA0						MAT	CDJ				MAT	CDJ	CDJ	CDJ		MAT		CEK	CEK	CEK	MKK					MKK					MSA
	B13150HXSA0						MAT					MAT					MAT	CJA	CJA	CJA	CJA	MKK	CKA	CKA	CKA	CKA	MKK	CLA	CLA	CLA	CLA	MSA
	B18200HXSA0																															
	B18350HXSA0																															
	B18450RXSA0																															
	B13050BXSA0						MAT	CDJ	CDJ	CDJ		MAT	CDJ	CDJ	CDJ	CDJ	MAT		CEK	CEK	CEK	MKK					MKK					MSA
	B13100BXSA0						MAT	CDJ				MAT	CDJ	CDJ	CDJ		MAT		CEK	CEK	CEK	MKK					MKK					MSA
	B13150BXSA0						MAT					MAT					MAT	CJA	CJA	CJA	CJA	MKK	CKA	CKA	CKA	CKA	MKK	CLA	CLA	CLA	CLA	MSA
	B18200BXSA0																															
	B18350BXSA0																															
	B18450BXSA0																															
	B18550MXSA0																															

■ SANYO DENKI Motors and RD-C Series

Model Code		RD-010C						RD-027C					RD-050C					RD-100C					RD-200C					RD-320C				
Ratio Code		081	108	153	189	243	Motor Flange Code	100	142	184	233	Motor Flange Code	109	153	196	240	Motor Flange Code	101	150	210	258	Motor Flange Code	106	156	206	245	Motor Flange Code	115	157	207	253	Motor Flange Code
Motor Model		Coupling Code						Coupling Code					Coupling Code					Coupling Code					Coupling Code					Coupling Code				
P20	B10100DXS						MBB	CDH	CDH			MBB	CDH	CDH	CDH	CDH	MBB	CFA	CFA	CFA	CFA	MKX		CVA	CVA	CVA	MKX				CHA	MTC
	B10150DXS						MBB	CDH				MBB	CDH	CDH	CDH		MBB	CFA	CFA	CFA	CFA	MKX		CVA	CVA	CVA	MKX				CHA	MTC
	B10200DXS						MBB					MBB	CDH	CDH			MBB	CFA	CFA	CFA	CFA	MKX		CVA	CVA	CVA	MKX				CHA	MTC
	B10250DXS						MBB					MBB	CDH				MBB	CFA	CFA	CFA		MKX		CVA	CVA	CVA	MKX				CHA	MTC
	B13300DXS																	CFE	CFE	CFE		MKL	CKC	CVE	CVE	CVE	MKL		CLC	CHE	CHE	MSB
	B13400DXS																	CFE	CFE			MKZ	CKC	CVE	CVE	CVE	MKZ		CLC	CHE	CHE	MTD
	B13500DXS																	CFE				MKL	CKC	CVE	CVE	CVE	MKL		CLC	CHE	CHE	MSB
	B10100HXS						MBB	CDH	CDH			MBB	CDH	CDH	CDH	CDH	MBB	CFA	CFA	CFA	CFA	MKX		CVA	CVA	CVA	MKX				CHA	MTC
	B10150HXS						MBB					MBB	CDH	CDH			MBB	CFA	CFA	CFA	CFA	MKX		CVA	CVA	CVA	MKX				CHA	MTC
	B10200HXS						MBB					MBB	CDH	CDH			MBB	CFA	CFA	CFA	CFA	MKX		CVA	CVA	CVA	MKX				CHA	MTC
	B10250HXS																	CFA	CFA			MKX		CVA	CVA	CVA	MKX				CHA	MTC
	B13300HXS																	CFE	CFE			MKL	CKC	CVE	CVE	CVE	MKL		CLC	CHE	CHE	MSB
	B13400HXS																	CFE	CFE			MKZ	CKC	CVE	CVE	CVE	MKZ		CLC	CHE	CHE	MTD
	B13500HXS																	CFE				MKL	CKC	CVE	CVE		MKL		CLC	CHE	CHE	MSB
P30	B06040DXS00	CBB	CBB	CBB			MAF	CBB	CBB	CBB	CBB	MAF	CDS	CDS	CBB	CBB	MAF			CES	CES											
	B08075DXS00	CBD					MAM	CBD	CBD	CBD		MAM	CDA	CBD	CBD	CBD	MAM			CEA	CEA	MKC					MKC					
P50	B07030DXS00	CBB	CBB	CBB	CBB		MAR	CBB	CBB	CBB	CBB	MAR	CDS	CDS	CBB	CBB	MAR			CES	CES	MKE					MKE					
	B07040DXS00	CBB	CBB	CBB			MAR	CBB	CBB	CBB	CBB	MAR	CDS	CDS	CBB	CBB	MAR			CES	CES	MKE					MKE					
	B08050DXS00	CBD					MAQ	CBD	CBD	CBD	CBD	MAQ	CDA	CBD	CBD	CBD	MAQ			CEA	CEA	MKA					MKA					
	B08075DXS00						MAQ	CBD	CBD	CBD		MAQ	CDA	CBD	CBD	CBD	MAQ			CEA	CEA	MKA					MKA					
	B08100DXS00						MAQ	CBD				MAQ	CDA	CBD	CBD	CBD	MAQ			CEA	CEA	MKA					MKA					

■ SANYO DENKI Motors and RD-C Series

Model Code		RD-010C						RD-027C					RD-050C					RD-100C					RD-200C					RD-320C				
Ratio Code		081	108	153	189	243	Motor Flange Code	100	142	184	233	Motor Flange Code	109	153	196	240	Motor Flange Code	101	150	210	258	Motor Flange Code	106	156	206	245	Motor Flange Code	115	157	207	253	Motor Flange Code
Motor Model		Coupling Code						Coupling Code					Coupling Code					Coupling Code					Coupling Code					Coupling Code				
P60	B13050HXS	CDH					MAX	CDH	CDH	CDH	CDH	MAX	CDH	CDH	CDH	CDH	MAX	CFA	CFA	CFA	CFA	MKQ		CVA	CVA	CVA	MKQ				CHA	MSC
	B13100HXS						MAX	CDH				MAX	CDH	CDH	CDH		MAX	CFA	CFA	CFA	CFA	MKQ		CVA	CVA	CVA	MKQ				CHA	MSC
	B13150HXS						MAX					MAX	CDH	CDH			MAX	CFA	CFA	CFA	CFA	MKQ		CVA	CVA	CVA	MKQ				CHA	MSC
	B13200HXS						MAX					MAX					MAX	CFE	CFE			MKQ	CKC	CVE	CVE	CVE	MKQ		CLC	CHE	CHE	MSC
	B15300HXS																	CFE				MLE	CKC	CVE	CVE	CVE	MLE		CLC	CHE	CHE	MTE
	B18200HXS																	CJA	CJA			MLH	CKA	CKA	CKA	CKA	MLH	CLA	CLA	CLA	CLA	MSL
	B18350HXS																	CJA				MLH	CKA	CKA	CKA	CKA	MLH	CLA	CLA	CLA	CLA	MSL
	B18450RXS																					MLH	CKA	CKA			MLH	CLA	CLA	CLA	CLA	MSL
	B18550RXS																					MKT	CMB				MKT	CNB	CNB	CNB		MSF
	B18750RXS																					MKT					MKT	CNB	CNB			MSF
	B22550MXS																															
	B22700SXS																															
P80	B15075HXS							CDH	CDH					CDH	CDH	CDH		CFA	CFA	CFA	CFA	MKJ		CVA	CVA	CVA	MKJ				CHA	MSM
	B18120HXS																	CFE	CFE	CFE		MKJ	CKC	CVE	CVE	CVE	MKJ		CLC	CHE	CHE	MTF
	B22250HXS																	CJA	CJA				CKA	CKA	CKA	CKA		CLA	CLA	CLA	CLA	MSX
	B22350HXS																	CJA					CKA	CKA	CKA			CLA	CLA	CLA	CLA	MSX
	B22450RXS																						CKA	CKA				CLA	CLA	CLA	CLA	MSX

Note: **1.** Only the combinations that satisfy the following equation are colored.
(Rated torque of motor x 0.5) < {Rated torque of reduction gear / (Speed ratio x 0.8)} < (Rated torque of motor x 1.5)

2. The coupling is selected so that the following equation is satisfied.
(Allowable transmission torque of coupling) > {Momentary maximum allowable torque of reduction gear / (Speed ratio x 0.8)}

3. Limitation must be imposed to the motor torque in the following case.
(Momentary maximum torque of motor) > {Momentary maximum allowable torque of reduction gear / (Speed ratio x 0.8)}

4. The reduction gear should be selected so that the following equation is satisfied.
(Momentary maximum torque upon emergency stop) < {Momentary maximum allowable torque of reduction gear / (Speed ratio x0.8)}

5. Matching verification between the reduction gear and the motor in the above quick selection table, should be used as a reference, since they have been matched based only on the torque comparisons during operation of the reduction gear. For more precise motor selection, the effective torque, load inertia moment, brake torque, regenerative ability, and so forth, must also be considered.

Quick Selection Table of Product Code

■ SIEMENS Motors and RD-E Series

Model Code		RD-006E						RD-020E						RD-040E						RD-080E						RD-160E						RD-320E					
Ratio Code		031	043	054	079	103	Motor Flange Code	041	057	081	105	161	Motor Flange Code	041	057	081	105	153	Motor Flange Code	041	057	081	101	153	Motor Flange Code	066	081	101	145	171	Motor Flange Code	066	081	101	141	185	Motor Flange Code
Motor Model		Coupling Code						Coupling Code						Coupling Code						Coupling Code						Coupling Code						Coupling Code					
1FK7	1FK7 033-7AK71-1	CAC	CAC	CAC	CAC	CAC	MAD			CAC	CAC	CAC	MAD																								
	1FK7 040-5AK71-1	CAJ	CAJ	CAJ	CAJ	CAJ	MAK	CCC	CAJ	CAJ	CAJ	CAJ	MAK			CEC	CEC	CEC	MKA					CEC	MKA												
	1FK7 042-5AK71-1	CAJ	CAJ	CAJ			MAK	CCC	CAJ	CAJ	CAJ	CAJ	MAK			CEC	CEC	CEC	MKA					CEC	MKA												
	1FK7 043-7AK71-1	CAJ	CAJ	CAJ			MAK	CCC	CAJ	CAJ	CAJ	CAJ	MAK			CEC	CEC	CEC	MKA					CEC	MKA												
	1FK7 044-7AH71-1	CAJ	CAJ				MAK	CCC	CAJ	CAJ	CAJ		MAK			CEC	CEC	CEC	MKA					CEC	MKA												
	1FK7 061-7AH71-1						MAW	CCD	CCD	CCD			MAW	CFB	CED	CED	CED	CED	MKM		CVB	CFB	CED	CED	MKM				CVB	CVB							
	1FK7 060-5AH71-1						MAW	CCD	CCD	CCD			MAW	CFB	CED	CED	CED	CED	MKM		CVB	CFB	CED	CED	MKM				CVB	CVB							
	1FK7 080-5AH71-1													CFC	CFC	CFC	CFC	CFC	MKJ	CVC	CVC	CFC	CFC	CFC	MKJ	CKS	CVC	CVC	CVC	CVC	MSH				CKS	CVC	MSH
	1FK7 064-7AH71-1						MAW	CCD					MAW	CFB	CED	CED	CED		MKM		CVB	CFB	CED	CED	MKM				CVB	CVB							
	1FK7 063-5AH71-1						MAW	CCD					MAW	CFB	CED	CED	CED		MKM		CVB	CFB	CED	CED	MKM				CVB	CVB							
	1FK7 082-7AF71-1													CFC	CFC	CFC			MKJ	CVC	CVC	CFC	CFC	CFC	MKJ	CKS	CVC	CVC	CVC	CVC	MSH				CKS	CVC	MSH
	1FK7 083-5AH71-1													CFC	CFC				MKJ	CVC	CVC	CFC	CFC		MKJ	CKS	CVC	CVC	CVC	CVC	MSH				CKS	CVC	MSH
	1FK7 100-5AF71-1																		MKV	CMA	CMA				MKV	CMA	CMA	CMA	CMA	CMA	MSR	CWA	CWA	CMA	CMA	CMA	MSR
	1FK7 085-7AF71-1													CFC	CFC				MKJ	CVC	CVC	CFC	CFC		MKJ	CKS	CVC	CVC	CVC	CVC	MSH				CKS	CVC	MSH
	1FK7 101-5AF71-1																		MKV	CMA	CMA				MKV	CMA	CMA	CMA	CMA	CMA	MSR	CWA	CWA	CMA	CMA	CMA	MSR
	1FK7 103-5AF71-1																		MKV	CMA	CMA				MKV	CMA	CMA	CMA			MSR	CWA	CWA	CMA	CMA	CMA	MSR

Note: **1.** Only the combinations that satisfy the following equation are colored.
(Rated torque of motor x 0.5) < {Rated torque of reduction gear / (Speed ratio x 0.8)} < (Rated torque of motor x 1.5)

2. The coupling is selected so that the following equation is satisfied.
(Allowable transmission torque of coupling) > {Momentary maximum allowable torque of reduction gear / (Speed ratio x 0.8)}

3. Limitation must be imposed to the motor torque in the following case.
(Momentary maximum torque of motor) > {Momentary maximum allowable torque of reduction gear / (Speed ratio x 0.8)}

4. The reduction gear should be selected so that the following equation is satisfied.
(Momentary maximum torque upon emergency stop) < {Momentary maximum allowable torque of reduction gear / (Speed ratio x0.8)}

5. Matching verification between the reduction gear and the motor in the above quick selection table, should be used as a reference, since they have been matched based only on the torque comparisons during operation of the reduction gear. For more precise motor selection, the effective torque, load inertia moment, brake torque, regenerative ability, and so forth, must also be considered.

■ SIEMENS Motors and RD-E Series

Model Code		RD-006E						RD-020E						RD-040E						RD-080E						RD-160E						RD-320E					
Ratio Code		031	043	054	079	103	Motor Flange Code	041	057	081	105	161	Motor Flange Code	041	057	081	105	153	Motor Flange Code	041	057	081	101	153	Motor Flange Code	066	081	101	145	171	Motor Flange Code	066	081	101	141	185	Motor Flange Code
Motor Model		Coupling Code						Coupling Code						Coupling Code						Coupling Code						Coupling Code						Coupling Code					
1FK6	1FK6 032-8AK71-1S	CAC	CAC	CAC	CAC	CAC	MAD			CAC	CAC	CAC	MAD																								
	1FK6 040-6AK71-1	CAJ	CAJ	CAJ	CAJ	CAJ	MAK	CCC	CAJ	CAJ	CAJ	CAJ	MAK			CEC	CEC	CEC	MKA					CEC	MKA												
	1FK6 042-6AF71-1	CAJ	CAJ	CAJ			MAK	CCC	CAJ	CAJ	CAJ		MAK			CEC	CEC	CEC	MKA					CEC	MKA												
	1FK6 060-6AF71-1						MAW	CCD	CCD	CCD			MAW	CFB	CED	CED	CED	CED	MKM		CVB	CFB	CED	CED	MKM				CVB	CVB							
	1FK6 080-6AF71-1													CFC	CFC	CFC	CFC	CFC	MKJ	CVC	CVC	CFC	CFC	CFC	MKJ	CKS	CVC	CVC	CVC	CVC	MSH				CKS	CVC	MSH
	1FK6 063-6AF71-1						MAW	CCD					MAW	CFB	CED	CED	CED		MKM		CVB	CFB	CED	CED	MKM				CVB	CVB							
	1FK6 083-6AF71-1													CFC	CFC				MKJ	CVC	CVC	CFC	CFC		MKJ	CKS	CVC	CVC	CVC	CVC	MSH				CKS	CVC	MSH
	1FK6 100-8AF71-1																		MKV	CMA	CMA				MKV	CMA	CMA	CMA	CMA	CMA	MSR	CWA	CWA	CMA	CMA	CMA	MSR
	1FK6 101-8AF71-1																		MKV	CMA	CMA				MKV	CMA	CMA	CMA	CMA	CMA	MSR	CWA	CWA	CMA	CMA	CMA	MSR
	1FK6 103-8AF71-1																		MKV	CMA	CMA				MKV	CMA	CMA	CMA			MSR	CWA	CWA	CMA	CMA	CMA	MSR
1FT6	1FT6 021-6AK71-																																				
	1FT6 024-6AK71-																																				
	1FT6 031-4AK71-	CAC	CAC	CAC	CAC	CAC	MAD			CAC	CAC	CAC	MAD																								
	1FT6 034-4AK71-	CAC	CAC	CAC	CAC		MAD			CAC	CAC	CAC	MAD																								
	1FT6 041-4AK71-	CAJ	CAJ	CAJ			MAK	CCC	CAJ	CAJ	CAJ	CAJ	MAK			CEC	CEC	CEC	MKA					CEC	MKA												
	1FT6 061-6AK7□-	CCD	CCD				MAW	CCD	CCD	CCD	CCD		MAW	CFB	CED	CED	CED	CED	MKM		CVB	CFB	CED	CED	MKM				CVB	CVB							
	1FT6 044-4AK71-	CAJ					MAK	CCC	CAJ	CAJ			MAK			CEC	CEC	CEC	MKA					CEC	MKA												
	1FT6 062-6AK7□-						MAW	CCD	CCD	CCD			MAW	CFB	CED	CED	CED	CED	MKM		CVB	CFB	CED	CED	MKM				CVB	CVB							
	1FT6 081-8AK7□-													CFC	CFC	CFC	CFC	CFC	MKJ	CVC	CVC	CFC	CFC	CFC	MKJ	CKS	CVC	CVC	CVC	CVC	MSH				CKS	CVC	MSH
	1FT6 064-6AK7□-						MAW	CCD					MAW	CFB	CED	CED	CED		MKM		CVB	CFB	CED	CED	MKM				CVB	CVB							
	1FT6 082-8AK7□-													CFC	CFC	CFC			MKJ	CVC	CVC	CFC	CFC	CFC	MKJ	CKS	CVC	CVC	CVC	CVC	MSH				CKS	CVC	MSH
	1FT6 084-8AK7□-													CFC	CFC				MKJ	CVC	CVC	CFC	CFC		MKJ	CKS	CVC	CVC	CVC	CVC	MSH				CKS	CVC	MSH
	1FT6 086-8AH7□-													CFC					MKJ	CVC	CVC	CFC			MKJ	CKS	CVC	CVC	CVC	CVC	MSH				CKS	CVC	MSH
	1FT6 102-8AH7□-																		MKV	CMA	CMA				MKV	CMA	CMA	CMA	CMA	CMA	MSR	CWA	CWA	CMA	CMA	CMA	MSR
	1FT6 105-8AF7□-																		MKV	CMA					MKV	CMA	CMA				MSR	CWA	CWA	CMA	CMA	CMA	MSR
	1FT6 132-6AF71-																																				

■ SIEMENS Motors and RD-C Series

Model Code		RD-010C						RD-027C					RD-050C					RD-100C					RD-200C					RD-320C				
Ratio Code		081	108	153	189	243	Motor Flange Code	100	142	184	233	Motor Flange Code	109	153	196	240	Motor Flange Code	101	150	210	258	Motor Flange Code	106	156	206	245	Motor Flange Code	115	157	207	253	Motor Flange Code
Motor Model		Coupling Code						Coupling Code					Coupling Code					Coupling Code					Coupling Code					Coupling Code				
1FK7	1FK7 033-7AK71-1	CBC	CBC	CBC	CBC	CBC	MAD	CBC	CBC	CBC	CBC	MAD			CBC	CBC	MAD															
	1FK7 040-5AK71-1	CBJ	CBJ	CBJ			MAK	CBJ	CBJ	CBJ	CBJ	MAK	CDC	CBJ	CBJ	CBJ	MAK		CEC	CEC	CEC	MKA					MKA					
	1FK7 042-5AK71-1	CBJ					MAK	CBJ	CBJ	CBJ	CBJ	MAK	CDC	CBJ	CBJ	CBJ	MAK		CEC	CEC	CEC	MKA					MKA					
	1FK7 043-7AK71-1	CBJ					MAK	CBJ	CBJ	CBJ	CBJ	MAK	CDC	CBJ	CBJ	CBJ	MAK		CEC	CEC	CEC	MKA					MKA					
	1FK7 044-7AH71-1	CBJ					MAK	CBJ	CBJ	CBJ		MAK	CDC	CBJ	CBJ	CBJ	MAK		CEC	CEC	CEC	MKA					MKA					
	1FK7 061-7AH71-1						MAW	CDD				MAW	CDD	CDD	CDD	CDD	MAW	CFB	CED	CED	CED	MKM		CVB	CVB	CVB	MKM				CHB	
	1FK7 060-5AH71-1						MAW	CDD				MAW	CDD	CDD	CDD	CDD	MAW	CFB	CED	CED	CED	MKM		CVB	CVB	CVB	MKM				CHB	
	1FK7 080-5AH71-1																	CFC	CFC	CFC	CFC	MKJ	CVC	CVC	CVC	CVC	MKJ	CLS	CLS	CHC	CHC	MSH
	1FK7 064-7AH71-1						MAW					MAW	CDD				MAW	CFB	CED	CED	CED	MKM		CVB	CVB	CVB	MKM				CHB	
	1FK7 063-5AH71-1						MAW					MAW	CDD				MAW	CFB	CED	CED	CED	MKM		CVB	CVB	CVB	MKM				CHB	
	1FK7 082-7AF71-1																	CFC	CFC	CFC		MKJ	CVC	CVC	CVC	CVC	MKJ	CLS	CLS	CHC	CHC	MSH
	1FK7 083-5AH71-1																	CFC	CFC			MKJ	CVC	CVC	CVC	CVC	MKJ	CLS	CLS	CHC	CHC	MSH
	1FK7 100-5AF71-1																					MKV	CMA	CMA	CMA	CMA	MKV	CNA	CNA	CNA	CNA	MSR
	1FK7 085-7AF71-1																	CFC				MKJ	CVC	CVC	CVC	CVC	MKJ	CLS	CLS	CHC	CHC	MSH
	1FK7 101-5AF71-1																					MKV	CMA	CMA	CMA		MKV	CNA	CNA	CNA	CNA	MSR
	1FK7 103-5AF71-1																					MKV	CMA	CMA			MKV	CNA	CNA	CNA	CNA	MSR

Note: **1.** Only the combinations that satisfy the following equation are colored.
(Rated torque of motor x 0.5) < {Rated torque of reduction gear / (Speed ratio x 0.8)} < (Rated torque of motor x 1.5)

2. The coupling is selected so that the following equation is satisfied.
(Allowable transmission torque of coupling) > {Momentary maximum allowable torque of reduction gear / (Speed ratio x 0.8)}

3. Limitation must be imposed to the motor torque in the following case.
(Momentary maximum torque of motor) > {Momentary maximum allowable torque of reduction gear / (Speed ratio x 0.8)}

4. The reduction gear should be selected so that the following equation is satisfied.
(Momentary maximum torque upon emergency stop) < {Momentary maximum allowable torque of reduction gear / (Speed ratio x0.8)}

5. Matching verification between the reduction gear and the motor in the above quick selection table, should be used as a reference, since they have been matched based only on the torque comparisons during operation of the reduction gear. For more precise motor selection, the effective torque, load inertia moment, brake torque, regenerative ability, and so forth, must also be considered.

■ SIEMENS Motors and RD-C Series

Model Code		RD-010C						RD-027C						RD-050C						RD-100C						RD-200C						RD-320C					
Ratio Code		081	108	153	189	243	Motor Flange Code	100	142	184	233	Motor Flange Code		109	153	196	240	Motor Flange Code		101	150	210	258	Motor Flange Code		106	156	206	245	Motor Flange Code		115	157	207	253	Motor Flange Code	
Motor Model		Coupling Code						Coupling Code						Coupling Code						Coupling Code						Coupling Code						Coupling Code					
1FK 6	1FK6 032-8AK71-1S	CBC	CBC	CBC	CBC	CBC	MAD	CBC	CBC	CBC	CBC	MAD				CBC	CBC	MAD																			
	1FK6 040-6AK71-1	CBJ	CBJ	CBJ			MAK	CBJ	CBJ	CBJ	CBJ	MAK		CDC	CBJ	CBJ	CBJ	MAK			CEC	CEC	CEC	MKA						MKA							
	1FK6 042-6AF71-1	CBJ					MAK	CBJ	CBJ	CBJ	CBJ	MAK		CDC	CBJ	CBJ	CBJ	MAK			CEC	CEC	CEC	MKA						MKA							
	1FK6 060-6AF71-1						MAW	CDD				MAW		CDD	CDD	CDD	CDD	MAW		CFB	CED	CED	CED	MKM			CVB	CVB	CVB	MKM					CHB		
	1FK6 080-6AF71-1																			CFC	CFC	CFC	CFC	MKJ		CVC	CVC	CVC	CVC	MKJ		CLS	CLS	CHC	CHC	MSH	
	1FK6 063-6AF71-1						MAW					MAW		CDD				MAW		CFB	CED	CED	CED	MKM			CVB	CVB	CVB	MKM					CHB		
	1FK6 083-6AF71-1																			CFC	CFC			MKJ		CVC	CVC	CVC	CVC	MKJ		CLS	CLS	CHC	CHC	MSH	
	1FK6 100-8AF71-1																							MKV		CMA	CMA	CMA	CMA	MKV		CNA	CNA	CNA	CNA	MSR	
	1FK6 101-8AF71-1																							MKV		CMA	CMA	CMA		MKV		CNA	CNA	CNA	CNA	MSR	
	1FK6 103-8AF71-1																							MKV		CMA	CMA			MKV		CNA	CNA	CNA	CNA	MSR	
1FT 6	1FT6 021-6AK71-																																				
	1FT6 024-6AK71-																																				
	1FT6 031-4AK71-	CBC	CBC	CBC	CBC	CBC	MAD	CBC	CBC	CBC	CBC	MAD				CBC	CBC	MAD																			
	1FT6 034-4AK71-	CBC	CBC				MAD	CBC	CBC	CBC	CBC	MAD				CBC	CBC	MAD																			
	1FT6 041-4AK71-	CBJ	CBJ				MAK	CBJ	CBJ	CBJ	CBJ	MAK		CDC	CBJ	CBJ	CBJ	MAK			CEC	CEC	CEC	MKA						MKA							
	1FT6 061-6AK7□-						MAW	CDD	CDD	CDD		MAW		CDD	CDD	CDD	CDD	MAW		CFB	CED	CED	CED	MKM			CVB	CVB	CVB	MKM					CHB		
	1FT6 044-4AK71-						MAK	CBJ	CBJ			MAK		CDC	CBJ	CBJ	CBJ	MAK			CEC	CEC	CEC	MKA						MKA							
	1FT6 062-6AK7□-						MAW	CDD				MAW		CDD	CDD	CDD	CDD	MAW		CFB	CED	CED	CED	MKM			CVB	CVB	CVB	MKM					CHB		
	1FT6 081-8AK7□-																			CFC	CFC	CFC	CFC	MKJ		CVC	CVC	CVC	CVC	MKJ		CLS	CLS	CHC	CHC	MSH	
	1FT6 064-6AK7□-						MAW					MAW		CDD	CDD			MAW		CFB	CED	CED	CED	MKM			CVB	CVB	CVB	MKM					CHB		
	1FT6 082-8AK7□-																			CFC	CFC	CFC		MKJ		CVC	CVC	CVC	CVC	MKJ		CLS	CLS	CHC	CHC	MSH	
	1FT6 084-8AK7□-																			CFC	CFC			MKJ		CVC	CVC	CVC	CVC	MKJ		CLS	CLS	CHC	CHC	MSH	
	1FT6 086-8AH7□-																			CFC				MKJ		CVC	CVC	CVC		MKJ		CLS	CLS	CHC	CHC	MSH	
	1FT6 102-8AH7□-																							MKV		CMA	CMA	CMA		MKV		CNA	CNA	CNA	CNA	MSR	
	1FT6 105-8AF7□-																							MKV		CMA				MKV		CNA	CNA			MSR	
	1FT6 132-6AF71-																																				

Quick Selection Table of Product Code

■ YASKAWA Motors and RD-E Series

Model Code		RD-006E						RD-020E						RD-040E						RD-080E						RD-160E						RD-320E					
Ratio Code		031	043	054	079	103	Motor Flange Code	041	057	081	105	161	Motor Flange Code	041	057	081	105	153	Motor Flange Code	041	057	081	101	153	Motor Flange Code	066	081	101	145	171	Motor Flange Code	066	081	101	141	185	Motor Flange Code
Motor Model		Coupling Code						Coupling Code						Coupling Code						Coupling Code						Coupling Code						Coupling Code					
AH	SGMAH-01A		CAS	CAS	CAS	CAS	MAA				CAS	CAS	MAA																								
	SGMAH-02A	CAB	CAB	CAB	CAB	CAB	MAF			CAB	CAB	CAB	MAF				CES	CES																			
	SGMAH-04A	CAB	CAB	CAB	CAB		MAF			CAB	CAB	CAB	MAF				CES	CES																			
	SGMAH-08A	CAD	CAD				MAM			CAD	CAD		MAM			CEA	CEA	CEA	MKC						MKC												
AS	SGMAS-A5A						MAA						MAA																								
	SGMAS-01A		CAS	CAS	CAS	CAS	MAA				CAS	CAS	MAA																								
	SGMAS-C2A		CAS	CAS	CAS	CAS	MAA				CAS	CAS	MAA																								
	SGMAS-02A	CAB	CAB	CAB	CAB	CAB	MAF			CAB	CAB	CAB	MAF				CES	CES																			
	SGMAS-04A	CAB	CAB	CAB	CAB		MAF			CAB	CAB	CAB	MAF				CES	CES																			
	SGMAS-06A	CAB	CAB	CAB			MAF			CAB	CAB	CAB	MAF				CES	CES																			
	SGMAS-08A	CAD	CAD				MAM			CAD	CAD		MAM			CEA	CEA	CEA	MKC						MKC												
DH	SGMDH-22A													CFE	CFE					CKC	CVE	CFE	CFE				CKC	CVE	CVE	CVE	MSW				CKC	CVE	MSW
	SGMDH-32A													CFE						CKC	CVE	CFE	CFE				CKC	CVE	CVE	CVE	MSW				CKC	CVE	MSW
	SGMDH-40A																			CVH	CVH						CKE	CVH	CVH		MSX				CKE	CVH	MSX
GH1.0	SGMGH-03A	CAF	CAF				MAT	CCB	CAF	CAF	CAF		MAT	CFS	CFS	CEB	CEB	CEB	MKK			CFS	CFS	CEB	MKK				CVS	CVS	MSA						MSA
	SGMGH-06A						MAT	CCB	CAF				MAT	CFS	CFS	CEB	CEB	CEB	MKK			CFS	CFS	CEB	MKK				CVS	CVS	MSA						MSA
	SGMGH-09A						MAT	CCL					MAT	CFA	CFA	CFA	CFA		MKK		CVA	CFA	CFA	CFA	MKK				CVA	CVA	MSA						MSA
	SGMGH-12A													CJB	CJB	CJB			MKT	CKB	CKB	CJB	CJB	CJB	MKT	CKB	CKB	CKB	CKB	CKB	MSF	CWS	CWS	CKB	CKB	CKB	MSF RSF
	SGMGH-20A													CJB					MKT	CKB	CKB	CJB	CJB		MKT	CKB	CKB	CKB	CKB	CKB	MSF	CWS	CWS	CKB	CKB	CKB	MSF RSF
	SGMGH-30A																		MKT	CKB	CKB				MKT	CKB	CKB	CKB			MSF	CWS	CWS	CKB	CKB	CKB	MSF RSF
	SGMGH-40A																			CMB						CMB	CMB				RST	CWB	CNB	CMB	CMB		RST
	SGMGH-55A																									CMB					RST	CWB	CNB	CMB	CMB		RST
GH1.5	SGMGH-05A	CAF					MAT	CCB	CAF	CAF	CAF		MAT	CFS	CFS	CEB	CEB	CEB	MKK			CFS	CFS	CEB	MKK				CVS	CVS	MSA						MSA
	SGMGH-09A						MAT	CCB	CAF				MAT	CFS	CFS	CEB	CEB	CEB	MKK			CFS	CFS	CEB	MKK				CVS	CVS	MSA						MSA
	SGMGH-13A						MAT	CCL					MAT	CFA	CFA	CFA	CFA		MKK		CVA	CFA	CFA	CFA	MKK				CVA	CVA	MSA						MSA
	SGMGH-20A													CJB	CJB	CJB			MKT	CKB	CKB	CJB	CJB	CJB	MKT	CKB	CKB	CKB	CKB	CKB	MSF	CWS	CWS	CKB	CKB	CKB	MSF RSF
	SGMGH-30A													CJB					MKT	CKB	CKB	CJB	CJB		MKT	CKB	CKB	CKB	CKB	CKB	MSF	CWS	CWS	CKB	CKB	CKB	MSF RSF
	SGMGH-44A																		MKT	CKB	CKB				MKT	CKB	CKB	CKB			MSF	CWS	CWS	CKB	CKB	CKB	MSF RSF
	SGMGH-55A																			CMB						CMB	CMB	CMB			RST	CWB	CNB	CMB	CMB	CMB	RST
	SGMGH-75A																									CMB	CMB				RST	CWB	CNB	CMB	CMB		RST

■ YASKAWA Motors and RD-E Series

Model Code		RD-006E						RD-020E						RD-040E						RD-080E						RD-160E						RD-320E					
Ratio Code		031	043	054	079	103	Motor Flange Code	041	057	081	105	161	Motor Flange Code	041	057	081	105	153	Motor Flange Code	041	057	081	101	153	Motor Flange Code	066	081	101	145	171	Motor Flange Code	066	081	101	141	185	Motor Flange Code
Motor Model		Coupling Code						Coupling Code						Coupling Code						Coupling Code						Coupling Code						Coupling Code					
PH	SGMPH-01A		CAS	CAS	CAS	CAS	MAF				CAS	CAS	MAF																								
	SGMPH-02A	CAB	CAB	CAB	CAB	CAB	MAZ	CCS	CCS	CAB	CAB	CAB	MAZ				CES	CES						CES													
	SGMPH-04A	CAB	CAB	CAB	CAB		MAZ	CCS	CCS	CAB	CAB	CAB	MAZ				CES	CES						CES													
	SGMPH-08A	CAD	CAD				MBD	CCA	CAD	CAD	CAD		MBD			CEA	CEA	CEA	MKZ					CEA	MKZ												
	SGMPH-15A						MBD	CCB	CAF	CAF	CAF		MBD	CFS	CFS	CEB	CEB	CEB	MKZ			CFS	CFS	CEB	MKZ				CVS	CVS	MTD						MTD
PS	SGMPS-01A		CAS	CAS	CAS	CAS	MAF				CAS	CAS	MAF																								
	SGMPS-02A	CAB	CAB	CAB	CAB	CAB	MAZ	CCS	CCS	CAB	CAB	CAB	MAZ				CES	CES						CES													
	SGMPS-04A	CAB	CAB	CAB	CAB		MAZ	CCS	CCS	CAB	CAB	CAB	MAZ				CES	CES						CES													
	SGMPS-08A	CAD	CAD				MBD	CCA	CAD	CAD	CAD		MBD			CEA	CEA	CEA	MKZ					CEA	MKZ												
SS	SGMSS-10A	CCE					MBA	CCE	CCE	CCE	CCE		MBA	CFD	CEE	CEE	CEE	CEE	MKY		CVD	CFD	CEE	CEE	MKY			CKD	CVD	CVD						CKD	
SH	SGMSH-10A	CCE					MBA	CCE	CCE	CCE	CCE		MBA	CFD	CEE	CEE	CEE	CEE	MKY		CVD	CFD	CEE	CEE	MKY			CKD	CVD	CVD						CKD	
	SGMSH-15A						MBA	CCE	CCE				MBA	CFD	CEE	CEE	CEE	CEE	MKY		CVD	CFD	CEE	CEE	MKY			CKD	CVD	CVD						CKD	
	SGMSH-20A						MBA	CCE					MBA	CFD	CEE	CEE	CEE		MKY		CVD	CFD	CEE	CEE	MKY			CKD	CVD	CVD						CKD	
	SGMSH-30A													CFE	CFE	CFE			MKS		CVE	CFE	CFE	CFE	MKS			CVE	CVE	CVE	MSE					CVE	MSE
	SGMSH-40A													CFE	CFE				MKS		CVE	CFE	CFE		MKS			CVE	CVE	CVE	MSE					CVE	MSE
	SGMSH-50A													CFE					MKS		CVE	CFE	CFE		MKS			CVE	CVE	CVE	MSE					CVE	MSE

Note: **1.** Only the combinations that satisfy the following equation are colored.
(Rated torque of motor x 0.5) < {Rated torque of reduction gear / (Speed ratio x 0.8)} < (Rated torque of motor x 1.5)

2. The coupling is selected so that the following equation is satisfied.
(Allowable transmission torque of coupling) > {Momentary maximum allowable torque of reduction gear / (Speed ratio x 0.8)}

3. Limitation must be imposed to the motor torque in the following case.
(Momentary maximum torque of motor) > {Momentary maximum allowable torque of reduction gear / (Speed ratio x 0.8)}

4. The reduction gear should be selected so that the following equation is satisfied.
(Momentary maximum torque upon emergency stop) < {Momentary maximum allowable torque of reduction gear / (Speed ratio x0.8)}

5. Matching verification between the reduction gear and the motor in the above quick selection table, should be used as a reference, since they have been matched based only on the torque comparisons during operation of the reduction gear. For more precise motor selection, the effective torque, load inertia moment, brake torque, regenerative ability, and so forth, must also be considered.

■ YASKAWA Motors and RD-E Series

Model Code		RD-006E						RD-020E						RD-040E						RD-080E						RD-160E						RD-320E					
Ratio Code		031	043	054	079	103	Motor Flange Code	041	057	081	105	161	Motor Flange Code	041	057	081	105	153	Motor Flange Code	041	057	081	101	153	Motor Flange Code	066	081	101	145	171	Motor Flange Code	066	081	101	141	185	Motor Flange Code
Motor Model		Coupling Code						Coupling Code						Coupling Code						Coupling Code						Coupling Code						Coupling Code					
For robots	SGMPH-01A1A-YR11																																				
	SGMPH-02A1A-YR21																																				
	SGMPH-08A1A-YR11	CAL	CAL				MAX	CCK	CAK	CAL	CAL		MAX			CEJ	CEJ	CEJ	MKQ						MKQ						MSC						MSC
	SGMDH-06A2A-YR12	CAB						CCS	CCS	CAB	CAB						CES	CES	MLD						MLD												
	SGMPH-15A1A-YR11						MAX	CCK	CAL				MAX			CEJ	CEJ	CEJ	MKQ					CEJ	MKQ						MSC						MSC
	SGMDH-12A2A-YR12							CCK	CAL							CEJ	CEJ	CEJ	MLQ					CEJ	MLQ												
	SGMDH-22A2A-YR11													CFD	CEE					CKD	CVD	CFD	CEE				CKD	CKD	CVD	CVD	MSV				CKD	CKD	MSV
	SGMDH-32A2A-YR11													CFE						CKC	CVE	CFE	CFE			CKC	CKC	CVE	CVE	CVE	MSV				CKC	CVE	MSV
	SGMDH-45A2B-YR12																			CKC						CKC	CKC				MSX				CKC	CVE	MSX
For robots	SGMAS-01A2A-YR11																																				
	SGMPH-01A2A-YR12																																				
	SGMPH-02A2A-YR12																																				
	SGMRS-06A2B-YR11	CAB						CCS	CCS	CAB	CAB						CES	CES	MLD						MLD												
	SGMRS-12A2B-YR11							CCK	CAL							CEJ	CEJ	CEJ	MLQ					CEJ	MLQ												
	SGMRS-13A2A-YR11													CFA	CFA	CFA			MKL			CFA	CFA	CFA	MKL				CVA	CVA	MSB						MSB
	SGMRS-30A2A-YR11																		MLH	CKC	CVE				MLH	CKC	CKC	CVE	CVE		MTJ				CKC	CVE	MTJ
	SGMRS-37A2A-YR11																		MLH	CKC	CVE				MLH	CKC	CKC	CVE			MTJ				CKC	CVE	MTJ

Note: **1.** Only the combinations that satisfy the following equation are colored.
(Rated torque of motor x 0.5) < {Rated torque of reduction gear / (Speed ratio x 0.8)} < (Rated torque of motor x 1.5)

2. The coupling is selected so that the following equation is satisfied.
(Allowable transmission torque of coupling) > {Momentary maximum allowable torque of reduction gear / (Speed ratio x 0.8)}

3. Limitation must be imposed to the motor torque in the following case.
(Momentary maximum torque of motor) > {Momentary maximum allowable torque of reduction gear / (Speed ratio x 0.8)}

4. The reduction gear should be selected so that the following equation is satisfied.
(Momentary maximum torque upon emergency stop) < {Momentary maximum allowable torque of reduction gear / (Speed ratio x0.8)}

5. Matching verification between the reduction gear and the motor in the above quick selection table, should be used as a reference, since they have been matched based only on the torque comparisons during operation of the reduction gear. For more precise motor selection, the effective torque, load inertia moment, brake torque, regenerative ability, and so forth, must also be considered.

■ YASKAWA Motors and RD-C Series

Model Code		RD-010C						RD-027C					RD-050C					RD-100C					RD-200C					RD-320C				
Ratio Code		081	108	153	189	243	Motor Flange Code	100	142	184	233	Motor Flange Code	109	153	196	240	Motor Flange Code	101	150	210	258	Motor Flange Code	106	156	206	245	Motor Flange Code	115	157	207	253	Motor Flange Code
Motor Model		Coupling Code						Coupling Code					Coupling Code					Coupling Code					Coupling Code					Coupling Code				
AH	SGMAH-01A	CBS	CBS	CBS	CBS	CBS	MAA			CBS	CBS	MAA					MAA															
	SGMAH-02A	CBB	CBB	CBB	CBB	CBB	MAF	CBB	CBB	CBB	CBB	MAF			CBB	CBB	MAF			CES	CES											
	SGMAH-04A	CBB	CBB	CBB			MAF	CBB	CBB	CBB	CBB	MAF			CBB	CBB	MAF			CES	CES											
	SGMAH-08A	CBD					MAM	CBD	CBD	CBD		MAM	CDA	CBD	CBD	CBD	MAM			CEA	CEA	MKC					MKC					
AS	SGMAS-A5A						MAA					MAA					MAA															
	SGMAS-01A	CBS	CBS	CBS	CBS	CBS	MAA			CBS	CBS	MAA					MAA															
	SGMAS-C2A	CBS	CBS	CBS	CBS	CBS	MAA			CBS	CBS	MAA				CBS	MAA															
	SGMAS-02A	CBB	CBB	CBB	CBB	CBB	MAF	CBB	CBB	CBB	CBB	MAF			CBB	CBB	MAF			CES	CES											
	SGMAS-04A	CBB	CBB	CBB			MAF	CBB	CBB	CBB	CBB	MAF			CBB	CBB	MAF			CES	CES											
	SGMAS-06A	CBB					MAF	CBB	CBB	CBB	CBB	MAF	CDS	CDS	CBB	CBB	MAF			CES	CES											
	SGMAS-08A	CBD					MAM	CBD	CBD	CBD		MAM	CDA	CBD	CBD	CBD	MAM			CEA	CEA	MKC					MKC					
DH	SGMDH-22A																	CFE	CFE				CKC	CVE	CVE	CVE			CLC	CHE	CHE	MSW
	SGMDH-32A																	CFE					CKC	CVE	CVE				CLC	CHE	CHE	MSW
	SGMDH-40A																						CVH	CVH					CLE	CHF	CHF	MSX
GH1.0	SGMGH-03A	CBF					MAT	CBF	CBF	CBF		MAT	CDB	CBF	CBF	CBF	MAT	CFS	CEB	CEB	CEB	MKK			CVS	CVS	MKK					MSA
	SGMGH-06A						MAT	CBF				MAT	CDB	CBF	CBF		MAT	CFS	CEB	CEB	CEB	MKK			CVS	CVS	MKK					MSA
	SGMGH-09A						MAT					MAT	CDH				MAT	CFA	CFA	CFA	CFA	MKK		CVA	CVA	CVA	MKK				CHA	MSA
	SGMGH-12A																	CJB	CJB	CJB		MKT	CKB	CKB	CKB	CKB	MKT	CLB	CLB	CLB	CLB	MSF
	SGMGH-20A																	CJB				MKT	CKB	CKB	CKB	CKB	MKT	CLB	CLB	CLB	CLB	MSF
	SGMGH-30A																					MKT	CKB	CKB			MKT	CLB	CLB	CLB	CLB	MSF
	SGMGH-40A																						CMB					CNB	CNB			RST
	SGMGH-55A																											CNB				RST
GH1.5	SGMGH-05A						MAT	CBF	CBF	CBF		MAT	CDB	CBF	CBF	CBF	MAT	CFS	CEB	CEB	CEB	MKK			CVS	CVS	MKK					MSA
	SGMGH-09A						MAT	CBF				MAT	CDB	CBF	CBF		MAT	CFS	CEB	CEB	CEB	MKK			CVS	CVS	MKK					MSA
	SGMGH-13A						MAT					MAT	CDH				MAT	CFA	CFA	CFA	CFA	MKK		CVA	CVA	CVA	MKK				CHA	MSA
	SGMGH-20A																	CJB	CJB	CJB		MKT	CKB	CKB	CKB	CKB	MKT	CLB	CLB	CLB	CLB	MSF
	SGMGH-30A																	CJB				MKT	CKB	CKB	CKB	CKB	MKT	CLB	CLB	CLB	CLB	MSF
	SGMGH-44A																					MKT	CKB	CKB			MKT	CLB	CLB	CLB	CLB	MSF
	SGMGH-55A																						CMB					CNB	CNB	CNB		RST
	SGMGH-75A																											CNB	CNB			RST

■ YASKAWA Motors and RD-C Series

Model Code		RD-010C						RD-027C					RD-050C					RD-100C					RD-200C					RD-320C				
Ratio Code		081	108	153	189	243	Motor Flange Code	100	142	184	233	Motor Flange Code	109	153	196	240	Motor Flange Code	101	150	210	258	Motor Flange Code	106	156	206	245	Motor Flange Code	115	157	207	253	Motor Flange Code
Motor Model		Coupling Code						Coupling Code					Coupling Code					Coupling Code					Coupling Code					Coupling Code				
PH	SGMPH-01A	CBS	CBS	CBS	CBS	CBS	MAF			CBS	CBS	MAF					MAF															
	SGMPH-02A	CBB	CBB	CBB	CBB	CBB	MAZ	CBB	CBB	CBB	CBB	MAZ	CDS	CDS	CBB	CBB	MAZ			CES	CES											
	SGMPH-04A	CBB	CBB	CBB			MAZ	CBB	CBB	CBB	CBB	MAZ	CDS	CDS	CBB	CBB	MAZ			CES	CES											
	SGMPH-08A	CBD					MBD	CBD	CBD	CBD		MBD	CDA	CBD	CBD	CBD	MBD			CEA	CEA	MKZ					MKZ					
	SGMPH-15A						MBD	CBF				MBD	CDB	CBF	CBF		MBD			CEB	CEB	MKZ					MKZ					
PS	SGMPS-01A	CBS	CBS	CBS	CBS	CBS	MAF			CBS	CBS	MAF					MAF															
	SGMPS-02A	CBB	CBB	CBB	CBB	CBB	MAZ	CBB	CBB	CBB	CBB	MAZ	CDS	CDS	CBB	CBB	MAZ			CES	CES											
	SGMPS-04A	CBB	CBB	CBB			MAZ	CBB	CBB	CBB	CBB	MAZ	CDS	CDS	CBB	CBB	MAZ			CES	CES											
	SGMPS-08A	CBD					MBD	CBD	CBD	CBD		MBD	CDA	CBD	CBD	CBD	MBD			CEA	CEA	MKZ					MKZ					
SS	SGMSS-10A						MBA	CDE	CDE			MBA	CDE	CDE	CDE	CDE	MBA	CFD	CEE	CEE	CEE	MKY	CKD	CVD	CVD	CVD	MKY			CLD	CHD	
SH	SGMSH-10A						MBA	CDE	CDE			MBA	CDE	CDE	CDE	CDE	MBA	CFD	CEE	CEE	CEE	MKY	CKD	CVD	CVD	CVD	MKY			CLD	CHD	
	SGMSH-15A						MBA	CDE				MBA	CDE	CDE	CDE		MBA	CFD	CEE	CEE	CEE	MKY	CKD	CVD	CVD	CVD	MKY			CLD	CHD	
	SGMSH-20A						MBA					MBA	CDE	CDE			MBA	CFD	CEE	CEE	CEE	MKY	CKD	CVD	CVD	CVD	MKY			CLD	CHD	
	SGMSH-30A																	CFE	CFE			MKS	CKC	CVE	CVE	CVE	MKS			CHE	CHE	MSE
	SGMSH-40A																	CFE	CFE			MKS	CKC	CVE	CVE	CVE	MKS			CHE	CHE	MSE
	SGMSH-50A																	CFE				MKS	CKC	CVE	CVE	CVE	MKS			CHE	CHE	MSE

■ YASKAWA Motors and RD-C Series

Model Code		RD-010C						RD-027C					RD-050C					RD-100C					RD-200C					RD-320C				
Ratio Code		081	108	153	189	243	Motor Flange Code	100	142	184	233	Motor Flange Code	109	153	196	240	Motor Flange Code	101	150	210	258	Motor Flange Code	106	156	206	245	Motor Flange Code	115	157	207	253	Motor Flange Code
Motor Model		Coupling Code						Coupling Code					Coupling Code					Coupling Code					Coupling Code					Coupling Code				
For robots	SGMPH-01A1A-YR11																														
	SGMPH-02A1A-YR21																														
	SGMPH-08A1A-YR11	CBL					MAX	CBL	CBL	CBL		MAX		CBL	CBL	CBL	MAX					MKQ					MKQ				MSC
	SGMDH-06A2A-YR12							CBB	CBB				CDS	CDS	CBB	CBB				CES	CES	MLD					MLD				
	SGMPH-15A1A-YR11						MAX	CBL				MAX		CBL	CBL		MAX			CEJ	CEJ	MKQ					MKQ				MSC
	SGMDH-12A2A-YR12							CBL						CBL	CBL					CEJ	CEJ	MLQ					MLQ				
	SGMDH-22A2A-YR11																	CFD	CEE				CKD	CVD	CVD	CVD			CLD	CLD	CHD	MSV
	SGMDH-32A2A-YR11																	CFE					CKC	CVE	CVE				CLC	CHE	CHE	MSV
	SGMDH-45A2B-YR12																						CKC						CLC			MSX
For robots	SGMAS-01A2A-YR11																														
	SGMPH-01A2A-YR12																														
	SGMPH-02A2A-YR12																														
	SGMRS-06A2B-YR11							CBB	CBB				CDS	CDS	CBB	CBB				CES	CES	MLD					MLD				
	SGMRS-12A2B-YR11							CBL						CBL	CBL					CEJ	CEJ	MLQ					MLQ				MSC
	SGMRS-13A2A-YR11						MAV					MAV	CDH				MAV	CFA	CFA			MKL		CVA	CVA	CVA	MKL				
	SGMRS-30A2A-YR11																					MLH	CKC	CVE			MLH		CLC	CHE	CHE	MTJ
	SGMRS-37A2A-YR11																					MLH	CKC				MLH		CLC	CHE		MTJ

Note: **1.** Only the combinations that satisfy the following equation are colored.
(Rated torque of motor x 0.5) < {Rated torque of reduction gear / (Speed ratio x 0.8)} < (Rated torque of motor x 1.5)

2. The coupling is selected so that the following equation is satisfied.
(Allowable transmission torque of coupling) > {Momentary maximum allowable torque of reduction gear / (Speed ratio x 0.8)}

3. Limitation must be imposed to the motor torque in the following case.
(Momentary maximum torque of motor) > {Momentary maximum allowable torque of reduction gear / (Speed ratio x 0.8)}

4. The reduction gear should be selected so that the following equation is satisfied.
(Momentary maximum torque upon emergency stop) < {Momentary maximum allowable torque of reduction gear / (Speed ratio x0.8)}

5. Matching verification between the reduction gear and the motor in the above quick selection table, should be used as a reference, since they have been matched based only on the torque comparisons during operation of the reduction gear. For more precise motor selection, the effective torque, load inertia moment, brake torque, regenerative ability, and so forth, must also be considered.

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