



More Than Just a Motor Company



EPACT SUPPLEMENT

Effective December 6, 2010

EISA is an acronym for Energy Independence & Securities Act. On December 19, 2010, motor manufacturers may not build motors that have a lower nameplate efficiency than the rules allow.

ABOUT THIS CATALOG

The Motors listed in the EPACT Supplement Catalog are motors that have been affected by the EISA Legislation.

Motors that are considered “Finished Goods” or are shipped from the factory before December 19, 2010 can be sold after December 19, 2010 because they were built before the deadline.

EISA applies to both NEMA frame motors and the equivalent IEC frame motor.

The motors listed in this Supplement catalog are subject to availability.

Please see the Index section for the motor list prices.

LEESON Electric’s new 1050 Stock catalog, dated Dec. 6, 2010, lists the motors that meet EISA Legislation.

For more information regarding EISA, please visit our website at: leeson.com/energy-efficient/EISAFacts.html.

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Please see the Index section for the motor list prices.



THREE PHASE MOTORS

RIGID BASE • GENERAL PURPOSE

DRIP-PROOF

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Disc. Sym.	App. Wgt. (lbs.)	Voltage	F.L. Amps 230V	% F.L. Eff.	"C" Dim. (Inches)
1	1725	143T	G120010	B	30	208-230/460	3.1	82.5	11.28
	1725	...	...	...	...	...	...	...	...
	1140	145T	G120089	B	35	208-230/460	3.6	80.0	12.28
	1140	...	...	...	...	...	...	...	...
	850	...	...	...	...	...	...	...	...
1½	3450	143T	G120103	B	35	208-230/460	4.0	82.5	11.78
	3450	...	...	...	...	...	...	...	...
	1725	145T	G120011	B	37	208-230/460	4.4	84.0	12.13
	1725	...	...	...	...	...	...	...	...
	1140	182T	G130010	B	54	208-230/460	5.6	84.0	13.69
1170	...	...	...	...	...	...	...	...
850	...	...	...	...	...	...	...	...
2	3450	145T	G120076	B	45	208-230/460	5.2	84.0	11.78
	3450	...	...	...	...	...	...	...	...
	1725	145T	G120012	B	45	208-230/460	6.0	84.0	12.12
	1725	...	...	...	...	...	...	...	...
	1140	184T	G130012	B	81	208-230/460	7.2	85.5	14.69
850	...	...	...	...	...	...	...	...
3	3450	145T	G120077	B	45	208-230/460	7.6	84.0	12.28
	3450	...	...	...	...	...	...	...	...
	3510	...	...	...	...	...	...	...	...
	1740	182T	G130000	B	57	208-230/460	8.4	86.5	12.69
	1750	...	...	...	...	...	...	...	...
1140	213T	G140550	B	140	208-230/460	11.6	87.5	15.76	
850	...	...	...	...	...	...	...	...
5	3490	145T	G121662	B	45	208-230/460	12.4	85.5	13.78
	3500	...	...	...	...	...	...	...	...
	3450	182T	G130282	B	64	208-230/460	12.2	85.5	13.19
	1740	184T	G130004	B	69	208-230/460	13.2	87.5	13.69
	1750	...	...	...	...	...	...	...	...
1140	215T	G140122	B	120	208-230/460	17.6	87.5	16.75	
7½	3450	184T	G130284	B	78	208-230/460	17.6	87.5	14.69
	3450	...	...	...	...	...	...	...	...
	3510	...	...	...	...	...	...	...	...
	1740	213T	G140471	B	144	208-230/460	20.0	88.5	15.25
	1750	213T	G150142	C	147	208-230/460	19.6	88.5	16.38
1170	254T	G150145	C	240	208-230/460	20.2	88.5	20.94	

TOTALLY ENCLOSED FAN COOLED (TEFC)

NEMA Frame	Catalog Number	Disc. Sym.	App. Wgt. (lbs.)	Voltage	F.L. Amps 230V	% F.L. Eff.	"C" Dim. (Inches)
143T	G120014	B	31	208-230/460	3.1	82.5	12.75
143T	G151696	B	49	208-230/460	3.2	84.0	13.46
145T	G120087	B	45	208-230/460	3.6	80.0	13.25
145T	G151699	B	58	208-230/460	3.8	82.5	13.46
182T	131478	B	57	230/460	4.2	74.0	12.96
145T	G120086	B	45	208-230/460	4.0	82.5	12.76
143T	G151698	B	45	208-230/460	4.0	82.5	13.46
145T	G120015	B	36	208-230/460	4.4	84.0	12.75
145T	G151702	B	53	208-230/460	4.5	85.5	13.46
...
182T	G130015	B	82	208-230/460	5.6	85.5	14.96
184T	131479	B	68	230/460	5.6	77.0	13.96
145T	G120088	B	45	208-230/460	5.2	84.0	13.26
145T	G151704	B	49	208-230/460	5.2	84.0	13.46
145T	G120016	B	46	208-230/460	5.6	84.0	13.75
145T	G151703	B	56	208-230/460	5.8	85.5	13.46
184T	G130016	B	90	208-230/460	7.2	86.5	15.46
213T	G140516	B	107	230/460	8.8	77.0	17.21
145T	G120185	B	42	230/460	7.6	85.5	13.76
182T	G130099	B	60	208-230/460	7.6	85.5	13.46
182T	G151563	C	93	208-230/460	7.4	85.5	16.14
182T	G130008	B	68	208-230/460	8.2	87.5	13.96
182T	G151320	C	94	208-230/460	8.5	87.5	15.89
213T	G140551	B	116	208-230/460	12.0	87.5	17.71
215T	G140518	B	114	230/460	12.6	80.0	17.21
...
184T	G150299	C	100	208-230/460	12.0	87.5	16.80
184T	G130101	B	73	208-230/460	12.0	87.5	14.46
184T	G130027	B	80	208-230/460	13.0	87.5	14.96
184T	G151322	C	101	208-230/460	13.8	87.5	15.89
215T	G140126	B	142	208-230/460	17.6	87.5	18.21
184T	G131082	B	91	208-230/460	16.8	88.5	15.96
S213T	G130103	B	101	208-230/460	16.8	88.5	16.59
213T	G150158	C	150	208-230/460	17.8	88.5	18.20
213T	G140578	B	144	208-230/460	20.4	89.5	17.71
213T	G150157	C	153	208-230/460	19.2	89.5	18.19
254T	G150122	C	250	208-230/460	20.0	89.5	23.23

Motors in this column have a 1.15 Service Factor.

All 180 and 210 frame Rolled Steel motors have Class F Insulation.

All three phase motors, 1 HP and above, are inverter rated.

SHADED FRAME INDICATES CAST IRON CONSTRUCTION

All motors are subject to availability.

THREE PHASE MOTORS

RIGID BASE • GENERAL PURPOSE



DRIP-PROOF

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Disc. Sym.	App. Wgt. (lbs.)	Voltage	F.L. Amps 230V	% F.L. Eff.	"C" Dim. (Inches)
10	3450	213T	G140682	B	138	208-230/460	23.4	88.5	17.30
	3510	213T	G150143	C	168	208-230/460	24.0	88.5	16.38
	1740	215T	G140490	B	132	208-230/460	28.0	89.5	16.75
	1750	215T	G150144	C	168	208-230/460	25.0	89.5	17.87
	1170	256T	G150146	C	268	208-230/460	27.0	90.2	22.60
15	3450	215T	G140683	B	145	208-230/460	34.0	90.2	18.35
	3510	215T	G150064	C	173	208-230/460	35.0	89.5	17.87
	3525	...	...	...	...	...	...	...	...
	1760	S254T	G140579	B	150	208-230/460	39.6	91.0	20.07
	1770	254T	G150065	C	265	208-230/460	37.6	91.0	20.94
1170	284T	G150067	C	365	208-230/460	41.0	90.2	23.54	
20	3525	254T	G150032	C	258	208-230/460	46.6	90.2	20.94
	1750	256T	G150006	C	307	208-230/460	48.0	91.7	22.60
	1170	286T	G150000	C	385	208-230/460	53.0	91.0	25.00
25	3500	...	...	...	...	...	...	...	...
	3525	256T	G150034	C	292	208-230/460	57.0	91.0	22.60
	3550	...	...	...	...	...	...	...	...
	1770	284T	G150009	C	388	208-230/460	59.6	91.7	23.54
	1180	324T	G150002	C	529	208-230/460	67.0	91.7	26.02
30	3550	284TS	G150036	C	373	208-230/460	70.4	91.0	22.17
	1770	286T	G150013	C	434	208-230/460	72.0	92.4	25.00
	1180	326T	G150004	C	567	208-230/460	78.8	92.4	27.52
40	3550	286TS	G150038	C	426	208-230/460	93.0	91.7	23.62
	3550	...	...	...	...	...	...	...	...
	1780	324T	G150017	C	528	208-230/460	96.0	91.0	26.02
1180	364T	G150147	C	654	208-230/460	100.0	93.0	28.01	

TOTALLY ENCLOSED FAN COOLED (TEFC)

NEMA Frame	Catalog Number	Disc. Sym.	App. Wgt. (lbs.)	Voltage	F.L. Amps 230V	% F.L. Eff.	"C" Dim. (Inches)
215T	G140686	B	126	208-230/460	24.0	89.5	19.84
215T	G150159	C	167	208-230/460	23.6	89.5	19.61
215T	G140489	B	167	208-230/460	26.0	89.5	18.71
215T	G150140	C	176	208-230/460	25.2	89.5	19.61
256T	G150123	C	277	208-230/460	26.2	89.5	24.92
215T	G140687	B	140	208-230/460	36.0	90.2	20.57
215T	G151317	C	168	208-230/460	35.0	90.2	19.61
254T	G150062	C	260	208-230/460	35.0	90.2	23.19
...
254T	G150066	C	284	208-230/460	37.0	91.0	23.19
284T	G150068	C	359	208-230/460	40.4	90.2	26.26
256T	G150033	C	296	208-230/460	46.2	90.2	24.92
256T	G150007	C	321	208-230/460	48.2	91.0	24.92
286T	G150001	C	408	208-230/460	52.6	90.2	27.83
256T	G151318	C	307	208-230/460	56.4	91.0	24.92
...
284TS	G150035	C	349	208-230/460	58.2	91.0	24.88
284T	G150011	C	370	208-230/460	58.8	92.4	26.26
324T	G150003	C	494	208-230/460	64.8	91.7	29.53
286TS	G150037	C	375	208-230/460	69.2	91.0	26.46
286T	G150015	C	428	208-230/460	69.8	92.4	27.83
326T	G150005	C	528	208-230/460	77.0	91.7	31.02
...
324TS	G150039	C	496	208-230/460	93.0	91.7	28.03
324T	G150019	C	528	208-230/460	90.0	93.0	29.53
364T	G150096	C	638	208-230/460	101.0	93.0	32.64

NOTE: 150 Series Drip-Proof and TEFC motors in NEMA frames 180T thru 447T can be field converted, by reassembly, to F2 conduit box locations.

All 180 and 210 frame Rolled Steel motors have Class F Insulation.

All three phase motors, 1 HP and above, are inverter rated.

SHADED FRAME INDICATES CAST IRON CONSTRUCTION

All motors are subject to availability.



THREE PHASE MOTORS

150 & 170 SERIES • RIGID BASE • GENERAL PURPOSE

DRIP-PROOF

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Disc. Sym.	App. Wgt. (lbs.)	Voltage	F.L. Amps 230V	% F.L. Eff.	"C" Dim. (Inches)
50	3550	324TS	G150040	C	511	208-230/460	112.0	92.4	24.53
	1780	326T	G150021	C	612	208-230/460	120.0	93.0	27.52
	1180	365T	G150148	C	716	208-230/460	125.0	93.0	31.18
60	3550	326TS	G150042	C	560	208-230/460	134.0	93.0	26.02
	3570	...	...	...	...	...	...	...	...
	1780	364T	G150025	C	715	208-230/460	141.0	93.6	28.01
	1190	404T	G150149	C	1010	208-230/460	142.0	93.6	32.76
75	3570	364TS	G150044	C	707	208-230/460	173.0	93.0	26.89
	1780	365T	G150029	C	765	208-230/460	177.0	94.1	31.18
	1190	405T	G150150	C	1017	208-230/460	181.0	93.6	34.25
100	3570	365TS	G150151	C	752	208-230/460	236.0	93.0	29.06
	3570	...	...	...	...	...	...	...	...
	1780	404T	G150152	C	988	208-230/460	240.0	94.1	32.76
	1190	...	...	...	...	...	...	...
125	3570	404TS	G150154	C	987	230/460	282.0	93.6	29.76
	3570	...	...	...	...	...	...	...	...
	1780	405T	G150155	C	1083	230/460	280.0	94.5	34.25
	1780	...	...	...	...	...	...	...
	1190	...	...	...	...	...	...	...
150	3570	405TS	G151449	C	1073	460	167.0+	93.6	31.26
	1790	444T	G151522	C	1852	460	164.0+	95.0	40.00
200	1785	445T	G151523	C	1860	460	229.0+	95.0	40.00
	1790	...	...	...	...	...	...	...	...
250	1770	...	...	...	...	...	...	...	...
	1785	445T	151524	C	1940	460	284.0+	94.5	40.00
300	1785	445T	151525	C	1962	460	329.0+	95.0	40.00
350	1780	445T	151518	C	2041	460	392.0+	94.1	40.00
	1790	...	...	...	...	...	...	...	...

♦ Full Load Amps 460 volt

TOTALLY ENCLOSED FAN COOLED (TEFC)

NEMA Frame	Catalog Number	Disc. Sym.	App. Wgt. (lbs.)	Voltage	F.L. Amps 230V	% F.L. Eff.	"C" Dim. (Inches)
326TS	G150041	C	637	208-230/460	112.0	92.4	29.53
326T	G150023	C	561	208-230/460	117.8	93.0	31.02
365T	G150097	C	686	208-230/460	123.0	93.0	33.62
...
364TS	G150043	C	695	208-230/460	137.0	93.0	30.51
364T	G150027	C	687	208-230/460	138.0	93.6	32.64
404T	G150098	C	888	208-230/460	145.0	93.6	36.42
365TS	G150045	C	850	208-230/460	172.0	93.0	31.50
365T	G150031	C	723	208-230/460	173.0	94.1	33.62
405T	G150099	C	973	208-230/460	179.0	93.6	37.91
...
405TS	G150160	C	985	208-230/460	220.0	93.6	34.92
405T	G150087	C	1050	208-230/460	229.0	94.5	37.91
444T	G151367	C	1655	460	114.5+	94.1	42.87
...
444TS	G151368	C	1282	460	134.0+	94.5	39.10
...
444T	G151369	C	1920	460	139.0+	94.5	42.87
445T	G151370	C	2179	460	147.0+	94.1	44.88
...
445T	G151371	C	1900	460	169.0+	95.0	44.88
...
447T	G150352	C	2053	460	223.0+	95.0	48.00
449T	151516	C	2425	460	274.0+	95.0	52.80
...
449T	151529	C	2558	460	327.0+	95.4	52.80
...
449T	151530	C	2710	460	402.0+	95.4	52.80

All three phase motors, 1 HP and above, are inverter rated.

SHADED FRAME INDICATES CAST IRON CONSTRUCTION

All motors are subject to availability.

OTHER GENERAL PURPOSE MOTORS

RIGID BASE • THREE PHASE



F2 MOUNT MOTORS

General purpose, three-phase motors with NEMA F2 conduit box location.

DRIP-PROOF

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Disc. Sym.	App. Wgt. (lbs.)	Voltage	F.L. Amps 230V	% F.L. Eff.	"C" Dim. (Inches)
3	1760	182T	G131240	B	63	208-230/460	8.4	86.5	11.69
5	1760	184T	G131239	B	76	208-230/460	13.2	87.5	13.69
7½	1760	213T	G140609	B	96	208-230/460	20.0	88.5	15.26

Motors in this column have NEMA Service Factors—see page 308 for details.

TEFC

NEMA Frame	Catalog Number	Disc. Sym.	App. Wgt. (lbs.)	Voltage	F.L. Amps 230V	% F.L. Eff.	"C" Dim. (Inches)
182T	G131237	B	74	208-230/460	8.2	87.5	13.96
184T	G131236	B	86	208-230/460	13.0	87.5	14.96
213T	G140604	B	119	208-230/460	20.4	89.5	17.71

Motors in this column have a 1.15 Service Factor.

Note: For larger F2 mount motors, 150 Series cast iron motors may be converted to F2 by reassembly.

AUTOMATIC OVERLOAD MOTORS

General purpose, drip-proof motors with automatic reset thermal overload protection. Not for use with variable frequency drives.

DRIP-PROOF • RIGID BASE

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Disc. Sym.	App. Wgt. (lbs.)	Voltage	F.L. Amps 230V	% F.L. Eff.	"C" Dim. (Inches)
3	1760	182T	G131338	B	58	208-230/460	8.4	86.5	12.69
5	1760	184T	G130565	B	78	208-230/460	13.2	87.5	13.69

All 180 and 210 frame Rolled Steel motors have Class F Insulation.

All three phase motors, 1 HP and above, are inverter rated.

All motors are subject to availability.



C FACE MOTORS • THREE PHASE

LESS BASE • GENERAL PURPOSE

DRIP-PROOF

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Disc. Sym.	App. Wgt. (lbs.)	Voltage	F.L. Amps 230V	% F.L. Eff.	"C" Dim. (Inches)
1	1725	143TC	120172	B	26	208-230/460	4.2	78.5	11.28
	1140	145TC	120082	B	34	208-230/460	4.0	77.0	11.78
1½	3450	143TC	121668	B	29	208-230/460	4.2	82.1	11.78
	1725	145TC	120081	B	34	208-230/460	5.6	78.5	11.78
	1140	145TC	121669	B	39	208-230/460	5.7	77.0	12.28
2	3450	143TC	121670	B	33	208-230/460	6.2	82.9	11.88
	1725	145TC	120035	B	33	208-230/460	6.2	78.5	12.28
	1140	184TC	132059	B	45	208-230/460	6.0	84.0	13.78
3	3450	145TC	121187	B	39	208-230/460	7.6	84.0	12.28
	3450	...	...	...	...	...	...	...	...
	1725	145TC	121405	B	45	208-230/460	8.6	82.5	13.12
	1740	182TC	131489	B	43	208-230/460	8.0	80.0	11.69
	1140	213TC	140765	B	140	208-230/460	11.6	86.5	15.76
5	3450	145TC	121664	B	45	208-230/460	12.4	85.5	13.75
	3450	182TC	131779	B	84	208-230/460	13.2	82.5	13.19
	1725	184TC	131490	B	62	208-230/460	14.2	84.0	12.69
	1140	...	...	...	...	...	...	...	...
7½	3450	184TC	131780	B	73	208-230/460	18.4	84.0	14.19
	3450	...	...	...	...	...	...	...	...
	3450	...	...	...	...	...	...	...	...
	1740	184TC	131739	B	108	230/460	20.0	87.0	14.70
	1740	...	...	...	...	...	...	...	...
	1750	S213TC	131527	B	88	230/460	20.0	87.0	15.69
	1760	213TC	140580	B	115	208-230/460	20.0	88.5	15.25
10	3450	213TC	140688	B	85	208-230/460	25.0	85.5	16.53
	3450	...	...	...	...	...	...	...	...
	1740	215TC	140108	B	132	208-230/460	28.0	89.5	16.75
1750	...	...	...	...	...	...	...	...
15	3450	215TC	140689	B	100	208-230/460	38.0	86.5	18.03
	3450	...	...	...	...	...	...	...	...
	1760	254TC	151682	C	265	208-230/460	37.6	91.0	20.94
20	3500	254TC	151683	C	258	208-230/460	46.6	90.2	20.94
	1760	256TC	151684	C	307	208-230/460	48.0	92.0	22.60
25	3525	256TC	151685	C	292	208-230/460	57.0	91.0	22.60
	1760	284TC	151686	C	388	208-230/460	59.6	91.7	23.54
30	3500	284TSC	151687	C	373	208-230/460	70.4	91.0	22.17
	1760	...	...	...	...	...	...	...	...
40	1770	...	...	...	...	...	...	...
50	1770	...	...	...	...	...	...	...
60	1770	...	...	...	...	...	...	...

♣ These totally enclosed three phase motors have 1.0 service factors.

TEFC

NEMA Frame	Catalog Number	Disc. Sym.	App. Wgt. (lbs.)	Voltage	F.L. Amps 230V	% F.L. Eff.	"C" Dim. (Inches)
143TC	120024	B	26	208-230/460	3.8	77.0	11.75
145TC	120098	B	36	208-230/460	4.0	77.0	12.75
143TC	120105	B	33	208-230/460	4.2	80.3	12.75
145TC	120037	B	32	208-230/460	5.0	80.0	12.75
145TC	120161	B	39	208-230/460	5.7	77.0	13.75
145TC	120061	B	34	208-230/460	5.6	82.5	12.75
145TC	120038	B	35	208-230/460	6.2	81.5	12.75
184TC	131525	B	59	208-230/460	7.4	80.0	13.97
145TC	120993	B	38	208-230/460	7.6	84.0	13.25
182TC	131513	B	55	208-230/460	8.0	84.0	13.97
145TC	121035♣	B	44	208-230/460	8.6	82.5	14.25
182TC	131491	B	52	208-230/460	9.0	82.5	13.97
S213TC	131642	B	89	208-230/460	9.6	81.5	16.96
...
184TC	131514	B	68	208-230/460	12.4	85.5	13.97
184TC	131492	B	64	208-230/460	13.2	82.5	14.48
215TC	140535	B	120	208-230/460	17.6	87.5	18.21
184TC	131510	B	89	208-230/460	18.4	86.5	14.97
S213TC	131912	B	91	208-230/460	18.4	86.5	15.46
213TC	151345	C	158	208-230/460	18.4	85.5	18.84
184TC	131606	B	66	208-230/460	19.6	87.0	16.47
213TC	151346	C	162	208-230/460	18.4	87.9	18.84
S213TC	131528	B	102	208-230/460	19.6	87.0	16.96
...
215TC	140690	B	105	208-230/460	24.0	86.5	20.57
215TC	151347	C	172	208-230/460	23.8	86.2	20.34
215TC	140109	B	141	208-230/460	26.0	89.5	18.71
215TC	151348	C	185	208-230/460	24.6	88.4	20.34
215TC	140691	B	145	208-230/460	37.0	88.5	20.57
215TC	151349	C	200	208-230/460	36.0	89.2	16.61
254TC	151350	C	284	208-230/460	37.0	90.0	23.80
256TC	151351	C	270	208-230/460	48.0	89.6	25.50
256TC	151352	C	270	208-230/460	48.0	91.2	25.50
...
284TC	151507	C	390	208-230/460	60.0	91.3	26.26
...
286TC	151508	C	411	208-230/460	70.0	91.5	27.83
324TC	151509	C	548	208-230/460	92.0	92.1	29.53
326TC	151510	C	594	208-230/460	114.2	92.4	31.02
364TC	151519	C	778	208-230/460	140.0	92.7	32.64

All 180 and 210 frame Rolled Steel motors have Class F Insulation.

All three phase motors, 1 HP and above, are inverter rated.

SHADED FRAME INDICATES CAST IRON CONSTRUCTION

All motors are subject to availability.

C FACE MOTORS • THREE PHASE

WITH BASE • GENERAL PURPOSE



DRIP PROOF

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Disc. Sym.	App. Wgt. (lbs.)	Voltage	F.L. Amps 230V	% F.L. Eff.	"C" Dim. (Inches)
1	1740	...	...	...	...	...	...	...	...
	1725	143TC	G121650	B	34	208-230/460	3.1	82.5	11.28
	1140	...	...	...	...	...	...	...	...
1½	3450	...	...	...	...	...	...	...	...
	1725	145TC	G121651	B	32	208-230/460	4.4	84.0	12.12
2	3450	...	...	...	...	...	...	...	...
	1725	145TC	G120275	B	35	208-230/460	5.6	84.0	12.62
	1140	...	...	...	...	...	...	...	...
3	3500	145TC	G121072	B	35	230/460	7.6	84.0	12.78
	3515	...	...	...	...	...	...	...	...
	3510	...	...	...	...	...	...	...	...
	1760	182TC	G130325	B	58	208-230/460	8.4	86.5	12.69
	1750	...	...	...	...	...	...	...	...
	1140	...	...	...	...	...	...	...	...
5	3490	145TC	G121663	B	45	208-230/460	12.4	85.5	13.75
	3450	...	...	...	...	...	...	...	...
	3450	182TC	G131249	B	84	208-230/460	12.2	85.5	13.20
	1760	184TC	G130327	B	80	208-230/460	13.2	87.5	13.69
	1750	...	...	...	...	...	...	...	...
	1140	...	...	...	...	...	...	...	...
7½	3450	184TC	G131250	B	92	208-230/460	17.6	87.5	14.70
	3450	...	...	...	...	...	...	...	...
	3510	...	...	...	...	...	...	...	...
	1760	...	...	...	...	...	...	...	...
	1760	213TC	G150170	C	157	208-230/460	19.6	88.5	16.38
	1170	...	...	...	...	...	...	...	...
10	3450	213TC	G140692	B	105	208-230/460	23.4	88.5	18.03
	3510	213TC	G150171	C	180	208-230/460	27.6	88.5	16.38
	1740	215TC	G140146	B	162	208-230/460	28.0	89.5	16.75
	1760	215TC	G150172	C	183	208-230/460	25.0	89.5	18.62
	1170	...	...	...	...	...	...	...	...

Motors in this column have NEMA Service Factors

TEFC

NEMA Frame	Catalog Number	Disc. Sym.	App. Wgt. (lbs.)	Voltage	F.L. Amps 230V	% F.L. Eff.	"C" Dim. (Inches)
145TC	G121286	B	35	208-230/460	3.8	82.5	13.25
...
145TC	G120428	B	35	208-230/460	3.6	80.0	13.25
143TC	G121290	B	27	208-230/460	4.0	82.5	13.25
145TC	G121287	B	37	208-230/460	4.4	84.0	13.25
145TC	G121510	B	45	208-230/460	5.2	84.0	13.25
145TC	G120276	B	45	208-230/460	5.6	84.0	13.75
184TC	G131497	B	76	208-230/460	7.2	86.5	15.47
145TC	G120991	B	35	208-230/460	7.4	85.5	13.75
182TC	G131899	B	61	208-230/460	7.6	85.5	13.97
182TC	G151564	C	94	208-230/460	8.5	87.5	16.76
182TC	G130326	B	68	208-230/460	8.2	87.5	13.96
182TC	G151565	C	94	208-230/460	8.5	87.5	16.14
215TC	G140602	B	118	230/460	12.0	87.5	17.71
...
184TC	G131173	B	80	208-230/460	12.0	87.5	14.47
184TC	G151446	C	101	208-230/460	12.0	87.5	16.76
184TC	G130328	B	81	208-230/460	13.0	87.5	14.97
184TC	G151566	C	101	208-230/460	13.8	87.5	16.14
215TC	G140482	B	144	208-230/460	17.6	87.5	18.21
184TC	G130990	B	91	208-230/460	16.8	88.5	15.97
S213TC	G131774	B	70	208-230/460	16.8	88.5	16.96
213TC	G150166	C	153	208-230/460	17.8	88.5	18.95
213TC	G140183	B	153	208-230/460	20.4	89.5	17.71
213TC	G150165	C	156	208-230/460	19.2	89.5	18.95
254TC	G150138	C	231	208-230/460	20.0	89.5	23.80
213TC	G140696	B	115	208-230/460	24.0	89.5	20.57
215TC	G150168	B	163	208-230/460	23.6	89.5	20.36
215TC	G140147	B	162	208-230/460	26.0	89.5	18.71
215TC	G150167	C	178	208-230/460	25.2	89.5	20.36
256TC	G150139	C	252	208-230/460	26.2	89.5	25.50

All 180 and 210 frame Rolled Steel motors have Class F Insulation.

All three phase motors, 1 HP and above, are inverter rated.

SHADED FRAME INDICATES CAST IRON CONSTRUCTION

All motors are subject to availability.



C FACE MOTORS • THREE PHASE
WITH BASE • GENERAL PURPOSE

DRIP PROOF

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Disc. Sym.	App. Wgt. (lbs.)	Voltage	F.L. Amps 230V	% F.L. Eff.	"C" Dim. (Inches)
15	3450	215TC	G140693	B	130	208-230/460	34.0	90.2	19.28
	3510	215TC	G150173	C	191	208-230/460	35.0	89.5	18.62
	3510	...	...	...	...	...	...	...	...
	1770	254TC	G150175	C	266	208-230/460	37.6	91.0	21.32
1170	...	...	...	...	...	...	...	...
20	3525	254TC	G150070	C	275	208-230/460	46.6	90.2	21.38
	1770	256TC	G150071	C	325	208-230/460	49.0	91.0	23.03
25	3525	256TC	G151688	C	300	208-230/460	57.0	91.0	22.60
	3550	...	...	...	...	...	...	...	...
	3550	...	...	...	...	...	...	...	...
	1770	284TC	G150073	C	390	208-230/460	59.6	91.7	23.54
30	3550	...	...	...	...	...	...	...	...
	3550	...	...	...	...	...	...	...	...
1770	286TC	G151377	C	430	208-230/460	72.0	92.4	25.00	
40	3550	...	...	...	...	...	...	...	...
	1780	324TC	G151378	C	491	208-230/460	96.0	91.0	26.02
50	3550	...	...	...	...	...	...	...	...
	1780	326TC	G151379	C	599	208-230/460	120.0	93.0	27.52
60	3570	...	...	...	...	...	...	...	...
	1780	364TC	G151689	C	725	208-230/460	141.0	93.6	28.01
75	3570	...	...	...	...	...	...	...	...
	1780	365TC	G151690	C	771	208-230/460	177.0	94.1	31.18
100	1780	404TC	G151691	C	997	208-230/460	240.0	94.1	32.76
	1780	...	...	...	...	...	...	...	...

Motors in this column have NEMA Service Factors

TEFC

NEMA Frame	Catalog Number	Disc. Sym.	App. Wgt. (lbs.)	Voltage	F.L. Amps 230V	% F.L. Eff.	"C" Dim. (Inches)
215TC	G140697	B	161	208-230/460	36.0	90.2	20.57
...
254TC	G150103	C	245	208-230/460	35.0	90.2	23.80
254TC	G150102	C	268	208-230/460	36.6	91.0	23.80
284TC	G150104	C	369	208-230/460	40.4	90.2	26.26
256TC	G150079	C	257	208-230/460	46.2	90.2	25.50
256TC	G150080	C	321	208-230/460	48.2	91.0	25.50
...
284TSC	G150106	C	362	208-230/460	58.2	91.0	24.88
284TC	G151383	C	362	208-230/460	58.2	91.0	26.26
284TC	G150081	C	387	208-230/460	58.8	92.4	26.26
286TSC	G150108	C	375	208-230/460	69.2	91.0	26.46
286TC	G151396	C	375	208-230/460	69.2	91.0	27.83
286TC	G150082	C	433	208-230/460	69.8	92.4	27.83
324TSC	G150110	C	574	208-230/460	93.0	91.7	28.00
324TC	G150083	C	572	208-230/460	95.2	93.0	29.53
326TSC	G150112	C	604	208-230/460	112.0	92.4	29.53
326TC	G150084	C	631	208-230/460	117.8	93.0	31.02
364TSC	G150114	C	860	208-230/460	139.0	93.0	30.51
364TC	G150085	C	699	208-230/460	138.0	93.6	32.64
365TSC	G150115	C	773	208-230/460	172.0	93.0	31.49
365TC	G150086	C	757	208-230/460	173.0	94.1	33.62
...
405TC	G151680	C	1100	208-230/460	229.0	94.5	37.91

Motors in this column have 1.15 Service Factors.

All 180 and 210 frame Rolled Steel motors have Class F Insulation.

All three phase motors, 1 HP and above, are inverter rated.

SHADED FRAME INDICATES CAST IRON CONSTRUCTION

All motors are subject to availability.

WASHGUARD MOTORS
WHITE EPOXY



TENV and TEFC C FACE LESS BASE

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Disc. Sym.	App. Wgt. (lbs.)	Voltage	F.L. Amps 230V	% F.L. Eff.	"C" Dim. (Inches)
1	1725	143TC	121652	A	35	208-230/460	3.8	77.0	11.75
1½	1725	145TC	121655	A	47	208-230/460	5.0	78.5	12.75
2	1725	145TC	120762	B	39	208-230/460	6.2	81.5	12.75
3	3450	145TC	120987	B	39	208-230/460	7.6	84.0	13.25
	1740	182TC	131596	B	61	208-230/460	9.0	82.5	14.47
5	3450	184TC	131595	B	72	208-230/460	12.4	85.5	14.47
	1740	184TC	131597	B	72	208-230/460	13.2	82.5	14.47
7½	3450	S213TC	131594	B	85	208-230/460	18.4	86.5	15.47
	1750	213TC	140467	B	139	208-230/460	20.4	89.5	17.71
10	3450	215TC	140737	B	124	208-230/460	24.0	89.5	20.57
	1750	215TC	140465	B	180	208-230/460	26.0	89.5	18.71
15	3450	215TC	140738	B	139	208-230/460	36.0	90.2	20.57

TEFC • RIGID BASE

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Disc. Sym.	App. Wgt. (lbs.)	Voltage	F.L. Amps 230V	% F.L. Eff.	"C" Dim. (Inches)
1	1725	143T	G120585	B	35	208-230/460	3.1	82.5	12.75
1½	1725	145T	G120858	B	51	208-230/460	4.4	84.0	12.75
2	1725	145T	G120586	B	46	208-230/460	5.6	84.0	13.75
3	1760	182T	G130662	B	69	208-230/460	8.2	87.5	13.96
5	3450	184T	G131775	B	75	208-230/460	12.0	87.5	14.46
	1760	184T	G130663	B	85	208-230/460	13.0	87.5	14.96
7½	3450	184T	G131776	B	87	208-230/460	16.8	88.5	15.96
	3450	S213T	G131911	B	87	208-230/460	16.8	88.5	16.59
	1740	213T	G140280	B	131	208-230/460	20.4	89.5	17.71
10	1740	215T	G140281	B	165	208-230/460	26.0	89.5	18.71

WASHGUARD II MOTORS
STAINLESS FRAME



TEFC • C FACE LESS BASE

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Disc. Sym.	App. Wgt. (lbs.)	Voltage	F.L. Amps 230V	% F.L. Eff.	"C" Dim. (Inches)
1½	1725	145TC	121350	B	40	208-230/460	4.4	84.0	12.75
2	1725	145TC	121351	B	51	208-230/460	5.6	84.0	13.75

TENV and TEFC C FACE WITH BASE

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Disc. Sym.	App. Wgt. (lbs.)	Voltage	F.L. Amps 230V	% F.L. Eff.	"C" Dim. (Inches)
1	1725	143TC	G120587	B	35	208-230/460	3.1	82.5	13.25
1½	1725	145TC	G121540	B	51	208-230/460	4.4	84.0	13.25
2	1725	145TC	G120588	B	47	208-230/460	5.6	84.0	13.75
3	3450	145TC	G120911	B	43	208-230/460	7.6	85.5	13.75
	1760	182TC	G130664	B	77	208-230/460	8.2	87.5	14.47
5	3450	184TC	G131167	B	76	208-230/460	12.0	87.5	14.47
	1760	184TC	G131171	B	79	208-230/460	13.0	87.5	14.97
7½	3450	184TC	G132016	B	90	208-230/460	16.8	88.5	15.97
	3450	S213TC	G131165	B	108	208-230/460	16.8	88.5	17.47
	1740	213TC	G140466	B	131	208-230/460	20.4	89.5	17.71
10	3450	215TC	G140700	B	125	208-230/460	24.0	89.5	20.57
	1740	215TC	G140464	B	140	208-230/460	26.0	89.5	18.71
15	3450	215TC	G140701	B	140	208-230/460	36.0	90.2	20.57

TEFC • JM PUMP

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Disc. Sym.	App. Wgt. (lbs.)	Voltage	F.L. Amps 230V	% F.L. Eff.	"C" Dim. (Inches)
1	1725	143JM	121579	B	37	208-230/460	3.1	82.5	15.75
1½	3450	143JM	121580	B	46	208-230/460	4.0	82.5	15.75
	1725	145JM	121581	B	53	208-230/460	4.4	84.0	15.75
2	3450	145JM	121582	B	47	208-230/460	5.2	84.0	15.75
	1725	145JM	121583	B	49	208-230/460	5.6	84.0	16.25
3	3450	145JM	121584	B	45	208-230/460	7.6	85.5	16.25
	1760	182JM	131967	B	79	208-230/460	8.2	87.5	16.13
5	3450	184JM	131968	B	78	208-230/460	12.0	87.5	16.13
	1760	184JM	131969	B	81	208-230/460	13.0	87.5	16.63
7½	3450	184JM	131970	B	110	208-230/460	16.8	88.5	17.63
	1740	213JM	140733	B	133	208-230/460	20.4	89.5	19.00
10	3450	215JM	140734	B	135	208-230/460	24.0	89.5	21.70
	1740	215JM	140735	B	142	208-230/460	26.0	89.5	20.00
15	3450	215JM	140736	B	150	208-230/460	36.0	90.2	21.70

TEFC • C FACE WITH BASE

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Disc. Sym.	App. Wgt. (lbs.)	Voltage	F.L. Amps 230V	% F.L. Eff.	"C" Dim. (Inches)
1½	1725	145TC	G121166	B	42	208-230/460	4.4	84.0	13.25
2	1725	145TC	G121167	B	51	208-230/460	5.6	84.0	13.75

All three phase motors, 1 HP and above, are inverter rated.

All Washdown Duty motors have Class F Insulation.

All motors are subject to availability.



WASHGUARD ALL-STAINLESS MOTORS

THREE PHASE

TENV/TEFC • C FACE WITH BASE

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Disc. Sym.	App. Wgt. (lbs.)	Voltage	F.L. Amps 230V	% F.L. Eff.	"C" Dim. (Inches)
1	3450	143TC	G191210	B	42	208-230/460	2.6	80.0	13.62
	1750	143TC	G191212	B	48	208-230/460	3.0	82.5	13.62
	1140	145TC	191418	B	49	208-230/460	3.8	82.5	13.20
1½	3450	143TC	G191216	B	49	208-230/460	3.8	82.5	13.62
	1750	145TC	G191218	B	49	208-230/460	4.8	84.0	13.62
2	3450	145TC	G191222	B	50	208-230/460	5.0	84.0	13.62
	1750	145TC	G191224	B	53	208-230/460	5.8	84.0	13.62
3	3450	145TC	G191293	B	62	208-230/460	7.4	85.5	14.12



SST DUCK

WASHGUARD SST

TENV/TEFC • C FACE LESS BASE

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Disc. Sym.	App. Wgt. (lbs.)	Voltage	F.L. Amps 230V	% F.L. Eff.	"C" Dim. (Inches)
1	1750	143TC	G191214	B	47	208-230/460	3.0	82.5	13.62
1½	1750	145TC	G191220	B	48	208-230/460	4.8	84.0	13.62
2	1750	145TC	G191226	B	52	208-230/460	5.8	84.0	13.62

All three phase motors, 1 HP and above, are inverter rated.

All motors are subject to availability.

WASHGUARD ALL-STAINLESS MOTORS

THREE PHASE



TENV/TEFC • C FACE WITH BASE

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Disc. Sym.	App. Wgt. (lbs.)	Voltage	F.L. Amps 230V	% F.L. Eff.	"C" Dim. (Inches)
1	1750	143TC	G121658	B	50	208-230/460	3.1	82.5	13.19
	1750	143TC	G121814♣	B	50	208-230/460	3.1	82.5	13.19
1½	3450	143TC	G121524	B	45	208-230/460	4.0	82.5	13.69
	3450	143TC	G121811♣	B	45	208-230/460	4.0	82.5	13.69
	1750	145TC	G121420	B	49	208-230/460	4.4	84.0	13.69
	1750	145TC	G121809♣	B	49	208-230/460	4.4	84.0	13.69
2	3450	145TC	G121526	B	49	208-230/460	5.2	84.0	13.69
	3450	145TC	G121812♣	B	49	208-230/460	5.2	84.0	13.69
	1750	145TC	G121421	B	50	208-230/460	5.6	84.0	13.69
	1750	145TC	G121810♣	B	50	208-230/460	5.6	84.0	13.69
3	3450	145TC	G121528	B	53	208-230/460	7.6	85.5	13.69
	1750	182TC	G131900	B	85	208-230/460	8.2	87.5	14.77
5	3450	184TC	G131901	B	90	208-230/460	12.0	87.5	14.77
	1750	184TC	G131902	B	96	208-230/460	13.0	87.5	15.27
7½	3450	213TC	G140698	B	160	208-230/460	18.4	88.5	18.69
	1750	213TC	G140675	B	160	208-230/460	20.4	89.5	18.69
10	3450	215TC	G140699	B	165	208-230/460	24.0	89.5	18.69
	1750	215TC	G140676	B	173	208-230/460	26.0	89.5	18.69

♣ Items built having the Extreme Duck Mechanical Features.



PREMIUM
STAINLESS
STEEL DUCK

TENV/TEFC • C FACE LESS BASE

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Disc. Sym.	App. Wgt. (lbs.)	Voltage	F.L. Amps 230V	% F.L. Eff.	"C" Dim. (Inches)
1	1750	143TC	121659	B	46	208-230/460	3.1	82.5	13.19
	1750	143TC	121808♣	B	46	208-230/460	3.1	82.5	13.19
1½	3450	143TC	121560	B	45	208-230/460	4.0	82.5	12.69
	3450	143TC	121799♣	B	45	208-230/460	4.0	82.5	12.69
	1750	145TC	121525	B	49	208-230/460	4.4	84.0	13.69
	1750	145TC	121797♣	B	49	208-230/460	4.4	84.0	13.69
2	3450	145TC	121561	B	48	208-230/460	5.2	84.0	13.19
	3450	145TC	121800♣	B	48	208-230/460	5.2	84.0	13.19
	1750	145TC	121527	B	54	208-230/460	5.6	84.0	13.69
	1750	145TC	121798♣	B	54	208-230/460	5.6	84.0	13.69
3	3450	145TC	121562	B	49	208-230/460	7.6	85.5	13.69
	1750	182TC	131923	B	82	208-230/460	8.2	87.5	14.77
5	3450	184TC	131949	B	90	208-230/460	12.0	87.5	14.77
	1750	184TC	131924	B	94	208-230/460	13.0	87.5	15.27

♣ Items built having the Extreme Duck Mechanical Features.

TEFC • JM PUMP

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Disc. Sym.	App. Wgt. (lbs.)	Voltage	F.L. Amps 230V	% F.L. Eff.	"C" Dim. (Inches)
1	1750	143JM	121626	B	53	208-230/460	3.1	82.5	16.00
1½	3450	143JM	121627	B	46	208-230/460	4.0	82.5	16.00
	1750	145JM	121628	B	49	208-230/460	4.4	84.0	16.00
2	3450	145JM	121629	B	52	208-230/460	5.2	84.0	16.00
	1750	145JM	121630	B	50	208-230/460	5.6	84.0	16.50
3	3450	145JM	121631	B	53	208-230/460	7.6	85.5	16.50
	1750	182JM	131996	B	85	208-230/460	8.2	87.5	16.20
5	3450	184JM	131997	B	89	208-230/460	12.0	87.5	16.20
	1750	184JM	131998	B	96	208-230/460	13.0	87.5	16.77
7½	3450	213JM	140740	B	153	208-230/460	18.4	88.5	16.81
	1750	213JM	140741	B	156	208-230/460	20.4	89.5	19.81
10	3450	215JM	140742	B	155	208-230/460	24.0	89.5	19.81
	1750	215JM	140743	B	173	208-230/460	26.0	89.5	19.81

All three phase motors, 1 HP and above, are inverter rated.
All motors are subject to availability.



EXPLOSION-PROOF MOTORS

THREE PHASE

RIGID BASE

DIVISION I, DIVISION II, CLASS I, GROUPS C & D –
CLASS II, GROUPS F & G • W/CONDUIT BOX

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Disc. Sym.	App. Wgt. (lbs.)	Voltage	Over- load Prot.	F.L. Amps 230V	% F.L. Eff.	"C" Dim. (Inches)
1½	3450	143T	G120489	B	46	208-230/460	Auto.	4.0	82.5	14.41
	1725	145T	G120490	B	56	208-230/460	Auto.	4.4	84.0	14.41
2	3450	145T	G120491	B	51	208-230/460	Auto.	5.2	84.0	15.41
	1725	145T	G120391	B	56	208-230/460	Auto.	5.6	84.0	15.41
3	3450	145T	G120387	B	51	208-230/460	Auto.	7.4	85.5	15.91

C FACE LESS BASE

DIVISION I, DIVISION II, CLASS I, GROUPS C & D –
CLASS II, GROUPS F & G • W/CONDUIT BOX

HP	RPM 60 Hz▲	NEMA Frame	Catalog Number	Disc. Sym.	App. Wgt. (lbs.)	Voltage	Over- load Prot.	F.L. Amps 230V	% F.L. Eff.	"C" Dim. (Inches)
2	1725	145TC	121178	B	50	208-230/460	Auto.	5.6	84.0	15.02
3	1740	182TC	158003 ^G	C	91	230/460	T-Stat	8.8	80.0	15.62
5	1740	184TC	158005 ^G	C	110	230/460	T-Stat	13.4	82.5	16.12

^G Explosion-proof motors are Class I, Group D—Class II, Groups F & G.

▲ These motors are satisfactory for operation on 50 Hz power supply at full rated horsepower.

EXCEPT AS NOTED, STEEL FRAME EXPLOSION-PROOF MOTORS ARE NOT INVERTER-RATED
AND MUST NOT BE USED WITH AN INVERTER

SHADED FRAME INDICATES CAST IRON CONSTRUCTION

All motors are subject to availability.



C FACE WITH BASE

DIVISION I, DIVISION II, CLASS I, GROUPS C & D – CLASS II, GROUPS F & G • W/CONDUIT BOX

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Disc. Sym.	App. Wgt. (lbs.)	Voltage	Over- load Prot.	F.L. Amps 230V	% F.L. Eff.	"C" Dim. (Inches)
1	1725	143TC	G121541❖	B	44	208-230/460	T-Stat	3.0	82.5	14.50
1½	1725	145TC	G121542❖	B	54	208-230/460	T-Stat	4.4	84.0	16.00
2	1740	145TC	G121182	B	58	208-230/460	Auto.	5.6	84.0	15.02
	1725	145TC	G121543❖	B	65	208-230/460	T-Stat	5.6	84.0	16.50

❖ These motors are inverter-rated and suitable for use with an inverter. Others are not!

C FACE WITH RIGID BASE • CAST IRON FRAME

DIVISION I, DIVISION II, CLASS I, GROUP D – CLASS II, GROUPS F & G WITH CONDUIT BOX AND NORMALLY-CLOSED THERMOSTATS

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Disc. Sym.	App. Wgt. (lbs.)	Voltage	F.L. Amps 460 V.	% F.L. Eff.	"C" Dim. (Inches)
3	3450	182TC	G850587★	C	90	230/460	3.8	85.5	17.12
	1750	182TC	G850617★	C	91	230/460	4.0	87.5	17.12
5	3450	184TC	G850588★	C	125	230/460	6.2	87.5	17.12
	1750	184TC	G850618★	C	125	230/460	6.3	87.5	17.12
7½	3450	213TC	G850589★	C	138	230/460	9.5	88.5	20.18
	1750	213TC	G850619★	C	138	230/460	10.0	89.5	20.18
10	3450	215TC	G850590★	C	155	230/460	12.0	89.5	20.18
	1750	215TC	G850620★	C	155	230/460	13.0	91.0	20.18
15	3450	254TC	G850591★	C	238	230/460	18.0	90.2	23.52
	1750	254TC	G850621★[H]	C	238	230/460	19.5	91.0	23.52
20	3450	256TC	G850592★[H]	C	263	230/460	23.0	90.2	25.27
	1750	256TC	G850622★[H]	C	263	230/460	25.0	91.0	25.27
25	3450	284TSC	G850593★[H]	C	365	230/460	29.0	91.0	24.94
	1750	284TC	G850623★[H]	C	366	230/460	31.5	92.4	26.30
30	1750	286TC	G850624★[H]	C	385	230/460	37.0	92.4	27.80
40	1750	324TC	G850625★[H]	C	550	230/460	51.5	93.0	28.87
50	1750	326TC	G850626 [H]	C	570	230/460	61.5	93.0	30.37

★ These motors have 1.15 Service Factors.

[H] Explosion-proof motors are Class I, Groups C & D—Class II, Groups F & G.

EXCEPT AS NOTED, STEEL FRAME EXPLOSION-PROOF MOTORS ARE NOT INVERTER-RATED AND MUST NOT BE USED WITH AN INVERTER

SHADED FRAME INDICATES CAST IRON CONSTRUCTION

All motors are subject to availability.

LEESON[®] EXPLOSION-PROOF MOTORS

THREE PHASE

CAST IRON FRAME • RIGID BASE

DIVISION I, DIVISION II, WITH CONDUIT BOX AND NORMALLY CLOSED THERMOSTATS

EXPLOSION-PROOF MOTORS ARE CLASS I, GROUPS C & D—CLASS II, GROUPS F & G • ALL RATINGS ARE INVERTER RATED

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Disc. Sym.	App. Wgt. (lbs.)	Voltage	F.L. Amps 460V	% F.L. Eff.	"C" Dim. (Inches)
3	1760	182T	G158362	C	100	230/460	4.2	87.5	17.12
5	3475	184T	G158319	C	110	230/460	6.2	87.5	17.12
	1745	184T	G158366	C	120	230/460	6.5	87.5	17.12
7½	3530	213T	G158158	C	175	230/460	9.5	88.5	20.91
	1760	213T	G158157	C	138	230/460	10.0	89.5	19.66
10	3535	215T	G158159	C	190	230/460	12.0	89.5	20.91
	1765	215T	G158140	C	155	230/460	12.5	89.5	20.91
15	3520	254T	G158000	C	325	230/460	18.0	90.2	23.52
	1765	254T	G158001	C	375	230/460	19.5	91.0	23.52
20	3525	256T	G825039	C	375	230/460	23.5	90.2	25.27
	1765	256T	G158010	C	263	230/460	25.0	91.0	25.27
25	3525	284TS	G825046	C	400	230/460	29.0	91.0	24.94
	1770	284T	G825047	C	366	230/460	31.5	92.4	26.30
30	3515	286TS	G825040	C	450	230/460	35.0	91.0	26.44
	1760	286T	G825041	C	450	230/460	37.0	92.4	27.80
40	3550	324TS	G825042	C	500	230/460	45.5	91.7	27.37
	1770	324T	G825043♣	C	525	230/460	51.5	93.0	28.87
50	3550	326TS	G825044	C	570	230/460	57.0	92.4	28.87
	1765	326T	G825045♣	C	570	230/460	61.5	93.0	30.37
60	3560	364TS	G825001♣	C	875	230/460	70.5	93.0	29.38
	1775	364T	G825002♣	C	975	230/460	72.0	93.6	31.50
75	3555	365TS	G825004	C	1000	230/460	84.0	93.6	30.38
	1780	365T	G825005	C	1025	230/460	86.0	94.1	32.50
100	3565	405TS	G825007	C	1150	230/460	112.0	94.1	34.12
	1780	405T	G825008	C	1300	230/460	114.0	94.5	37.12
125	3565	444TS	G825010	C	1750	230/460	136.0	94.5	37.50
	1780	444T	G825011	C	1800	460	143.0	94.5	41.25
150	3570	445TS	G825013	C	2050	460	167.0	95.0	37.50
	1785	445T	G825014	C	2050	460	172.0	95.0	43.19
200	3570	445TS	G825016♣	C	2300	460	222.0	95.0	37.50
	1785	445T	G825017	C	2250	460	225.0	95.0	43.19
250	3570	449TS	825019.99 [ⓐ] ♣	C	2450	460	280.0	95.0	47.97
	1785	449T	825020.99 [ⓐ] ♣	C	2600	460	290.0	95.0	51.69

These explosion-proof motors are not designed for vertical mounting.

[ⓐ] Explosion-proof motors are Class I, Group D—Class II, Groups F & G.

♣ 1.0 Service Factor

SHADED FRAME INDICATES CAST IRON CONSTRUCTION

All motors are subject to availability.

DRIP-PROOF • RIGID BASE • JM PUMP

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Disc. Sym.	App. Wgt. (lbs.)	Voltage	F.L. Amps 230V	% F.L. Eff.	"C" Dim. (Inches)	Drip Cover Kit Ref.
1	1740	143JM	121850	B	29	208-230/460	3.6	77.0	13.12	B
1½	1740	145JM	121851	B	32	208-230/460	4.8	80.0	13.12	B
2	3450	145JM	121853	B	30	208-230/460	6.2	80.0	13.12	B
	1740	145JM	121852	B	37	208-230/460	6.2	81.5	14.12	B
3	3450	145JM	121854	B	35	208-230/460	8.4	84.0	13.62	B
	1760	182JM	131562	B	55	208-230/460	8.8	84.0	13.82	J
5	3450	182JM	131574	B	62	208-230/460	12.6	85.5	14.82	J
	1760	184JM	131563	B	65	208-230/460	13.4	86.0	14.82	J
7½	3450	184JM	131576	B	83	208-230/460	18.0	86.5	15.82	J
	1760	213JM	140618	B	140	208-230/460	20.0	88.5	16.88	F
10	3450	S213JM	131577	B	96	208-230/460	25.0	82.5	16.82	C
	1760	215JM	140619	B	181	208-230/460	28.0	89.5	17.88	F
15	3450	215JM	151380	C	178	208-230/460	36.0	86.8	19.84	H
	1740	254JM	151361	C	254	208-230/460	39.0	90.0	22.87	I
20	3450	254JM	151381	C	276	208-230/460	48.0	90.0	22.87	I
	1740	256JM	151362	C	312	208-230/460	50.0	91.0	24.53	I
25	3450	256JM	151382	C	318	208-230/460	62.0	89.3	24.53	I
	1740	284JM	801028	C	303	230/460	66.0	87.5	24.31	...
30	3450	284JM	801040	C	325	230/460	73.0	88.5	24.31	...
	1740	286JM	801029	C	350	230/460	79.0	89.5	25.81	...
40	3450	286JM	801041	C	337	230/460	100.0	88.5	25.81	...
	1740	324JM	801030	C	386	230/460	106.0	89.5	26.25	...
50	3450	324JM	801042	C	433	230/460	124.0	89.5	29.12	...

DRIP-PROOF • RIGID BASE • JP PUMP

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Disc. Sym.	App. Wgt. (lbs.)	Voltage	% F.L. Eff.	F.L. Amps 230V	"C" Dim. (Inches)	Drip Cover Kit Ref.
1½	1725	145JP	121846	B	35	208-230/460	80.0	4.8	16.18	A
2	1725	145JP	121847	B	39	208-230/460	81.5	6.2	17.18	A
3	3450	145JP	121849	B	37	208-230/460	84.0	8.9	16.68	A
	1725	182JP	131882*	B	52	208-230/460	80.0	10.0	16.88	E
5	3450	182JP	131884	B	55	208-230/460	82.5	13.2	17.88	E
	1725	182JP	131883	B	64	208-230/460	84.0	14.2	17.38	E
7½	3450	184JP	131885	B	78	208-230/460	84.0	18.4	18.88	E
	1760	213JP	140667	B	96	208-230/460	88.5	20.0	20.76	D
10	3450	213JP	140655	B	136	208-230/460	85.5	27.6	22.18	C
	1760	215JP	140668	B	125	208-230/460	89.5	28.0	21.76	D
15	3450	215JP	140656	B	117	208-230/460	86.5	42.0	23.68	C
	1760	254JP	801051	B	155	208-230/460	87.5	43.0	25.29	...
20	3500	254JP	801056	B	159	208-230/460	88.5	52.6	25.29	...
	1760	256JP	801052	B	210	208-230/460	88.5	56.4	27.04	...
25	3525	256JP	801057	B	166	208-230/460	89.5	66.0	27.04	...
	1760	284JP	801053	C	306	230/460	87.5	66.0	27.18	...
30	3525	284JP	801058	C	315	230/460	88.5	73.0	27.18	...
	1760	286JP	801054	C	320	230/460	89.5	79.0	28.68	...
40	3550	286JP	801059	C	360	230/460	88.5	100.0	28.68	...
	1760	324JP	801055	C	491	230/460	93.0	97.0	29.12	...
50	3550	324JP	801060	C	450	230/460	89.5	124.0	29.12	...

* F1 mounting only.

SHADED FRAME INDICATES CAST IRON CONSTRUCTION

All three phase motors, 1 HP and above, are inverter rated.

All motors are subject to availability.

TEFC • RIGID BASE

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Disc. Sym.	App. Wgt. (lbs.)	Voltage	F.L. Amps 230V	% F.L. Eff.	"C" Dim. (Inches)	Drip Cover Kit Ref.
1	1740	143JM	121855	B	30	208-230/460	3.6	77.0	14.50	B
1½	3450	143JM	121858	B	31	208-230/460	4.6	80.0	14.50	B
	1740	145JM	121856	B	35	208-230/460	4.8	80.0	14.50	B
2	3450	145JM	121859	B	33	208-230/460	6.0	80.0	14.50	B
	1740	145JM	121857	B	43	208-230/460	5.8	82.5	16.00	B
3	3450	145JM	121860	B	42	208-230/460	7.6	84.0	16.00	B
	1760	182JM	131579	B	67	230/460	8.8	84.0	15.59	D
5	3450	184JM	131580	B	72	208-230/460	12.4	85.5	15.59	D
	1760	184JM	131581	B	89	230/460	13.4	86.0	15.59	D
7½	3450	184JM	131582	B	96	208-230/460	18.4	86.5	16.59	D
	3450	S213JM	132027	B	112	208-230/460	16.8	88.5	21.96	D
	1760	215JM	140622	B	117	208-230/460	20.4	89.5	18.84	G
10	3450	S213JM	131583	B	100	208-230/460	26.2	82.5	18.59	D
	1760	215JM	140623	B	136	208-230/460	26.0	89.5	19.84	G
15	3450	215JM	140764	B	130	208-230/460	34.0	90.2	24.41	...
	3450	254JM	151567	C	245	208-230/460	35.0	90.2	23.80	...
	1760	254JM	151568	C	277	208-230/460	36.6	91.0	23.80	...
20	3450	254JM	151569	C	285	208-230/460	46.2	90.2	23.80	...
	1760	254JM	151570	C	321	208-230/460	48.2	91.0	25.50	...
25	3450	256JM	151417	C	307	208-230/460	56.4	91.0	27.00	I
	1740	284JM	151418	C	370	208-230/460	58.8	92.4	27.17	...
30	3450	284JM	151420	C	375	208-230/460	69.2	91.0	27.17	...
	1740	286JM	151422	C	428	208-230/460	69.8	92.4	28.74	...
40	3450	286JM	151424	C	400	208-230/460	93.0	91.7	28.74	...
	1740	324JM	151426	C	258	208-230/460	95.2	93.0	31.33	...

WASHGUARD • TEFC • JM PUMP

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Disc. Sym.	App. Wgt. (lbs.)	Voltage	F.L. Amps 230V	% F.L. Eff.	"C" Dim. (Inches)
1	1725	143JM	121579	B	37	208-230/460	3.1	82.5	15.75
1½	3450	143JM	121580	B	46	208-230/460	4.0	82.5	15.75
	1725	145JM	121581	B	53	208-230/460	4.4	84.0	15.75
2	3450	145JM	121582	B	47	208-230/460	5.2	84.0	15.75
	1725	145JM	121583	B	49	208-230/460	5.6	84.0	16.25
3	3450	145JM	121584	B	45	208-230/460	7.6	85.5	16.25
	1760	182JM	131967	B	79	208-230/460	8.2	87.5	16.13
5	3450	184JM	131968	B	78	208-230/460	12.0	87.5	16.13
	1760	184JM	131969	B	81	208-230/460	13.0	87.5	16.63
7½	3450	184JM	131970	B	110	208-230/460	16.8	88.5	17.63
	1740	213JM	140733	B	133	208-230/460	20.4	89.5	19.00
10	3450	215JM	140734	B	135	208-230/460	24.0	89.5	21.70
	1740	215JM	140735	B	142	208-230/460	26.0	89.5	20.00
15	3450	215JM	140736	B	150	208-230/460	36.0	90.2	21.70

SHADED FRAME INDICATES CAST IRON CONSTRUCTION

All three phase motors, 1 HP and above, are inverter rated.

All motors are subject to availability.

575 & 200-208 VOLT MOTORS

THREE PHASE



575 VOLT • TEFC • RIGID BASE

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Disc. Sym.	App. Wgt. (lbs.)	Voltage	F.L. Amps 575 V.	% F.L. Eff.	"C" Dim. (Inches)
1	1740	143T	120122	B	31	575	1.2	82.5	12.75
	1140	145T	120167	B	32	575	1.4	80.0	13.25
1½	3450	145T	120170	B	36	575	1.6	82.5	12.75
	1740	145T	120021	B	36	575	1.8	84.0	12.75
2	1140	182T	131548	B	76	575	2.5	85.5	14.96
	3450	145T	120171	B	44	575	2.1	84.0	13.25
2	1740	145T	120019	B	45	575	2.25	84.0	13.75
	1140	184T	131529	B	89	575	2.9	86.5	15.46
3	3450	145T	120423	B	50	575	3.0	85.5	13.75
	1740	182T	131460	B	74	575	3.3	87.5	13.96
5	3450	184T	131552	B	75	575	4.8	87.5	14.46
	1740	184T	131461	B	85	575	5.2	87.5	14.96
7½	3500	213T	150196	C	158	575	7.4	85.5	18.19
	1750	213T	140593	B	144	575	8.2	89.5	17.71
10	3500	215T	150197	C	172	575	9.5	85.5	19.61
	1750	215T	150212	C	186	575	9.8	86.5	19.61
15	3500	254T	150198	C	270	575	14.4	86.5	23.19
	1750	254T	150116	C	284	575	14.8	90.2	23.19
20	3500	256T	150199	C	328	575	19.2	89.5	24.92
	1750	256T	150117	C	367	575	19.2	91.7	24.92
25	3500	284TS	150224	C	402	575	24.0	90.2	24.88
	1750	284T	150118	C	390	575	24.0	91.0	26.26
30	3500	286TS	150228	C	442	575	28.0	89.5	26.46
	1750	286T	150119	C	411	575	28.0	91.0	27.83
40	3500	324TS	150232	C	554	575	36.8	91.0	28.03
	1750	324T	150120	C	548	575	36.8	91.7	29.53
50	1750	326T	150121	C	594	575	45.8	91.7	31.02
60	1750	364T	150239	C	778	575	56.0	91.7	32.64
75	1750	365T	150244	C	850	575	68.8	92.4	33.62
100	1750	405T	150253	C	1175	575	92.0	93.0	37.91

Other stock 575V motors are available from LEESON through our Canadian facility. Contact LEESON for availability.

575 VOLT • TEFC • C FACE LESS BASE

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Disc. Sym.	App. Wgt. (lbs.)	Voltage	F.L. Amps 575 V.	% F.L. Eff.	"C" Dim. (Inches)
1	1740	143TC	120176	B	32	575	1.2	82.5	12.25
1½	1740	145TC	120177	B	31	575	1.8	84.0	12.75
2	1740	145TC	120178	B	45	575	2.25	84.0	13.75
3	1740	182TC	131498	B	68	575	3.3	87.5	13.97
5	1740	184TC	131499	B	76	575	5.2	87.5	14.97

200-208 VOLT/400-416 VOLT • TEFC • RIGID BASE

HP	NEMA Frame	Catalog Number	Disc. Sym.	App. Wgt. (lbs.)	Voltage	F.L. Amps 200 V.	% F.L. Eff.	"C" Dim. (Inches)
1	143T	120047	B	32	200-208	4.4	77.0	12.75
1½	145T	120032	B	35	200-208	5.6	80.0	12.75
2	145T	120034†	B	38	200-208	7.2	81.5	12.75
3	182T	131465	B	82	200-208/400-416	10.0	84.0	12.96
5	184T	131466	B	63	200-208/400-416	15.4	86.0	13.96
7½	S213T	131467♣	B	106	200-208/400-416	23.0	87.0	17.58
10	215T	140013	B	168	200-208/400-416	29.6	87.5	18.21

All 200-208 motors have a 1.15 Service Factor, Class F insulation

† Class F insulated.

♣ 1.0 Service Factor, Class F insulation.

~ Open fan cooled design.

200-208 VOLT/400-416 VOLT DRIP-PROOF • RIGID BASE

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Disc. Sym.	App. Wgt. (lbs.)	Voltage	F.L. Amps 575 V.	% F.L. Eff.	"C" Dim. (Inches)
5	1740	184T	131500	B	62	200-208/400-416	15.4	86.0	13.19
7½	1740	S213T	131547~	B	105	200-208/400-416	22.0	84.0	17.09
10	1740	215T	140004	B	122	200-208/400-416	32.0	86.5	15.76

SHADED FRAME INDICATES CAST IRON CONSTRUCTION

All three phase motors, 1 HP and above, are inverter rated.

All 180 and 210 frame Rolled Steel motors have Class F Insulation.

All motors are subject to availability.



AGRICULTURAL & COMPRESSOR DUTY MOTORS

THREE PHASE

CATFISH POND MOTOR

C FACE WITH BASE • TEFC

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Disc. Sym.	App. Wgt. (lbs.)	Voltage	Phase	F.L. Amps 460V	"C" Dim. (Inches)
10	1740	215TC	G140709	B	169	208-230/460	3	26.0	18.71

POULTRY FEATHER PICKER MOTORS

TEFC

HP/KW	RPM 60 Hz	NEMA Frame	Catalog Number	Disc. Sym.	App. Wgt. (lbs.)	Voltage	F.L. Amps 230V	% F.L. Eff.	"C" Dim. (Inches)
2	1740	145T	G121191	B	46	208-230/460	5.6	84.0	13.75
2 [°]	1140	184TZ	G131575	B	84	230/460	7.2	86.5	15.96
2/1.5 [°]	1140	112M	G131635	B	84	230/460	7.2	86.5	15.96

- ° These motors have a 1.5 continuous duty service factor, 3 HP continuous.
- ▶ IEC frame. See page 310 for dimensions.

COMPRESSOR DUTY MOTORS

DRIP-PROOF • RIGID BASE

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Disc. Sym.	App. Wgt. (lbs.)	Voltage	F.L. Amps 230V	% F.L. Eff.	"C" Dim. (Inches)
1	1725	143T	G120010	B	30	208-230/460	3.1	82.5	11.28
1½	1725	145T	G120011	B	37	208-230/460	4.4	84.0	12.13
2	1725	145T	G120012	B	45	208-230/460	6.0	84.0	12.12
3	1740	182T	G130000	B	57	208-230/460	8.4	86.5	12.69
5	1740	184T	G130004	B	69	208-230/460	13.2	87.5	13.69
7½	1740	213T	G140471	B	144	208-230/460	20.0	88.5	15.25
10	1740	215T	G140490	B	132	208-230/460	28.0	89.5	16.75
20	1750	256T	G150006†	C	307	208-230/460	48.0	91.7	22.60

TEFC • RIGID BASE

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Disc. Sym.	App. Wgt. (lbs.)	Voltage	F.L. Amps 230V	% F.L. Eff.	"C" Dim. (Inches)
3	1740	182T	G130008	B	68	230/460	8.2	87.5	13.96
5	1740	182T	G130027	B	80	230/460	13.0	87.5	14.96
7½	1740	213T	G140578	B	144	208-230/460	20.4	89.5	17.71
10	1740	215T	G140489	B	167	208-230/460	26.0	89.5	18.71
15	1750	254T	G150066†	C	277	208-230/460	36.6	91.0	23.19
20	1750	256T	G150007†	C	321	208-230/460	48.2	91.0	24.92

- † Class F insulated.

SHADED FRAME INDICATES CAST IRON CONSTRUCTION

All motors are subject to availability.



B3 FOOT-MOUNTED METRIC MOTORS • 230/460V

ALUMINUM • IP55 • 1.15 S.F.

HP-KW	RPM 60 Hz	IEC Frame	Catalog Number	Disc. Sym.	App. Wgt. (lbs.)	Voltage	F.L. Amps 230V	% F.L. Eff.	"C" Dim. (Inches)
1-0.75	1100	D90S	192052	B	33	230/460	3.3	80.0	12.61
1 ¹ / ₂ -1.1	1700	D90S	192061	B	37	230/460	4.6	85.5	12.61
2-1.5	3425	D90S	192070	B	33	230/460	5.2	85.5	12.61
	1700	D90L	192071	B	38	230/460	5.8	84.0	12.61
3-2.2	3425	D90L	192080	B	39	230/460	7.2	86.5	12.61

CAST IRON • IP55 • 1.15 S.F.

HP-KW	RPM 60 Hz	IEC Frame	Catalog Number	Disc. Sym.	App. Wgt. (lbs.)	Voltage	F.L. Amps 230V	% F.L. Eff.	"C" Dim. (Inches)
2-1.5	1100	DF100L	193072	B	82	230/460	6.4	84.0	14.97
3-2.2	1750	DF100L	193081	B	84	230/460	8.2	87.5	14.97
	1140	DF112M	193082	B	100	230/460	9.6	87.5	15.76
4-3	3510	DF100L	193090	B	71	230/460	10.0	87.5	14.97
	1750	DF100L	193091	B	84	230/460	10.4	85.5	14.97
	1180	DF132S	193092	B	154	230/460	13.4	87.5	18.72
5 ¹ / ₂ -4	3510	DF112M	193100	B	104	230/460	13.6	87.5	15.76
	1750	DF112M	193101	B	104	230/460	15.0	87.5	15.76
	1180	DF132M	193102	B	176	230/460	17.6	87.5	20.29
7 ¹ / ₂ -5.5	3510	DF132S	193110	B	152	230/460	18.4	88.5	18.72
	1760	DF132S	193111	B	150	230/460	19.8	89.5	18.72
	1180	DF132M	193112	B	180	230/460	22.0	89.5	20.29
10-7.5	3510	DF132S	193120	B	163	230/460	24.0	89.5	18.72
	1760	DF132M	193121	B	174	230/460	26.2	89.5	20.29
	1180	DF160M	193122	C	251	230/460	27.2	89.5	23.64
15-11	3550	DF160M	193130	C	260	230/460	34.4	91.0	23.64
	1760	DF160M	193131	C	264	230/460	36.6	91.0	23.64
	1180	DF160L	193132	C	330	230/460	38.8	90.2	25.39

CAST IRON • IP55 • 1.15 S.F.

HP-KW	RPM 60 Hz	IEC Frame	Catalog Number	Disc. Sym.	App. Wgt. (lbs.)	Voltage	F.L. Amps 230V	% F.L. Eff.	"C" Dim. (Inches)
20-15	3550	DF160M	193140	C	269	230/460	47.0	91.0	23.64
	1760	DF160L	193141	C	311	230/460	47.6	91.7	25.41
	1180	DF180L	193142	C	385	230/460	51.4	90.2	27.97
25-18.5	3550	DF160L	193150	C	319	230/460	57.2	91.0	25.41
	1775	DF180M	193151	C	381	230/460	59.4	92.4	26.40
	1180	DF200L	193152	C	517	230/460	64.0	91.7	30.54
30-22	3550	DF180M	193160	C	355	230/460	68.8	91.0	26.40
	1775	DF180L	193161	C	427	230/460	71.0	93.0	27.97
	1180	DF200L	193162	C	467	230/460	76.0	91.7	30.54
40-30	3550	DF200L	193170	C	522	230/460	94.0	91.7	30.54
	1775	DF200L	193171	C	531	230/460	94.0	93.0	30.54
	1180	DF225M	193172	C	633	230/460	100.0	93.0	33.29
50-37	3550	DF200L	193180	C	546	230/460	117.0	92.4	30.54
	1775	DF225S	193181	C	632	230/460	118.0	93.0	32.31
	1180	DF250M	193182	C	655	230/460	120.0	93.0	36.61

METRIC (IEC) B5 FLANGE KITS

Includes parts to convert a B3 rigid mount motor to B5 flange mounting.

For Cast Iron Frame Motors Only (193000 Series)

These kits are for use only on IEC cast iron motors built after May, 2000. For information on kits for such motors built prior to May, 2000, contact LEESON.

	100 Frame		112 Frame		132 Frame		160 Frame		180 Frame	
	Cat. No.	App. Wgt. (lbs.)	Cat. No.	App. Wgt. (lbs.)	Cat. No.	App. Wgt. (lbs.)	Cat. No.	App. Wgt. (lbs.)	Cat. No.	App. Wgt. (lbs.)
(B5) Flange ^①	175882	13	175884	16	175886	20	175888	36	175890	43
(B5) Flange ^②	175984	13	175986	16	175988	20	175990	36	Use 175890	
	200 Frame		225 Frame							
	Cat. No.	App. Wgt. (lbs.)	Cat. No.	App. Wgt. (lbs.)						
(B5) ^② Flange	175994	58	175995	73						

^① Use with F2-mount motors – date code April 2002 and earlier.

^② Use with F3-mount motors – date code May 2002 and later.

12-lead Delta windings (160MD frame and larger) for across-the-line or wye-delta starts.

All three phase motors, 1 HP and above, are inverter rated.

All motors are subject to availability.



AC METRIC (IEC) MOTORS

THREE PHASE • RIGID BASE WITH FLANGE

B3/B5 FLANGE-MOUNTED METRIC MOTORS • 230/460V

ALUMINUM • IP55 • 1.15 S.F.

HP-KW	RPM 60 Hz	IEC Frame	Catalog Number	Disc. Sym.	App. Wgt. (lbs.)	Voltage	F.L. Amps 230V	% F.L. Eff.	"C" Dim. (Inches)
1-0.75	1100	D90SD	192056	B	35	230/460	3.3	80.0	12.60
1 1/2-1.1	1700	D90SD	192065	B	37	230/460	4.6	85.5	12.60
2-1.5	3425	D90SD	192074	B	33	230/460	5.2	85.5	12.60
	1700	D90LD	192075	B	38	230/460	5.8	84.0	12.60
3-2.2	3425	D90LD	192084	B	39	230/460	7.2	86.5	12.60

Note: Aluminum motors have removable feet for round-body applications.

12-lead Delta windings (160MD frame and larger) for across-the-line or wye-delta starts.

CAST IRON • IP55 • 1.15 S.F.

HP-KW	RPM 60 Hz	IEC Frame	Catalog Number	Disc. Sym.	App. Wgt. (lbs.)	Voltage	F.L. Amps 230V	% F.L. Eff.	"C" Dim. (Inches)
2-1.5	1100	DF100LD	193076	B	82	230/460	6.4	84.0	14.96
3-2.2	1750	DF100LD	193085	B	84	230/460	8.2	87.5	14.96
	1140	DF112MD	193086	B	100	230/460	9.6	87.5	15.75
4-3	3510	DF100LD	193094	B	71	230/460	10.0	87.5	14.96
	1750	DF100LD	193095	B	84	230/460	10.4	85.5	14.96
	1180	DF132SD	193096	B	154	230/460	13.4	87.5	18.70
5 1/2-4	3510	DF112MD	193104	B	104	230/460	13.6	87.5	15.75
	1750	DF112MD	193105	B	104	230/460	15.0	87.5	15.75
	1180	DF132MD	193106	B	176	230/460	17.6	87.5	20.28
7 1/2-5.5	3510	DF132SD	193114	B	152	230/460	18.4	88.5	18.70
	1760	DF132SD	193115	B	150	230/460	19.8	89.5	18.70
	1180	DF132MD	193116	B	180	230/460	22.0	89.5	20.28
10-7.5	3510	DF132SD	193124	B	163	230/460	24.0	89.5	18.70
	1760	DF132MD	193125	B	174	230/460	26.2	89.5	20.28
	1180	DF160MD	193126	C	251	230/460	27.2	89.5	23.62
15-11	3550	DF160MD	193134	C	260	230/460	34.4	91.0	23.62
	1760	DF160MD	193135	C	264	230/460	36.6	91.0	23.62
	1180	DF160LD	193136	C	330	230/460	38.8	90.2	25.39

12-lead Delta windings (160MD frame and larger) for across-the-line or wye-delta starts.

METRIC (IEC) B14 FACE KITS

Includes parts to convert a B3 rigid mount motor to B14 face mounting.

For Cast Iron Frame Motors Only (193000 Series)

These kits are for use only on IEC cast iron motors built after May, 2000. For information on kits for such motors built prior to May, 2000, contact LEESON.

	100 Frame		112 Frame		132 Frame		160 Frame	
	Cat. No.	App. Wgt. (lbs.)	Cat. No.	App. Wgt. (lbs.)	Cat. No.	App. Wgt. (lbs.)	Cat. No.	App. Wgt. (lbs.)
(B14) Face [ⓐ]	175883	8	175885	8	175887	12	175889	25
(B14) Face [ⓑ]	175985	8	175987	8	175989	12	175991	25

[ⓐ] Use with F2-mount motors – date code April 2002 and earlier.

[ⓑ] Use with F3-mount motors – date code May 2002 and later.

CAST IRON • IP55 • 1.15 S.F.

HP-KW	RPM 60 Hz	IEC Frame	Catalog Number	Disc. Sym.	App. Wgt. (lbs.)	Voltage	F.L. Amps 230V	% F.L. Eff.	"C" Dim. (Inches)
20-15	3550	DF160MD	193144	C	269	230/460	47.0	91.0	23.62
	1760	DF160LD	193145	C	311	230/460	47.6	91.7	25.39
	1180	DF180LD	193146	C	385	230/460	51.4	90.2	27.95
25-18.5	3550	DF160LD	193154	C	319	230/460	57.2	91.0	25.39
	1775	DF180MD	193155	C	381	230/460	59.4	92.4	26.38
30-22	3550	DF180MD	193164	C	355	230/460	68.0	91.0	26.38
	1775	DF180LD	193165	C	427	230/460	71.0	93.0	27.95

Larger HP B3 Foot-Mounted metric motors on page 77 can be converted to B3/B5 Flange-Mount by installing B5 Flange Kits.

All three phase motors, 1 HP and above, are inverter rated.

All motors are subject to availability.



B3/B14 FACE-MOUNTED METRIC MOTORS • 230/460V

ALUMINUM • IP55 • 1.15 S.F.

HP-KW	RPM 60 Hz	IEC Frame	Catalog Number	Disc. Sym.	App. Wgt. (lbs.)	Voltage	F.L. Amps 230V	% F.L. Eff.	"C" Dim. (Inches)
1-0.75	1100	D90SC	192059	B	35	230/460	3.3	80.0	12.60
1 1/2-1.1	1700	D90SC	192068	B	37	230/460	4.6	85.5	12.61
2-1.5	3425	D90SC	192077	B	33	230/460	5.2	85.5	12.61
	1700	D90LC	192078	B	38	230/460	5.8	84.0	12.61
3-2.2	3425	D90LC	192087	B	39	230/460	7.2	86.5	12.61

Note: Aluminum motors have removable feet for round-body applications.

12-lead Delta windings (160MD frame and larger) for across-the-line or wye-delta starts.

CAST IRON • IP55 • 1.15 S.F.

HP-KW	RPM 60 Hz	IEC Frame	Catalog Number	Disc. Sym.	App. Wgt. (lbs.)	Voltage	F.L. Amps 230V	% F.L. Eff.	"C" Dim. (Inches)
2-1.5	1100	DF100LC	193079	B	82	230/460	6.4	84.0	14.97
3-2.2	1750	DF100LC	193088	B	84	230/460	8.2	87.5	14.97
	1140	DF112MC	193089	B	84	230/460	9.6	87.5	15.76
4-3	3510	DF100LC	193097	B	71	230/460	10.0	87.5	14.97
	1750	DF100LC	193098	B	84	230/460	10.4	85.5	14.97
	1180	DF132SC	193099	B	154	230/460	13.4	87.5	18.72
5 1/2-4	3510	DF112MC	193107	B	104	230/460	13.6	87.5	15.76
	1750	DF112MC	193108	B	104	230/460	15.0	87.5	15.76
	1180	DF132MC	193109	B	176	230/460	17.6	87.5	20.29
7 1/2-5.5	3510	DF132SC	193117	B	152	230/460	18.4	88.5	18.72
	1760	DF132SC	193118	B	150	230/460	19.8	89.5	18.72
	1180	DF132MC	193119	B	180	230/460	22.0	89.5	20.29
10-7.5	3510	DF132SC	193127	B	163	230/460	24.0	89.5	18.72
	1760	DF132MC	193128	B	174	230/460	26.2	89.5	20.29
	1180	DF160MC	193129	C	251	230/460	27.2	89.5	23.64
15-11	3550	DF160MC	193137	C	260	230/460	34.4	91.0	23.64
	1760	DF160MC	193138	C	264	230/460	36.6	91.0	23.64
	1180	DF160LC	193139	C	330	230/460	38.8	90.2	25.41

12-lead Delta windings (160MD frame and larger) for across-the-line or wye-delta starts.

CAST IRON • IP55 • 1.15 S.F.

HP-KW	RPM 60 Hz	IEC Frame	Catalog Number	Disc. Sym.	App. Wgt. (lbs.)	Voltage	F.L. Amps 230V	% F.L. Eff.	"C" Dim. (Inches)
20-15	3550	DF160MC	193147	C	269	230/460	47.0	91.0	23.64
	1760	DF160LC	193148	C	311	230/460	47.6	91.7	25.41
25-18.5	3550	DF160LC	193157	C	319	230/460	57.2	91.0	25.41

Larger HP B3 Foot-Mounted metric motors on page 77 can be converted to B3/B14 Flange-Mount by installing B14 Face Kits

All three phase motors, 1 HP and above, are inverter rated.

All motors are subject to availability.

B3 FOOT-MOUNTED METRIC MOTORS • 575 VOLT
ALUMINUM • IP55 • 1.15 S.F.

HP-KW	RPM 60 Hz	IEC Frame	Catalog Number	Disc. Sym.	App. Wgt. (lbs.)	Voltage	F.L. Amps 575V	% F.L. Eff.	"C" Dim. (in.)
1½-1.1	1700	D90S	192134	B	37	575	1.8	84.0	12.60
2-1.5	3425	D90S	192142	B	33	575	2.1	84.0	12.60
	1700	D90L	192143	B	38	575	2.4	84.0	12.60
3-2.2	3425	D90L	192148	B	39	575	2.9	85.8	12.60

CAST IRON • IP55 • 1.15 S.F.

HP-KW	RPM 60 Hz	IEC Frame	Catalog Number	Disc. Sym.	App. Wgt. (lbs.)	Voltage	F.L. Amps 575V	% F.L. Eff.	"C" Dim. (in.)
3-2.2	1750	DF100L	193193	B	84	575	3.5	87.5	14.96
4-3	3510	DF100L	193199	B	71	575	4.0	87.5	14.96
	1750	DF100L	193200	B	84	575	4.2	87.5	14.96
5½-4	3510	DF112M	193208	B	104	575	5.0	87.5	15.75
	1750	DF112M	193209	B	104	575	5.4	87.5	15.75
7½-5.5	3510	DF132S	193217	B	152	575	7.2	88.5	18.70
	1760	DF132S	193218	B	150	575	7.9	89.5	18.70
10-7.5	3510	DF132S	193226	B	163	575	9.6	89.5	18.70
	1760	DF132M	193227	B	174	575	10.5	89.5	20.28
15-11	3550	DF160M	193235	C	260	575	13.8	90.2	23.62
	1760	DF160M	193236	C	264	575	14.6	91.0	23.62

12-lead Delta windings (160MD frame and larger) for across-the-line or wye-delta starts.

CAST IRON • IP55 • 1.15 S.F.

HP-KW	RPM 60 Hz	IEC Frame	Catalog Number	Disc. Sym.	App. Wgt. (lbs.)	Voltage	F.L. Amps 575V	% F.L. Eff.	"C" Dim. (in.)
20-15	3550	DF160M	193244	C	269	575	18.8	90.2	23.62
	1760	DF160L	193245	C	311	575	19.0	91.0	25.39
25-18.5	3550	DF160L	193253	C	319	575	22.9	91.0	25.39
	1775	DF180M	193254	C	381	575	23.8	92.4	26.38
30-22	3550	DF180M	193262	C	355	575	27.5	91.0	26.38
	1775	DF180L	193263	C	427	575	28.4	92.4	27.95
40-30	3550	DF200L	193271	C	522	575	38.4	91.7	30.51
	1775	DF200L	193272	C	531	575	37.6	93.0	30.51
50-37	3550	DF200L	193280	C	546	575	46.8	92.4	30.51
	1775	DF225S	193281	C	632	575	47.2	93.0	33.26

All three phase motors, 1 HP and above, are inverter rated.

All motors are subject to availability.



Signature Series **MOTORS**

Frames 48 - 256T

ULTIMATE E® MOTORS

Frames 284T - 449T

FOOT MOUNT

HP	SYN RPM	Frame	FL Nom Eff (%)	SF	Volts	Model Number	Product Number	Approx Shpg Wght (lbs)
1	1800	143T	82.5	1.25	230/460	SSD4P1T61	LM24116	34
	1200	145T	80.0	1.25	230/460	SSD6P1T61	LM24123	48
	900	182T	72.0	1.15	230/460	SSD8S1T61	LM24873	55
1 1/2	3600	143T	82.5	1.25	230/460	SSD2P1.5T61	LM24150	28
	1800	145T	84.0	1.25	230/460	SSD4P1.5T61	LM24101	40
	1200	182T	84.0	1.15	230/460	SSD6P1.5T61	LM24876	80
2	900	184T	77.0	1.15	230/460	SSD8S1.5T61	LM24238	88
	3600	145T	84.0	1.25	230/460	SSD2P2T61	LM24100	28
	1800	145T	84.0	1.25	230/460	SSD4P2T61	LM24082	44
3	1200	184T	85.5	1.25	230/460	SSD6P2T61	LM24237	74
	900	213T	80.0	1.15	230/460	SSD8S2T61	LM24225	106
	3600	145T	84.0	1.25	230/460	SSD2P3T61	LM24120	33
5	1800	182T	86.5	1.25	230/460	SSD4P3T61AP21	LM24177	83
	1200	213T	86.5	1.25	230/460	SSD6P3T61	LM24200	104
	900	215T	78.5	1.15	230/460	SSD8S3T61	LM24228	134
7 1/2	3600	182T	86.6	1.25	230/460	SSD2P5T61	LM24239	88
	1800	184T	87.5	1.25	230/460	SSD4P5T61AP21	LM24172	87
	1200	215T	87.5	1.25	230/460	SSD6P5T61	LM24244	135
10	900	254T	82.5	1.15	230/460	SSD8S5T61	LM24241	175
	3600	184T	87.5	1.15	230/460	SSD2P7.5T61	LM24181	88
	1800	213T	88.5	1.15	230/460	SSD4P7.5T61AP21	LM24173	121
15	1200	254T	88.5	1.25	230/460	SSD6P7.5T61	LM24214	150
	900	256T	84.0	1.15	230/460	SSD8S7.5T61	LM24243	167
	3600	213T	88.5	1.25	230/460	SSD2P10T61	LM24174	138
20	1800	215T	89.5	1.15	230/460	SSD4P10T61AP21	LM24171	138
	1200	256T	90.2	1.25	230/460	SSD6P10T61	LM24233	221
	3600	215T	90.2	1.25	230/460	SSD2P15T61	LM24178	135
25	1800	254T	91.0	1.25	230/460	SSD4P15T61	LM24175	215
	1200	284T	90.2	1.25	230/460	CCD6P15T61Y	LM29574	350
	3600	254T	91.0	1.25	230/460	SSD2P20T61	LM24187	161
30	1800	256T	91.0	1.25	230/460	SSD4P20T61	LM24179	233
	1200	286T	91.0	1.25	230/460	CCD6P20T61Y	LM29575	375
	3600	256T	91.0	1.25	230/460	SSD2P25T61	LM24184	200
40	1800	284T	91.7	1.25	230/460	CCD4P25T61Y	LM30118	348
	1800	284TS	91.7	1.25	230/460	CCD4P25TS61Y	LM29937	348
	1200	324T	91.7	1.25	230/460	SD6P25T61Y	LM13749	469
50	3600	284TS	91.0	1.25	230/460	SD2P30TS61Y	LM13954	348
	3600	284T	91.0	1.25	230/460	SD2P30T61Y	LM20099	348
	1800	286T	92.4	1.25	230/460	CCD4P30T61Y	LM29923	400
60	1800	286TS	92.4	1.25	230/460	CCD4P30TS61Y	LM29935	400
	1200	326T	92.4	1.25	230/460	SD6P30T61Y	LM13750	522

All motors are subject to availability.



ODP

208, 230/460 & 460 VOLTS • 3-PHASE
 FOOT MOUNT AND C-FACE
 1/4 TO 500 HP

FOOT MOUNT (cont'd)

HP	SYN RPM	Frame	FL Nom Eff (%)	SF	Volts	Model Number	Product Number	Approx Shpg Wght (lbs)
40	3600	286TS	91.7	1.25	230/460	SD2P40TS61Y	LM13957	389
	3600	286T	91.7	1.25	230/460	SD2P40T61Y	LM18536	389
	1800	324T	93.0	1.25	230/460	SD4P40T61Y	LM13751	469
	1800	324TS	93.0	1.25	230/460	SD4P40TS61Y	LM18540	469
	1200	364T	93.0	1.25	230/460	SD6P40T61Y	LM14804	712
50	3600	324TS	94.1	1.25	230/460	SD2B50TS61Y	LM13812	469
	3600	324TS	92.4	1.25	230/460	SD2P50TS61Y	LM13752	469
	3600	324T	92.4	1.25	230/460	SD2P50T61Y	LM20098	469
	1800	326T	93.0	1.25	230/460	SD4P50T61Y	LM12831	522
	1800	326TS	93.0	1.25	230/460	SD4P50TS61Y	LM18542	522
	1200	365T	93.0	1.25	230/460	SD6P50T61Y	LM14807	763
60	3600	326TS	93.0	1.25	230/460	SD2P60TS61Y	LM13753	522
	3600	326T	93.0	1.25	230/460	SD2P60T61Y	LM18543	522
	1800	364T	93.6	1.25	230/460	SD4P60T61Y	LM14803	712
	1800	364TS	93.6	1.25	230/460	SD4P60TS61Y	LM18725	712
	1200	404T	93.6	1.25	230/460	SD6P60T61Y	LM13934	882
75	3600	364TS	93.0	1.25	230/460	SD2P75TS61Y	LM14802	712
	3600	364T	93.0	1.25	230/460	SD2P75T61Y	LM18731	712
	1800	365T	94.1	1.25	230/460	SD4P75T61Y	LM14806	763
	1800	365TS	94.1	1.25	230/460	SD4P75TS61Y	LM18727	763
	1200	405T	93.6	1.25	230/460	SD6P75T61Y	LM13937	958
100	3600	365TS	93.0	1.25	230/460	SD2P100TS61Y	LM14805	763
	3600	365T	93.0	1.25	230/460	SD2P100T61Y	LM20096	763
	1800	404T	94.1	1.25	230/460	SD4P100T61Y	LM13933	882
	1800	404TS	94.1	1.25	230/460	SD4P100TS61Y	LM18729	882
	1200	444T	94.1	1.15	460	SD6P100T64Y	LM13754	1277
125	3600	404TS	93.6	1.25	230/460	SD2P125TS61Y	LM13932	882
	3600	404T	93.6	1.25	230/460	SD2P125T61Y	LM20097	882
	1800	405T	94.5	1.25	230/460	SD4P125T61Y	LM13936	958
	1800	405TS	94.5	1.25	230/460	SD4P125TS61Y	LM18748	958
	1200	445T	94.1	1.15	460	SD6P125T64Y	LM13755	1938
150	3600	405TS	93.6	1.25	230/460	SD2P150TS61Y	LM13935	958
	1800	444T	95.0	1.25	460	SD4P150T64Y	LM13756	1277
	1800	444TS	95.0	1.25	460	SD4P150TS64Y	LM18752	1277
	1200	445T	94.5	1.15	460	SD6P150T64Y	LM13757	1438
200	3600	444TS	94.5	1.25	460	SD2P200TS64Y	LM13758	1277
	1800	445T	95.0	1.25	460	SD4P200T64Y	LM13759	1449
	1800	445TS	95.0	1.25	460	SD4P200TS64Y	LM18724	1449
	1200	447T	94.5	1.15	460	SD6P200T64Y	LM13760	1745
	1200	449T	94.5	1.15	460	SD6P200T64Y	LM16228	2112

All motors are subject to availability.

ODP
208, 230/460 & 460 VOLTS • 3-PHASE
FOOT MOUNT AND C-FACE
1/4 TO 500 HP



C-FACE WITH FEET

HP	SYN RPM	Frame	FL Nom Eff (%)	SF	Volts	Model Number	Product Number	Approx Shpg Wght (lbs)
1/3	1800	56C	67.0	1.35	230/460	SRD4S0.33TC61	LM24277	15
1/2	3600	56C	66.0	1.25	230/460	SRD2S0.5TC61	LM24879	18
	1800	56C	70.0	1.25	230/460	SRD4S0.5TC61	LM24880	17
	1200	56C	68.0	1.25	230/460	SRD6S0.5TC61	LM24881	33
1	1800	143TC	82.5	1.25	230/460	SSD4P1TC61	LM24344	34
	1200	145TC	80.0	1.25	230/460	SSD6P1TC61	LM24886	48
1 1/2	3600	143TC	82.5	1.25	230/460	SSD2P1.5TC61	LM24888	28
	1800	145TC	84.0	1.15	230/460	SSD4P1.5TC61	LM24343	40
	1200	182TC	84.0	1.15	230/460	SSD6P1.5TC61	LM24890	80
2	3600	145TC	84.0	1.25	230/460	SSD2P2TC61	LM24892	28
	1800	145TC	84.0	1.25	230/460	SSD4P2TC61	LM24272	44
	1200	184TC	85.5	1.25	230/460	SSD6P2TC61	LM24893	74
3	3600	145TC	84.0	1.25	230/460	SSD2P3TC61	LM24895	33
	1800	182TC	86.5	1.25	230/460	SSD4P3TC61	LM24896	83
	1200	213TC	86.5	1.25	230/460	SSD6P3TC61	LM24897	104
5	3600	182TC	85.5	1.15	230/460	SSD2P5TC61	LM24898	83
	1800	184TC	87.5	1.25	230/460	SSD4P5TC61	LM24206	93
	1200	215TC	87.5	1.25	230/460	SSD6P5TC61	LM24899	135
7 1/2	3600	184TC	87.5	1.15	230/460	SSD2P7.5TC61	LM24205	105
	1800	213TC	88.5	1.25	230/460	SSD4P7.5TC61	LM24240	115
	1200	254TC	88.5	1.25	230/460	SSD6P7.5TC61	LM24900	150
10	3600	213TC	88.5	1.25	230/460	SSD2P10TC61	LM24901	138
	1800	215TC	89.5	1.25	230/460	SSD4P10TC61	LM24902	138
	1200	256TC	90.2	1.25	230/460	SSD6P10TC61	LM24903	221
15	3600	215TC	90.2	1.15	230/460	SSD2P15TC61	LM24904	135
	1800	254TC	91.0	1.25	230/460	SSD4P15TC61	LM24905	215
	1200	284TC	90.2	1.25	230/460	SD6P15TC61Y	LM17036	355
20	3600	254TC	91.0	1.25	230/460	SSD2P20TC61	LM24906	161
	1800	256TC	91.0	1.25	230/460	SSD4P20TC61	LM24907	233
	1200	286TC	90.1	1.25	230/460	CCD6P20TC61Y	LM29938	375
25	3600	256TC	91.0	1.25	230/460	SSD2P25TC61	LM24908	207
	1800	284TC	91.7	1.25	230/460	CCD4P25TC61Y	LM29580	350
	1800	284TSC	91.7	1.25	230/460	CCD4P24TSC61Y	LM29934	350
	1200	324TC	92.4	1.25	230/460	SD6P25TC61Y	LM13774	479
30	3600	284TSC	91.0	1.25	230/460	SD2P30TSC61Y	LM15548	355
	1800	286TC	92.4	1.25	230/460	CCD4P30TC61Y	LM29940	396
	1800	286TSC	92.4	1.25	230/460	CCD4P30TSC61Y	LM29578	400
	1200	326TC	92.4	1.25	230/460	SD6P30TC61Y	LM13775	532

All motors are subject to availability.



ODP

**208, 230/460 & 460 VOLTS • 3-PHASE
FOOT MOUNT AND C-FACE
1/4 TO 500 HP**

C-FACE WITH FEET (cont'd)

HP	SYN RPM	Frame	FL Nom Eff (%)	SF	Volts	Model Number	Product Number	Approx Shpg Wght (lbs)
40	3600	286TSC	91.7	1.25	230/460	SD2P40TSC61Y	LM15595	396
	1800	324TC	93.0	1.25	230/460	SD4P40TC61Y	LM13776	479
	1800	324TSC	93.0	1.25	230/460	SD4P40TSC61Y	LM16050	479
	1200	364TC	93.0	1.25	230/460	SD6P40TC61Y	LM15559	724
50	3600	324TSC	92.4	1.25	230/460	SD2P50TSC61Y	LM13777	479
	1800	326TC	93.0	1.25	230/460	SD4P50TC61Y	LM13778	532
	1800	326TSC	93.0	1.25	230/460	SD4P50TSC61Y	LM16054	532
	1200	365TC	93.0	1.25	230/460	SD6P50TC61Y	LM15561	775
60	3600	326TSC	93.0	1.25	230/460	SD2P60TSC61Y	LM13779	532
	1800	364TC	93.6	1.25	230/460	SD4P60TC61Y	LM15558	724
	1800	364TSC	93.6	1.25	230/460	SD4P60TSC61Y	LM16057	724
	1200	404TC	93.6	1.25	230/460	SD6P60TC61Y	LM17043	898
75	3600	364TSC	93.0	1.25	230/460	SD2P75TSC61Y	LM15490	724
	1800	365TC	94.1	1.25	230/460	SD4P75TC61Y	LM15560	775
	1800	365TSC	94.1	1.25	230/460	SD4P75TSC61Y	LM16061	775
	1200	405TC	93.6	1.25	230/460	SD6P75TC61Y	LM17044	974
100	3600	365TSC	93.0	1.25	230/460	SD2P100TSC61Y	LM15062	775
	1800	404TC	94.1	1.25	230/460	SD4P100TC61Y	LM17045	898
	1800	404TSC	94.1	1.25	230/460	SD4P100TSC61Y	LM18751	898
	1200	444TC	94.1	1.15	460	SD6P100TC64Y	LM13780	1298
125	3600	404TSC	93.6	1.25	230/460	SD2P125TSC61Y	LM17046	898
	1800	405TC	94.5	1.25	230/460	SD4P125TC61Y	LM17047	974
	1800	405TSC	94.5	1.25	230/460	SD4P125TSC61Y	LM18746	974
150	3600	405TSC	93.6	1.25	230/460	SD2P150TSC61Y	LM17048	974
	1800	444TC	95.0	1.25	460	SD4P150TC64Y	LM13782	1298
	1800	444TSC	95.0	1.25	460	SD4P150TSC64Y	LM18753	1298
200	3600	444TSC	94.5	1.25	460	SD2P200TSC64Y	LM13784	1298
	1800	445TC	95.0	1.25	460	SD4P200TC64Y	LM13785	1470
	1800	445TSC	95.0	1.25	460	SD4P200TSC64Y	LM18754	1470
	1200	447TC	94.5	1.15	460	SD6P200TC64Y	LM13786	1766

C-FACE FOOTLESS

HP	SYN RPM	Frame	FL Nom Eff (%)	SF	Volts	Model Number	Product Number	Approx Shpg Wght (lbs)
1	1800	143TC	77.0	1.15	230/460	SSD4S1TCN61	LM24918	27
1 1/2	1800	145TC	80.0	1.15	230/460	SSD4S1.5TCN61	LM24920	29
2	1800	145TC	81.5	1.15	230/460	SSD4S2TCN61	LM24922	35
3	3600	145TC	84.0	1.15	230/460	SSD2S3TCN61	LM24924	33
	1800	182TC	81.5	1.15	230/460	SSD4S3TCN61	LM24925	63
5	1800	184TC	85.5	1.25	230/460	SSD4S5TCN61	LM24926	84
	1800	184TC	87.5	1.25	230/460	SSD4P5TCN61	LM24234	93
7 1/2	1800	213TC	84.0	1.15	230/460	SSD4S7.5TCN61	LM24927	95
10	1800	215TC	87.5	1.15	230/460	SSD4S10TCN61	LM24928	128

All motors are subject to availability.

TEFC
208, 230/460 AND 460 VOLTS • 3-PHASE
FOOT MOUNT & C-FACE
1/4 TO 400 HP



FOOT MOUNT

HP	SYN RPM	Frame	FL Nom Eff (%)	SF	Volts	Model Number	Product Number	Approx Shpg Wght (lbs)
1	1800	143T	82.5	1.25	230/460	SSF4P1T61	LM24088	41
	1800	143T	82.5	1.25	230/460	CCN4P1T61	LM25639	56
	1200	145T	80.0	1.25	230/460	SSF6P1T61	LM24092	34
	900	182T	70.0	1.15	230/460	AAF8S1T61	LM01260	64
1 1/2	3600	143T	82.5	1.25	230/460	SSF2P1.5T61	LM24119	32
	1800	145T	84.0	1.25	230/460	SSF4P1.5T61	LM24091	45
	1800	145T	84.0	1.15	230/460	CCN4P1.5T61	LM24164	62
	1200	182T	85.5	1.25	230/460	AAF6P1.5T61	LM15636	83
	1200	182T	85.5	1.15	230/460	SSF6P1.5T61	LM24933	54
	900	184T	72.0	1.15	230/460	AAF8S1.5T61	LM01301	71
2	3600	145T	84.0	1.25	230/460	SSF2P2T61	LM24089	31
	1800	145T	85.5	1.25	230/460	SSF4P2T61	LM24090	41
	1800	145T	84.0	1.25	230/460	CCF4P2T61	LM24115	57
	1200	184T	86.5	1.25	230/460	AAF6P2T61	LM15639	92
	1200	184T	86.5	1.15	230/460	SSF6P2T61	LM24934	72
	900	213T	75.5	1.15	230/460	AF8S2T61	LM01423	101
3	3600	182T	85.5	1.15	230/460	SSF2P3T61	LM24936	64
	3600	182T	85.5	1.25	230/460	AAF2P3T61	LM15634	83
	1800	182T	87.5	1.25	230/460	AAF4P3T61	LM15635	83
	1800	182T	87.5	1.15	230/460	SSF4P3T61	LM24937	77
	1800	182T	87.5	1.25	230/460	CCF4P3T61AP21	LM24189	90
	1800	182T	87.5	1.25	230/460	AAF4P3T61AP23	LM70001	60
	1200	213T	87.5	1.25	230/460	AF6P3T61	LM16018	127
	1200	213T	87.5	1.15	230/460	SSF6P3T61	LM24938	125
	900	215T	77.0	1.15	230/460	AF8S3T61	LM30262	119
	5	3600	184T	87.5	1.25	230/460	AAF2P5T61	LM15637	92
1800		184T	87.5	1.25	230/460	AAF4P5T61	LM15638	92
1800		184T	87.5	1.15	230/460	SSF4P5T61	LM24940	85
1800		184T	87.5	1.25	230/460	AAF4P5T61AP23	LM70002	75
1200		215T	87.5	1.25	230/460	AF6P5T61	LM16021	138
1200		215T	87.5	1.15	230/460	SSF6P5T61	LM24941	140
900		254T	81.5	1.15	230/460	AF8S5T61	LM30568	159
7 1/2		3600	G213T	88.5	1.25	230/460	AF2P7.5T61	LM16016	127
	3600	213T	89.5	1.15	230/460	SSF2P7.5T61	LM24942	109
	1800	213T	89.5	1.25	230/460	AF4P7.5T61	LM16017	127
	1800	213T	89.5	1.15	230/460	SSF4P7.5T61	LM24943	115
	1800	213T	89.5	1.25	230/460	AAF4P7.5T61AP23	LM70003	110
	1200	254T	89.5	1.25	230/460	AAF6P7.5T61	LM15660	209
	900	256T	82.5	1.15	230/460	AF8S7.5T61	LM30120	195
	10	3600	G215T	89.5	1.25	230/460	AF2P10T61	LM16019	138
3600		215T	89.5	1.15	230/460	SSF2P10T61	LM24944	126
1800		215T	89.5	1.25	230/460	AAF4P10T61	LM16020	138
1800		215T	91.0	1.15	230/460	SSF4P10T61	LM24945	135
1800		215T	89.5	1.25	230/460	AAF4P1061AP23	LM70004	125
1200		256T	89.5	1.25	230/460	AAF6P10T61	LM15663	236
15	3600	G254T	90.2	1.25	230/460	AAF2P15T61	LM15658	209
	1800	254T	91.0	1.25	230/460	AF4P15T61	LM15659	209
	1200	284T	90.2	1.25	230/460	AF6P15T61Y	LM13950	363
20	3600	256T	90.2	1.25	230/460	AAF2P20T61	LM15661	236
	1800	256T	91.0	1.25	230/460	AAF4P20T61	LM15662	236
	1200	286T	90.2	1.25	230/460	AF6P20T61Y	LM13953	408
25	3600	284TS	91.0	1.25	230/460	AF2P25TS61Y	LM13948	363
	3600	284T	91.0	1.25	230/460	AF2P25T61Y	LM18899	363
	1800	284T	92.4	1.25	230/460	AF4P25T61Y	LM13949	363
	1800	284TS	92.4	1.25	230/460	AF4P25TS61Y	LM20258	363
	1200	324T	91.7	1.25	230/460	SF6P25T61Y	LM13540	504

All motors are subject to availability.



TEFC

208, 230/460 AND 460 VOLTS • 3-PHASE
 FOOT MOUNT & C-FACE
 1/4 TO 400 HP

FOOT MOUNT (cont'd)

HP	SYN RPM	Frame	FL Nom Eff (%)	SF	Volts	Model Number	Product Number	Approx Shpg Wght (lbs)
30	3600	286TS	91.0	1.25	230/460	AF2P30TS61Y	LM13951	408
	3600	286T	91.0	1.25	230/460	AF2P30T61Y	LM18902	408
	1800	286T	92.4	1.25	230/460	AF4P30T61Y	LM13952	408
	1800	286TS	92.4	1.25	230/460	AF4P30TS61Y	LM20263	408
	1200	326T	91.7	1.25	230/460	SF6P30T61Y	LM13541	570
40	3600	324TS	91.7	1.25	230/460	SF2P40TS61Y	LM13542	504
	3600	324T	91.7	1.25	230/460	SF2P40T61Y	LM18395	504
	1800	324T	93.0	1.25	230/460	SF4P40T61Y	LM13543	504
	1800	324TS	93.0	1.25	230/460	SF4P40TS61Y	LM18394	504
	1200	364T	93.0	1.15	230/460	SF6P40T61Y	LM14798	765
50	3600	326TS	92.4	1.25	230/460	SF2P50TS61Y	LM13544	558
	3600	326T	92.4	1.25	230/460	SF2P50T61Y	LM18397	558
	1800	326T	93.0	1.25	230/460	SF4P50T61Y	LM13545	558
	1800	326TS	93.0	1.25	230/460	SF4P50TS61Y	LM17556	558
	1200	365T	93.0	1.25	230/460	SF6P50T61Y	LM14801	822
60	3600	364TS	93.0	1.25	230/460	SF2P60TS61Y	LM13904	765
	3600	364T	93.0	1.25	230/460	SF2P60T61Y	LM20276	765
	1800	364T	93.6	1.25	230/460	SF4P60T61Y	LM14797	765
	1800	364TS	93.6	1.25	230/460	SF4P60TS61Y	LM18398	765
	1200	404T	93.6	1.15	230/460	SF6P60T61Y	LM13928	918
75	3600	365TS	93.0	1.25	230/460	SF2P75TS61Y	LM14799	822
	3600	365T	93.0	1.25	230/460	SF2P75T61Y	LM20189	822
	1800	365T	94.1	1.25	230/460	SF4P75T61Y	LM14800	822
	1800	365TS	94.1	1.25	230/460	SF4P75TS61Y	LM18399	822
	1200	405T	93.6	1.15	230/460	SF6P75T61Y	LM13931	1002
100	3600	405TS	93.6	1.15	230/460	SF2P100TS61Y	LM13929	1002
	3600	405T	93.6	1.15	230/460	SF2P100T61Y	LM20286	1002
	1800	405T	94.5	1.15	230/460	SF4P100T61Y	LM13930	1002
	1800	405TS	94.5	1.15	230/460	SF4P100TS61Y	LM20284	1002
	1200	444T	94.1	1.15	460	SF6P100T64Y	LM13546	1351
125	3600	444TS	94.5	1.15	460	SF2P125TS64Y	LM13547	1351
	1800	444T	94.5	1.15	460	SF4P125T64Y	LM13548	1351
	1800	444TS	94.5	1.15	460	SF4P125TS64Y	LM22760	1351
	1200	445T	94.1	1.15	460	SF6P125T64Y	LM13549	1504
150	3600	445TS	94.5	1.15	460	SF2P150TS64Y	LM13550	1531
	1800	445T	95.0	1.15	460	SF4P150T64Y	LM13551	1504
	1800	445TS	95.0	1.15	460	SF4P150TS64Y	LM16158	1504
	1200	447T	95.0	1.15	460	SF6P150T64Y	LM16221	1812
	1200	445T	95.0	1.15	460	SF6P150T64Y	LM13552	1504
200	3600	447TS	95.0	1.15	460	SF2P200TS64Y	LM16219	1812
	3600	445TS	95.0	1.15	460	SF2P200TS64Y	LM13553	1504
	1800	447T	95.0	1.15	460	SF4P200T64Y	LM16220	1812
	1800	445T	95.0	1.15	460	SF4P200T64Y	LM13554	1504
	1800	445TS	95.0	1.15	460	SF4P200TS64Y	LM15941	1504
	1200	447T	95.0	1.15	460	SF6P200T64Y	LM13555	1812

All motors are subject to availability.

TEFC
208, 230/460 AND 460 VOLTS • 3-PHASE
FOOT MOUNT & C-FACE
1/4 TO 400 HP



C-FACE WITH FEET

HP	SYN RPM	Frame	FL Nom Eff (%)	SF	Volts	Model Number	Product Number	Approx Shpg Wght (lbs)
1	1800	143TC	82.5	1.25	230/460	SSF4P1TC61	LM24085	41
	1200	145TC	80.0	1.25	230/460	SSF6P1TC61	LM24122	47
	900	182TC	70.0	1.15	230/460	AAF8S1TC61	LM01263	68
1 1/2	3600	143TC	82.5	1.25	230/460	SSF2P1.5TC61	LM24950	41
	1800	145TC	84.0	1.25	230/460	SSF4P1.5TC61	LM24086	44
	1200	182TC	85.5	1.25	230/460	AAF6P1.5TC61	LM13662	85
	1200	182TC	85.5	1.15	230/460	SSF6P1.5TC61	LM24951	54
	900	184TC	72.0	1.15	230/460	AAF8S1.5TC61	LM01304	75
2	3600	145TC	84.0	1.25	230/460	SSF2P2TC61	LM24113	40
	1800	145TC	85.5	1.25	230/460	SSF4P2TC61	LM24087	46
	1200	184TC	86.5	1.25	230/460	AAF6P2TC61	LM13665	104
	1200	184TC	86.5	1.15	230/460	SSF6P2TC61	LM24952	56
	900	213TC	75.5	1.15	230/460	AAF8S2TC61	LM31433	107
3	3600	182TC	85.5	1.25	230/460	AAF2P3TC61	LM13666	95
	1800	182TC	87.5	1.25	230/460	AAF4P3TC61	LM13667	95
	1800	182TC	87.5	1.15	230/460	AAF4P3TC61AP23	LM71001	60
	1200	213TC	87.5	1.25	230/460	AF6P3TC61	LM13668	138
	1200	213TC	87.5	1.15	230/460	SSF6P3TC61	LM24956	90
	900	215TC	77.0	1.15	230/460	AF8S3TC61	LM01475	125
5	3600	184TC	87.5	1.25	230/460	AAF2P5TC61	LM13669	104
	1800	184TC	87.5	1.25	230/460	AAF4P5TC61	LM13744	104
	1800	184TC	87.5	1.15	230/460	AAF4P5TC61AP23	LM71002	75
	1200	215TC	87.5	1.25	230/460	AF6P5TC61	LM13800	149
	1200	215TC	87.5	1.15	230/460	SSF6P5TC61	LM24959	115
	900	254TC	81.5	1.15	230/460	AF8S5TC61	LM01569	167
7 1/2	3600	G213TC	88.5	1.25	230/460	AF2P7.5TC61	LM13835	138
	3600	213TC	89.5	1.15	230/460	SSF2P7.5TC61	LM24960	118
	1800	213TC	89.5	1.25	230/460	AF4P7.5TC61	LM16240	138
	1800	213TC	89.5	1.15	230/460	SSF4P7.5TC61	LM24961	135
	1800	213TC	89.5	1.15	230/460	AAF4P7.5TC61AP23	LM71003	110
	1200	254TC	89.5	1.25	230/460	AAF6P7.5TC61	LM16241	221
	900	256TC	82.5	1.15	230/460	AF8S7.5TC61	LM01614	203
10	3600	G215TC	89.5	1.25	230/460	AF2P10TC61	LM16242	149
	3600	215TC	89.5	1.15	230/460	SSF2P10TC61	LM24962	125
	1800	215TC	89.5	1.25	230/460	AF4P10TC61	LM16243	149
	1800	215TC	91.0	1.15	230/460	SSF4P10TC61	LM24963	135
	1800	215TC	89.5	1.15	230/460	AAF4P10TC61AP23	LM71004	125
	1200	256TC	89.5	1.25	230/460	AAF6P10TC61	LM16244	248
15	3600	G254TC	90.2	1.25	230/460	AAF2P15TC61	LM16245	221
	1800	254TC	91.0	1.25	230/460	AAF4P15TC61	LM16246	247
	1200	284TC	90.2	1.25	230/460	AF6P15TC61Y	LM16247	370
20	3600	256TC	90.2	1.25	230/460	AF2P20TC61	LM16248	248
	1800	256TC	91.0	1.25	230/460	AF4P20TC61	LM16249	284
	1200	286TC	90.2	1.25	230/460	AF6P20TC61Y	LM16250	415
25	3600	284TSC	91.0	1.25	230/460	AF2P25TSC61Y	LM16251	370
	1800	284TC	92.4	1.25	230/460	AF4P25TC61Y	LM16252	370
	1800	284TSC	92.4	1.25	230/460	AF4P25TSC61Y	LM18897	370
	1200	324TC	91.7	1.25	230/460	SF6P25TC61Y	LM13566	514

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TEFC

208, 230/460 AND 460 VOLTS • 3-PHASE
 FOOT MOUNT & C-FACE
 1/4 TO 400 HP

C-FACE WITH FEET (cont'd)

HP	SYN RPM	Frame	FL Nom Eff (%)	SF	Volts	Model Number	Product Number	Approx Shpg Wght (lbs)
30	3600	286TSC	91.0	1.25	230/460	AF2P30TSC61Y	LM16253	415
	1800	286TC	92.4	1.25	230/460	AF4P30TC61Y	LM16254	415
	1800	286TSC	92.4	1.25	230/460	AF4P30TSC61Y	LM18907	415
	1200	326TC	91.7	1.25	230/460	SF6P30TC61Y	LM13567	580
40	3600	324TSC	91.7	1.25	230/460	SF2P40TSC61Y	LM13568	514
	1800	324TC	93.0	1.25	230/460	SF4P40TC61Y	LM13569	514
	1800	324TSC	93.0	1.25	230/460	SF4P40TSC61Y	LM16052	514
	1200	364TC	93.0	1.15	230/460	SF6P40TC61Y	LM15554	777
50	3600	326TSC	92.4	1.25	230/460	SF2P50TSC61Y	LM13570	568
	1800	326TC	93.0	1.25	230/460	SF4P50TC61Y	LM13571	568
	1800	326TSC	93.0	1.25	230/460	SF4P50TSC61Y	LM16055	568
	1200	365TC	93.0	1.25	230/460	SF6P50TC61Y	LM15557	834
60	3600	364TSC	93.0	1.25	230/460	SF2P60TSC61Y	LM15552	777
	1800	364TC	93.6	1.25	230/460	SF4P60TC61Y	LM15553	777
	1800	364TSC	93.6	1.25	230/460	SF4P60TSC61Y	LM16059	777
	1200	404TC	93.6	1.15	230/460	SF6P60TC61Y	LM13654	934
75	3600	365TSC	93.0	1.25	230/460	SF2P75TSC61Y	LM15555	834
	1800	365TC	94.1	1.25	230/460	SF4P75TC61Y	LM15556	834
	1800	365TSC	94.1	1.25	230/460	SF4P75TSC61Y	LM16063	834
	1200	405TC	93.6	1.15	230/460	SF6P75TC61Y	LM13655	1018
100	3600	405TSC	93.6	1.15	230/460	SF2P100TSC61Y	LM13656	1018
	1800	405TC	94.5	1.15	230/460	SF4P100TC61Y	LM13657	1018
	1800	405TSC	94.5	1.15	230/460	SF4P100TSC61Y	LM20285	1018
	1200	444TC	94.1	1.15	460	SF6P100TC64Y	LM13572	1372
125	3600	444TSC	94.5	1.15	460	SF2P125TSC64Y	LM13573	1372
	1800	444TC	94.5	1.15	460	SF4P125TC64Y	LM13574	1372
	1800	444TSC	94.5	1.15	460	SF4P125TSC64Y	LM20291	1372
	1200	445TC	94.1	1.15	460	SF6P125TC64Y	LM13575	1525
150	3600	445TSC	94.5	1.15	460	SF2P150TSC64Y	LM13576	1525
	1800	445TC	95.0	1.15	460	SF4P150TC64Y	LM13577	1525
	1800	445TSC	95.0	1.15	460	SF4P150TSC64Y	LM20642	1525
	1200	445TC	95.0	1.15	460	SF6P150TC64Y	LM13578	1525
200	3600	445TSC	95.0	1.15	460	SF2P200TSC64Y	LM13579	1525
	1800	445TC	95.0	1.15	460	SF4P200TC64Y	LM13580	1525
	1800	445TSC	95.0	1.15	460	SF4P200TSC64Y	LM20300	1525

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TEFC
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FOOT MOUNT & C-FACE
1/4 TO 400 HP



C-FACE FOOTLESS

HP	SYN RPM	Frame	FL Nom Eff (%)	SF	Volts	Model Number	Product Number	Approx Shpg Wght (lbs)
1	1800	143TC	77.0	1.15	230/460	SSF4S1TCN61	LM24968	28
	1200	145TC	77.0	1.15	230/460	SSF6S1TCN61	LM24969	33
1 1/2	3600	143TC	80.0	1.15	230/460	SSF2S1.5TCN61	LM24970	27
	1800	145TC	84.0	1.25	230/460	SSF4P1.5TCN61	LM24149	31
	1800	145TC	80.0	1.15	230/460	SSF4S1.5TCN61	LM24971	31
	1200	182TC	75.5	1.15	230/460	SSF6S1.5TCN61	LM24972	69
2	3600	145TC	80.0	1.15	230/460	SSF2S2TCN61	LM24973	30
	1800	145TC	82.5	1.15	230/460	SSF4S2TCN61	LM24260	39
3	3600	145TC	84.0	1.15	230/460	SSF2S3TCN61	LM24976	40
	1800	145TC	84.0	1.15	230/460	SSF4S3TCN61	LM24978	50
	1800	182TC	82.5	1.15	230/460	SSF4S3TCN61	LM24979	76
	1200	213TC	80.0	1.15	230/460	SSF6S3TCN61	LM24980	75
5	3600	184TC	84.0	1.15	230/460	SSF2S5TCN61	LM24981	79
	1800	184TC	86.5	1.15	230/460	SSF4S5TCN61	LM24982	92
	1200	215TC	84.0	1.15	230/460	SSF6S5TCN61	LM24983	80
7 1/2	3600	184TC	85.5	1.15	230/460	SSF2S7.5TCN61	LM24984	100
	3600	213TC	84.0	1.15	230/460	SSF2S7.5TCN61	LM24985	80
	1800	213TC	87.5	1.15	230/460	SSF4S7.5TCN61	LM24986	103
10	3600	215TC	86.5	1.15	230/460	SSF2S10TCN61	LM24987	102
	1800	215TC	88.5	1.15	230/460	SSF4S10TCN61	LM24988	135
15	3600	215TC	88.5	1.15	230/460	SSF2S15TCN61	LM24989	125

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TEFC CAST IRON
208, 230/460 VOLTS • 3-PHASE
FOOT MOUNT & C-FACE
1 TO 400 HP

FOOT MOUNT

HP	SYN RPM	Frame	FL Nom Eff (%)	SF	Volts	Model Number	Product Number	Approx Shpg Wght (lbs)
1	1800	143T	82.5	1.25	230/460	CCN4P1T61	LM25639	56
	1200	145T	80.0	1.15	230/460	CCN6P1T61	LM24167	57
1 1/2	3600	143T	86.5	1.25	230/460	CCN2P1.5T61	LM25631	54
	1800	145T	84.0	1.15	230/460	CCN4P1.5T61	LM24164	62
	1200	182T	85.5	1.25	230/460	CCF6P1.5T61	LM25633	89
2	3600	145T	84.0	1.15	230/460	CCN2P2T61	LM24157	65
	1800	145T	84.0	1.25	230/460	CCF4P2T61	LM24115	57
	1200	184T	86.5	1.25	230/460	CCF6P2T61	LM24224	126
3	3600	182T	86.5	1.25	230/460	CCF2P3T61	LM25634	84
	1800	182T	87.5	1.25	230/460	CCF4P3T61AP21	LM24189	90
	1200	213T	87.5	1.25	230/460	CCF6P3T61	LM24230	154
5	3600	184T	87.5	1.25	230/460	CCF2P5T61	LM24188	108
	1800	184T	87.5	1.25	230/460	CCF4P5T61AP21	LM24180	123
	1200	215T	88.5	1.25	230/460	CCF6P5T61	LM24242	174
7 1/2	3600	213T	88.5	1.25	230/460	CCF2P7.5T61	LM24198	188
	1800	213T	89.5	1.25	230/460	CCF4P7.5T61AP21	LM24183	194
	1200	254T	89.5	1.25	230/460	CCF6P7.5T61	LM25635	300
10	3600	215T	89.5	1.25	230/460	CCF2P10T61	LM24201	217
	1800	215T	89.5	1.15	230/460	CCF4P10T61AP21	LM24185	227
	1200	256T	89.5	1.25	230/460	CCF6P10T61	LM25636	393
15	3600	254T	90.2	1.25	230/460	CCF2P15T61	LM24191	370
	1800	254T	91.0	1.25	230/460	CCF4P15T61AP21	LM24182	365
	1200	284T	90.2	1.15	230/460	CCF6P15T61Y	LM15787	485
20	3600	256T	90.2	1.15	230/460	CCF2P20T61	LM24196	334
	1800	256T	91.0	1.15	230/460	CCF4P20T61AP21	LM24186	420
	1200	286T	90.2	1.15	230/460	CCF6P20T61Y	LM15790	510
25	3600	284TS	91.0	1.15	230/460	CCF2P25TS61Y	LM15785	384
	1800	284T	92.4	1.15	230/460	CCF4P25T61Y	LM15786	440
	1200	324T	91.7	1.15	230/460	CCF6P25T61Y	LM19546	565
30	3600	286TS	91.0	1.15	230/460	CCF2P30TS61Y	LM15788	428
	1800	286T	92.4	1.15	230/460	CCF4P30T61Y	LM15789	494
	1200	326T	91.7	1.15	230/460	CCF6P30T61Y	LM19545	633
40	3600	324TS	91.7	1.15	230/460	CCF2P40TS61Y	LM19547	540
	1800	324T	93.0	1.15	230/460	CCF4P40T61Y	LM27812	575
	1200	364T	93.0	1.15	230/460	CCF6P40T61Y	LM19549	799
50	3600	326TS	93.0	1.15	230/460	CCF2P50TS61Y	LM19550	581
	1800	326T	93.6	1.15	230/460	CCF4P50T61Y	LM27810	630
	1200	365T	93.0	1.25	230/460	CCF6P50T61Y	LM19552	1063
60	3600	364TS	93.0	1.15	230/460	CCF2P60TS61Y	LM19553	936
	1800	364T	93.6	1.15	230/460	CCF4P60T61Y	LM19554	920
	1200	404T	93.6	1.15	230/460	CCF6P60T61Y	LM19555	1227
75	3600	365TS	93.6	1.15	230/460	CCF2P75TS61Y	LM19556	1001
	1800	365T	94.1	1.15	230/460	CCF4P75T61Y	LM19557	1088
	1200	405T	94.5	1.15	230/460	CCF6P75T61Y	LM19558	1289

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TEFC CAST IRON
208, 230/460 VOLTS • 3-PHASE
FOOT MOUNT & C-FACE
1 TO 400 HP



FOOT MOUNT (cont'd)

HP	SYN RPM	Frame	FL Nom Eff (%)	SF	Volts	Model Number	Product Number	Approx Shpg Wght (lbs)
100	3600	405TS	94.1	1.15	230/460	CCF2P100TS61Y	LM19559	1296
	1800	405T	94.5	1.15	230/460	CCF4P100T61Y	LM19560	1338
	1200	444T	94.1	1.15	460	CCF6P100T64Y	LM19561	1874
125	3600	444TS	94.5	1.15	460	CCF2P125TS64Y	LM19562	1874
	1800	444T	94.5	1.15	460	CCF4P125T64Y	LM19563	1874
	1200	445T	94.1	1.15	460	CCF6P125T64Y	LM19564	2042
150	3600	445TS	95.0	1.15	460	CCF2P150TS64Y	LM19565	2099
	1800	445T	95.0	1.15	460	CCF4P150T64Y	LM19566	2116
	1200	445T	95.0	1.15	460	CCF6P150T64Y	LM19567	2042
200	3600	445TS	95.0	1.15	460	CCF2P200TS64Y	LM19568	2332
	1800	445T	95.4	1.15	460	CCF4P200T64Y	LM19569	2305
	1200	449T	95.0	1.15	460	CCF6P200T64Y	LM19570	3087

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TEFC CAST IRON
208, 230/460 VOLTS • 3-PHASE
FOOT MOUNT & C-FACE
1 TO 400 HP

C-FACE WITH FEET

HP	SYN RPM	Frame	FL Nom Eff (%)	SF	Volts	Model Number	Product Number	Approx Shpg Wght (lbs)
1	1800	143TC	82.5	1.25	230/460	CCN4P1TC61	LM16255	59
	1200	145TC	80.0	1.25	230/460	CCN6P1TC61	LM16256	59
1 1/2	3600	143TC	82.5	1.25	230/460	CCN2P1.5TC61	LM16257	62
	1800	145TC	84.0	1.15	230/460	CCN4P1.5TC61	LM16258	66
	1200	182TC	85.5	1.25	230/460	CCF6P1.5TC61	LM16259	93
2	3600	145TC	84.0	1.15	230/460	CCN2P2TC61	LM16260	71
	1800	145TC	84.0	1.25	230/460	CCF4P2TC61	LM16261	63
	1200	184TC	86.5	1.25	230/460	CCF6P2TC61	LM16262	132
3	3600	182TC	86.5	1.25	230/460	CCF2P3TC61	LM16263	88
	1800	182TC	87.5	1.25	230/460	CCF4P3TC61	LM16264	95
	1200	213TC	87.5	1.25	230/460	CCF6P3TC61	LM16265	182
5	3600	184TC	87.5	1.25	230/460	CCF2P5TC61	LM16266	113
	1800	184TC	87.5	1.25	230/460	CCF4P5TC61	LM16267	129
	1200	215TC	87.5	1.25	230/460	CCF6P5TC61	LM16268	213
7 1/2	3600	213TC	88.5	1.25	230/460	CCF2P7.5TC61	LM16269	197
	1800	213TC	89.5	1.25	230/460	CCF4P7.5TC61	LM16270	204
	1200	254TC	89.5	1.25	230/460	CCF6P7.5TC61	LM16271	315
10	3600	215TC	89.5	1.25	230/460	CCF2P10TC61	LM16272	228
	1800	215TC	91.0	1.15	230/460	CCF4P10TC61	LM16273	238
	1200	256TC	89.5	1.25	230/460	CCF6P10TC61	LM16274	413
15	3600	254TC	90.2	1.25	230/460	CCF2P15TC61	LM16275	509
	1800	254TC	91.0	1.25	230/460	CCF4P15TC61	LM16276	389
	1200	284TC	90.2	1.15	230/460	CCF6P15TC61Y	LM16277	383
20	3600	256TC	90.2	1.15	230/460	CCF2P20TC61	LM16278	536
	1800	256TC	91.0	1.15	230/460	CCF4P20TC61	LM16279	351
	1200	286TC	90.2	1.25	230/460	CCF6P20TC61Y	LM16280	504
25	3600	284TSC	91.0	1.15	230/460	CCF2P25TSC61Y	LM16281	400
	1800	284TC	92.4	1.25	230/460	CCF4P25TC61Y	LM16282	460
30	3600	286TSC	91.0	1.15	230/460	CCF2P30TSC61Y	LM16283	290
	1800	286TC	92.5	1.15	230/460	CCF4P30TC61Y	LM16284	455
40	3600	324TSC	91.7	1.15	230/460	CCF2P40TSC61Y	LM19583	567
	1800	324TC	93.0	1.15	230/460	CCF4P40TC61Y	LM19584	515
50	3600	326TSC	93.0	1.15	230/460	CCF2P50TSC61Y	LM19585	610
	1800	326TC	93.6	1.15	230/460	CCF4P50TC61Y	LM19586	610
60	3600	364TSC	93.0	1.15	230/460	CCF2P60TSC61Y	LM16287	983
	1800	364TC	93.6	1.25	230/460	CCF4P60TC61Y	LM16288	989
75	3600	365TSC	93.6	1.15	230/460	CCF2P75TSC61Y	LM16290	1051
	1800	365TC	94.1	1.15	230/460	CCF4P75TC61Y	LM16291	1030
100	1800	405TC	94.5	1.15	230/460	CCF4P100TC61Y	LM16294	1270

All motors are subject to availability.

TEFC SEVERE DUTY
208, 230/460 & 460 VOLTS • 3-PHASE
FOOT MOUNT & C-FACE
1 TO 800 HP



FOOT MOUNT

HP	SYN RPM	Frame	FL Nom Eff (%)	SF	Volts	Model Number	Product Number	Approx Shpg Wght (lbs)
1	1800	143T	82.5	1.25	230/460	CCS4P1T61	LM16484	59
	1200	145T	80.0	1.25	230/460	CCS6P1T61	LM16485	83
1 1/2	3600	143T	82.5	1.25	230/460	CCS2P1.5T61	LM16486	74
	1800	145T	84.0	1.25	230/460	CCS4P1.5T61	LM16488	80
	1200	182T	85.5	1.25	230/460	CCS6P1.5T61	LM16490	140
2	3600	145T	84.0	1.25	230/460	CCS2P2T61	LM16492	85
	1800	145T	84.0	1.25	230/460	CCS4P2T61	LM16493	83
	1200	184T	86.5	1.25	230/460	CCS6P2T61	LM16494	133
3	3600	182T	86.5	1.25	230/460	CCS2P3T61	LM16495	140
	1800	182T	87.5	1.25	230/460	CCS4P3T61	LM16496	140
	1200	213T	87.5	1.25	230/460	CCS6P3T61	LM16497	188
5	3600	184T	87.5	1.25	230/460	CCS2P5T61	LM16498	133
	1800	184T	87.5	1.25	230/460	CCS4P5T61	LM16499	150
	1200	215T	87.5	1.25	230/460	CCS6P5T61	LM16500	205
7 1/2	3600	213T	88.5	1.25	230/460	CCS2P7.5T61	LM16501	162
	1800	213T	89.5	1.25	230/460	CCS4P7.5T61	LM16502	225
	1200	254T	89.5	1.25	230/460	CCS6P7.5T61	LM16503	335
10	3600	215T	89.5	1.25	230/460	CCS2P10T61	LM16504	205
	1800	215T	91.0	1.15	230/460	CCS4P10T61	LM16505	205
	1200	256T	89.5	1.25	230/460	CCS6P10T61	LM16506	378
15	3600	254T	90.2	1.25	230/460	CCS2P15T61	LM16507	335
	1800	254T	91.0	1.25	230/460	CCS4P15T61	LM16508	335
	1200	284T	90.2	1.25	230/460	CCS6P15T61Y	LM16509	531
20	3600	256T	90.2	1.15	230/460	CCS2P20T61	LM16510	378
	1800	256T	91.0	1.15	230/460	CCS4P20T61	LM16511	378
	1200	286T	90.2	1.25	230/460	CCS6P20T61Y	LM16512	571
25	3600	284TS	91.0	1.25	230/460	CCS2P25TS61Y	LM16513	531
	1800	284T	92.4	1.25	230/460	CCS4P25T61Y	LM16514	531
	1200	324T	91.7	1.25	230/460	CCS6P25T61Y	LM16082	701
30	3600	286TS	91.0	1.25	230/460	CCS2P30TS61Y	LM16516	571
	1800	286T	92.5	1.25	230/460	CCS4P30T61Y	LM16517	571
	1200	326T	91.7	1.25	230/460	CCS6P30T61Y	LM16088	835
40	3600	324TS	91.7	1.25	230/460	CCS2P40TS61Y	LM16084	701
	1800	324T	93.0	1.25	230/460	CCS4P40T61Y	LM27814	701
	1200	364T	93.0	1.25	230/460	CCS6P40T61Y	LM16523	1066
50	3600	326TS	93.0	1.25	230/460	CCS2P50TS61Y	LM16090	835
	1800	326T	93.6	1.25	230/460	CCS4P50T61Y	LM27816	835
	1200	365T	93.0	1.25	230/460	CCS6P50T61Y	LM15484	1132
60	3600	364TS	94.1	1.25	230/460	CCS2P60TS61Y	LM15478	1053
	1800	364T	94.1	1.25	230/460	CCS4P60T61Y	LM15479	1053
	1200	404T	93.6	1.15	230/460	CCS6P60T61Y	LM15435	1326
75	3600	365TS	93.0	1.25	230/460	CCS2P75TS61Y	LM15482	1132
	1800	365T	94.1	1.15	230/460	CCS4P75T61Y	LM15483	1132
	1200	405T	94.5	1.15	230/460	CCS6P75T61Y	LM15438	1376
100	3600	405TS	94.5	1.15	230/460	CCS2P100TS61Y	LM15436	1376
	1800	405T	94.5	1.15	230/460	CCS4P100T61Y	LM15437	1376
	1200	444T	94.1	1.15	460	CCS6P100T64Y	LM15714	1983

All motors are subject to availability.



TEFC SEVERE DUTY
208, 230/460 & 460 VOLTS • 3-PHASE
FOOT MOUNT & C-FACE
1 TO 800 HP

FOOT MOUNT (cont'd)

HP	SYN RPM	Frame	FL Nom Eff (%)	SF	Volts	Model Number	Product Number	Approx Shpg Wght (lbs)
125	3600	444TS	94.5	1.15	460	CCS2P125TS64Y	LM15713	1983
	1800	444T	94.5	1.15	460	CCS4P125T64Y	LM14637	1983
	1200	445T	94.1	1.15	460	CCS6P125T64Y	LM15716	2110
150	3600	445TS	94.5	1.15	460	CCS2P150TS64Y	LM15715	2110
	1800	445T	95.0	1.15	460	CCS4P150T64Y	LM14640	2110
	1200	445T	95.0	1.15	460	CCS6P150T64Y	LM14641	2110
200	3600	445TS	95.0	1.15	460	CCS2P200TS64Y	LM14638	2110
	1800	445T	95.0	1.15	460	CCS4P200T64Y	LM14639	2341
	1200	449T	95.0	1.15	460	CCS6P200T64Y	LM15718	2572

C-FACE WITH FEET

HP	SYN RPM	Frame	FL Nom Eff (%)	SF	Volts	Model Number	Product Number	Approx Shpg Wght (lbs)
1	1800	143TC	82.5	1.25	230/460	CCS4P1TC61	LM16878	64
	1200	145TC	80.0	1.25	230/460	CCS6P1TC61	LM16879	89
1 1/2	3600	143TC	82.5	1.25	230/460	CCS2P1.5TC61	LM16880	80
	1800	145TC	84.0	1.25	230/460	CCS4P1.5TC61	LM16881	75
	1200	182TC	85.5	1.25	230/460	CCS6P1.5TC61	LM16882	152
2	3600	145TC	84.0	1.25	230/460	CCS2P2TC61	LM16883	89
	1800	145TC	84.0	1.25	230/460	CCS4P2TC61	LM16884	74
	1200	184TC	86.5	1.25	230/460	CCS6P2TC61	LM16885	145
3	3600	182TC	86.5	1.25	230/460	CCS2P3TC61	LM16886	152
	1800	182TC	87.5	1.25	230/460	CCS4P3TC61	LM16887	152
	1200	213TC	87.5	1.25	230/460	CCS6P3TC61	LM16888	199
5	3600	184TC	87.5	1.25	230/460	CCS2P5TC61	LM16889	145
	1800	184TC	87.5	1.25	230/460	CCS4P5TC61	LM16890	185
	1200	215TC	87.5	1.25	230/460	CCS6P5TC61	LM16891	216
7 1/2	3600	213TC	88.5	1.25	230/460	CCS2P7.5TC61	LM16892	199
	1800	213TC	89.5	1.25	230/460	CCS4P7.5TC61	LM16893	199
	1200	254TC	89.5	1.25	230/460	CCS6P7.5TC61	LM16894	347
10	3600	215TC	89.5	1.25	230/460	CCS2P10TC61	LM16895	216
	1800	215TC	91.0	1.15	230/460	CCS4P10TC61	LM16896	216
	1200	256TC	89.5	1.25	230/460	CCS6P10TC61	LM16897	390
15	3600	254TC	90.2	1.25	230/460	CCS2P15TC61	LM16898	347
	1800	254TC	91.0	1.25	230/460	CCS4P15TC61	LM16899	402
	1200	284TC	90.2	1.25	230/460	CCS6P15TC61Y	LM16900	537
20	3600	256TC	90.2	1.15	230/460	CCS2P20TC61	LM16927	390
	1800	256TC	91.0	1.15	230/460	CCS4P20TC61	LM16928	390
	1200	286TC	90.2	1.25	230/460	CCS6P20TC61Y	LM16929	577
25	3600	284TSC	91.0	1.25	230/460	CCS2P25TSC61Y	LM16930	537
	1800	284TC	92.4	1.25	230/460	CCS4P25TC61Y	LM16931	537
	1200	324TC	91.7	1.25	230/460	CCS6P25TC61Y	LM16932	708

All motors are subject to availability.

TEFC SEVERE DUTY
208, 230/460 & 460 VOLTS • 3-PHASE
FOOT MOUNT & C-FACE
1 TO 800 HP



C-FACE WITH FEET (cont'd)

HP	SYN RPM	Frame	FL Nom Eff (%)	SF	Volts	Model Number	Product Number	Approx Shpg Wght (lbs)
30	3600	286TSC	91.0	1.25	230/460	CCS2P30TSC61Y	LM16934	577
	1800	286TC	92.5	1.25	230/460	CCS4P30TC61Y	LM16935	582
	1200	326TC	91.7	1.25	230/460	CCS6P30TC61Y	LM16936	842
40	3600	324TSC	91.7	1.25	230/460	CCS2P40TSC61Y	LM16937	708
	1800	324TC	93.0	1.25	230/460	CCS4P40TC61Y	LM27815	708
	1200	364TC	93.0	1.25	230/460	CCS6P40TC61Y	LM16939	1062
50	3600	326TSC	93.0	1.25	230/460	CCS2P50TSC61Y	LM16940	842
	1800	326TC	93.6	1.25	230/460	CCS4P50TC61Y	LM16942	842
	1200	365TC	93.0	1.25	230/460	CCS6P50TC61Y	LM16943	1145
60	3600	364TSC	93.0	1.25	230/460	CCS2P60TSC61Y	LM16944	1062
	1800	364TC	93.6	1.25	230/460	CCS4P60TC61Y	LM16945	1066
	1200	404TC	94.1	1.15	230/460	CCS6P60TC61Y	LM16946	1339
75	3600	365TSC	93.6	1.25	230/460	CCS2P75TSC61Y	LM16947	1141
	1800	365TC	94.1	1.15	230/460	CCS4P75TC61Y	LM16948	1141
	1200	405TC	94.5	1.15	230/460	CCS6P75TC61Y	LM16949	1389
100	3600	405TSC	94.1	1.15	230/460	CCS2P100TSC61Y	LM16950	1389
	1800	405TC	94.5	1.15	230/460	CCS4P100TC61Y	LM16952	1389
	1200	444TC	94.1	1.15	460	CCS6P100TC64Y	LM16954	2006
125	3600	444TSC	94.5	1.15	460	CCS2P125TSC64Y	LM16955	2006
	1800	444TC	94.5	1.15	460	CCS4P125TC64Y	LM16956	2006
	1200	445TC	94.1	1.15	460	CCS6P125TC64Y	LM16957	2133
150	3600	445TSC	94.5	1.15	460	CCS2P150TSC64Y	LM16958	2133
	1800	445TC	95.0	1.15	460	CCS4P150TC64Y	LM16959	2133
	1200	445TC	95.0	1.15	460	CCS6P150TC64Y	LM16960	2133
200	3600	445TSC	95.0	1.15	460	CCS2P200TSC64Y	LM16961	2133
	1800	445TC	95.0	1.15	460	CCS4P200TC64Y	LM16962	2133
	1200	449TC	95.0	1.15	460	CCS6P200TC64Y	LM16963	2595

All motors are subject to availability.



TEFC • CAST IRON SEVERE DUTY
15 TO 60 HZ CONSTANT TORQUE • INVERTER DUTY
 230/460 & 460 VOLTS • 3-PHASE
 FOOT MOUNT & C-FACE
 1 TO 350 HP

FOOT MOUNT

HP	SYN @ 60 Hz	Frame	FL Nom Eff (%)	SF	Volts	Model Number	Product Number	Approx Shpg Wght (lbs)
1	1800	143T	82.5	1.00	230/460	CS4P1T61Q40	LM21525	74
1 1/2	1800	145T	84.0	1.00	230/460	CS4P1.5T61Q40	LM21528	83
5	1800	184T	87.5	1.00	230/460	CCS4P5T61Q40	LM21537	133
7 1/2	1800	213T	89.5	1.00	230/460	CCS4P7.5T61Q40	LM21540	188
10	1800	215T	89.5	1.00	230/460	CCS4P10T61Q40	LM21543	205
20	1800	256T	91.0	1.00	230/460	CCS4P20T61Q40	LM21549	378
25	1800	284T	92.4	1.00	230/460	CCS4P25T61YQ40	LM21552	531
30	1800	286T	92.4	1.00	230/460	CCS4P30T61YQ40	LM21555	571

C-FACE

HP	SYN @ 60 Hz	Frame	FL Nom Eff (%)	SF	Volts	Model Number	Product Number	Approx Shpg Wght (lbs)
3	1800	182T	87.5	1.00	230/460	CCS4P3TC61Q40	LM22854	152

All motors are subject to availability.

TOTALLY ENCLOSED AUTOMOTIVE DUTY • U-FRAME



460 VOLTS • 3-PHASE
FOOT MOUNT & C-FACE
3/4 TO 100 HP

FOOT MOUNT

HP	SYN RPM	Frame	FL Nom Eff (%)	SF	Volts	Model Number	Product Number	Approx Shpg Wght (lbs)
3/4	1200	182	81.0	1.00	460	CCN6G0.75U64	LM23722	108
1	1800	182	86.0	1.00	460	CCN4G1U64	LM23721	108
	1200	184	85.0	1.00	460	CCN6G1U64	LM23726	108
1 1/2	1800	184	87.0	1.00	460	CCN4G1.5U64	LM23724	108
	1200	184	86.0	1.00	460	CCN6G1.5U64	LM23725	108
2	1800	184	88.0	1.00	460	CCF4G2U64	LM23723	170
	1200	213	86.0	1.00	460	CCF6G2U64	LM23728	170
3	1800	213	87.0	1.00	460	CCF4G3U64	LM23727	170
	1200	215	88.0	1.00	460	CCF6G3U64	LM23730	170
5	1800	215	88.0	1.00	460	CCF4G5U64	LM23729	170
	1200	254U	88.7	1.00	460	CCF6G5U64	LM23732	260
7 1/2	1800	254U	90.2	1.00	460	CCF4G7.5U64	LM23731	260
	1200	256U	89.5	1.00	460	CCF6G7.5U64	LM23734	332
10	1800	256U	90.2	1.00	460	CCF4G10U64	LM23733	260
	1200	284U	89.5	1.00	460	CCF6G10U64	LM23736	525
15	1800	284U	90.9	1.00	460	CCF4G15U64	LM23735	525
	1200	324U	90.9	1.00	460	CCF6G15U64	LM23739	750
20	1800	286U	91.5	1.00	460	CCF4G20U64	LM23737	525
	1200	326U	90.9	1.00	460	CCF6G20U64	LM23741	750
25	1800	324U	92.6	1.00	460	CCF4G25U64	LM23738	748
	1200	364U	91.5	1.00	460	CCF6G25U64	LM23743	1160
30	1800	326U	92.6	1.00	460	CCF4G30U64	LM23740	748
	1200	365U	91.5	1.00	460	CCF6G30U64	LM23745	1160
40	1800	364U	92.6	1.00	460	CCF4G40U64	LM23742	977
	1200	404U	92.1	1.00	460	CCF6G40U64	LM23746	1110
50	1800	365U	93.0	1.00	460	CCF4G50U64	LM23744	1063
	1200	405U	92.6	1.00	460	CCF6G50U64	LM23748	1110
60	1800	405U	93.5	1.00	460	CCF4G60U64	LM23747	1110
	1200	444U	92.6	1.00	460	CCF6G60U64	LM23750	1787
75	1800	444U	93.5	1.00	460	CCF4G75U64	LM23749	1787
	1200	445U	93.5	1.00	460	CCF6G75U64	LM23752	1787
100	1800	445U	93.9	1.00	460	CCF4G100U64	LM23751	1787

C-FACE WITH FEET

HP	SYN RPM	Frame	FL Nom Eff (%)	SF	Volts	Model Number	Product Number	Approx Shpg Wght (lbs)
1	1800	182C	86.0	1.00	460	CCN4G1UC64	LM23768	108
	1200	184C	85.0	1.00	460	CCN6G1UC64	LM23773	108
1 1/2	1800	184C	87.0	1.00	460	CCN4G1.5UC64	LM23771	108
	1200	184C	86.0	1.00	460	CCN6G1.5UC64	LM23772	108
2	1800	184C	88.0	1.00	460	CCF4G2UC64	LM23770	170
	1200	213C	86.0	1.00	460	CCF6G2UC64	LM23775	170
3	1800	213C	87.0	1.00	460	CCF4G3UC64	LM23774	170
	1200	215C	88.0	1.00	460	CCF6G3UC64	LM23778	170

All motors are subject to availability.



**TOTALLY ENCLOSED
AUTOMOTIVE DUTY • U-FRAME**

**460 VOLTS • 3-PHASE
FOOT MOUNT & C-FACE
3/4 TO 100 HP**

C-FACE WITH FEET (cont'd)

HP	SYN RPM	Frame	FL Nom Eff (%)	SF	Volts	Model Number	Product Number	Approx Shpg Wght (lbs)
5	1800	215C	88.0	1.00	460	CCF4G5UC64	LM23776	170
	1200	254UC	88.7	1.00	460	CCF6G5UC64	LM23780	260
7 1/2	1800	254UC	90.2	1.00	460	CCF4G7.5UC64	LM23779	260
	1200	256UC	89.5	1.00	460	CCF6G7.5UC64	LM23800	260
10	1800	256UC	90.2	1.00	460	CCF4G10UC64	LM23799	260
	1200	284UC	89.5	1.00	460	CCF6G10UC64	LM23802	525
15	1800	284UC	90.9	1.00	460	CCF4G15UC64	LM23801	525
	1200	324UC	90.9	1.00	460	CCF6G15UC64	LM23805	750
20	1800	286UC	91.5	1.00	460	CCF4G20UC64	LM23803	525
	1200	326UC	90.9	1.00	460	CCF6G20UC64	LM23807	750
25	1800	324UC	92.6	1.00	460	CCF4G25UC64	LM23804	748
	1200	364UC	91.5	1.00	460	CCF6G25UC64	LM23809	1160
30	1800	326UC	92.6	1.00	460	CCF4G30UC64	LM23806	748
	1200	365UC	91.5	1.00	460	CCF6G30UC64	LM23811	1160
40	1800	364UC	92.6	1.00	460	CCF4G40UC64	LM23808	977
	1200	404UC	92.1	1.00	460	CCF6G40UC64	LM23812	1110
50	1800	365UC	93.0	1.00	460	CCF4G50UC64	LM23810	1063
	1200	405UC	92.6	1.00	460	CCF6G50UC64	LM23814	1110
60	1800	405UC	93.5	1.00	460	CCF4G60UC64	LM23813	1110
	1200	444UC	92.6	1.00	460	CCF6G60UC64	LM23816	1787
75	1800	444UC	93.5	1.00	460	CCF4G75UC64	LM23815	1787
	1200	445UC	93.5	1.00	460	CCF6G75UC64	LM23818	1787
100	1800	445UC	93.9	1.00	460	CCF4G100UC64	LM23817	1787

All motors are subject to availability.

TEFC • CRUSHER DUTY ULTIMATE E1 & E2



460 VOLTS • 3-PHASE
FOOT MOUNT
100 TO 400 HP

FOOT MOUNT

HP	SYN RPM	Frame	FL Nom Eff (%)	SF	Volts	Model Number	Product Number	Approx Shpg Wght (lbs)
100	1800	405T	92.4	1.15	460	CCS4G100T64PYRBT1	LM18755	1338
	1800	405T	94.5	1.15	460	SF4P100T64PYRBT1	LM18756	1002
	1200	444T	93.0	1.15	460	CCS6G100T64PYRBT1	LM17694	1690
	1200	444T	94.1	1.15	460	SF6P100T64PYRBT1	LM17707	1351
125	1800	444T	94.5	1.15	460	CCS4P125T64PYRBT1	LM17695	1727
	1800	444T	94.5	1.15	460	SF4P125T64PYRBT1	LM17708	1351
	1200	445T	94.1	1.15	460	CCS6P125T64PYRBT1	LM17696	1960
	1200	445T	94.1	1.15	460	SF6P125T64PYRBT1	LM17709	1504
150	1800	445T	94.1	1.15	460	CCS4G150T64PYRBT1	LM17697	2090
	1800	445T	95.0	1.15	460	SF4P150T64PYRBT1	LM17710	1504
	1200	445T	94.1	1.15	460	CCS6G150T64PYRBT1	LM17698	2458
	1200	445T	95.0	1.15	460	SF6P150T64PYRBT1	LM17711	1504
200	1800	449T	94.5	1.15	460	CC449S4P200T64PYCR1	LM31902	2345
	1800	445T	95.0	1.15	460	SF4P200T64PYRBT1	LM17712	1504
	1200	447T	94.5	1.15	460	CCS6G200T64PYRBT1	LM17700	3087
	1200	447T	95.0	1.15	460	SF6P200T64PYRBT1	LM17713	1812

All motors are subject to availability.



HYDRAULIC ELEVATOR PUMP MOTORS

OPEN DRIP-PROOF CONSTRUCTION • 3-PHASE
FOOT MOUNTED
10 TO 100 HP

80 STARTS PER HOUR

HP	SYN RPM	Frame	Volts	80 Starts FL Amps	Locked Rotor Amps	Model Number	Product Number	Approx Shpg Wght (lbs)
15	3600	213T	230/460	35.5/18	162/81	SSD2P10/15T61YEH2	LM30092	149
	1800	215T	200	45.1	170	SSD4G10/15T6006YEH2	LM28867	128
	1800	215T	230/460	39.2/19.6	148/74	SSD4G10/15T61YEH2	LM28868	124
20	3600	215T	230/460	46/23	232/116	SSD2P15/20T61YEH2	LM30094	138
	1800	254T	230/460	51.4/25.7	232/116	SSD4G15/20T61YEH2	LM28874	205
25	3600	254T	230/460	58/29	290/145	SSD2P20/25T61YEH2	LM30096	134
	1800	256T	230/460	64/32	320/160	SSD4G20/25T61YEH2	LM28880	233
30	3600	256T	230/460	69/34.5	364/182	SSD2P25/30T61YEH2	LM30098	235
	1800	284T	230/460	73/36.5	340/170	CCD4G25/30T61YEH2	LM29851	316
40	3600	284T	230/460	97/48.5	400/200	CCD2P30/40T61YEH2	LM30100	279
	1800	286T	230/460	97/48.5	430/215	CCD4G30/40T61YEH2	LM29853	411
50	3600	286T	230/460	117/58.5	580/290	CCD2P40/50T61YEH2	LM30102	277
	1800	324T	230/460	126/63	548/274	SD4G40/50T61YEH2	LM28898	466
60	1800	326T	230/460	153/76.5	690/345	SD4G50/60T61YEH2	LM28904	530
75	1800	364T	230/460	179/89.5	870/435	SD4S60/75T61YEH2	LM28910	709
100	1800	365T	230/460	250/125	1084/542	SD4G75/100T61YEH2	LM28914	754

WYE WOUND FOR ELECTRONIC START OR ACROSS THE LINE STARTING 80 STARTS PER HOUR

HP	SYN RPM	Frame	Volts	80 Starts FL Amps	Locked Rotor Amps	Model Number	Product Number	Approx Shpg Wght (lbs)
5	1800	182T	230/460	13/6.5	64/32	SSD4P5T61YEH1	LM28919	89
7 1/2	1800	182T	230/460	19.8/9.9	92/46	SSD4G7.5T61EH1	LM28922	61
10	1800	182T	230/460	25.8/12.9	127/63.5	SSD4G10T61EH1	LM28925	84

120 STARTS PER HOUR

HP	SYN RPM	Frame	Volts	120 Starts FL Amps	Locked Rotor Amps	Model Number	Product Number	Approx Shpg Wght (lbs)
10	3600	213T	230/460	23.4/11.7	162/81	SSD2P10/15T61YEH2	LM30092	149
	1800	215T	230/460	25/12.5	148/74	SSD4G10/15T61YEH2	LM28868	124
15	3600	215T	230/460	34/17	232/116	SSD2P15/20T61YEH2	LM30094	138
	1800	254T	230/460	38.4/19.2	232/116	SSD4G15/20T61YEH2	LM28874	205
20	3600	254T	230/460	46/23	290/145	SSD2P20/25T61YEH2	LM30096	134
	1800	256T	230/460	52/26	320/160	SSD4G20/25T61YEH2	LM28880	233
25	3600	256T	230/460	58/29	364/182	SSD2P25/30T61YEH2	LM30098	235
	1800	284T	230/460	61/30.5	340/170	CCD4G25/30T61YEH2	LM29851	316
30	3600	284T	230/460	72/36	400/200	CCD2P30/40T61YEH2	LM30100	279
	1800	286T	230/460	72/36	430/215	CCD4G30/40T61YEH2	LM29853	411
40	3600	286T	230/460	94/47	580/290	CCD2P40/50T61YEH2	LM30102	277
	1800	324T	230/460	103/51.5	548/274	SD4G40/50T61YEH2	LM28898	466
50	1800	326T	230/460	130/65	690/345	SD4G50/60T61YEH2	LM28904	530
60	1800	364T	230/460	146/73	870/435	SD4S60/75T61YEH2	LM28910	709
75	1800	365T	230/460	188/94	1084/542	SD4G75/100T61YEH2	LM28914	754

SHADED FRAME INDICATES CAST IRON CONSTRUCTION

All motors are subject to availability.

ODP & TEFC 200/400 VOLT MOTORS



3-PHASE
FOOT MOUNT & C-FACE
1/3 TO 125 HP

ODP • FOOT MOUNT

HP	SYN RPM	Frame	FL Nom Eff (%)	SF	Volts	Model Number	Product Number	Approx Shpg Wght (lbs)
1	1800	143T	77.0	1.15	200/400	SD4S1T62	LM05378	28
	1200	145T	72.0	1.15	200/400	SD6S1T62	LM05388	34
1 1/2	3600	143T	77.0	1.15	200/400	SD2S1.5T62	LM05383	28
	1800	145T	80.0	1.15	200/400	SD4S1.5T62	LM05393	35
2	1800	145T	84.0	1.15	200/400	SSD4S2T62	LM24147	44
3	3600	145T	77.0	1.15	200/400	SD2S3T62	LM05409	36
	1800	182T	84.0	1.15	200/400	SSD4S3T62	LM24212	-
	1200	213T	78.5	1.15	200/400	SD6S3T62	LM05463	99
5	3600	182T	80.0	1.15	200/400	SD2S5T62	LM05427	58
	1800	184T	85.5	1.15	200/400	SSD4S5T62	LM24218	-
	1200	215T	82.5	1.15	200/400	SD6S5T62	LM05488	115
7 1/2	3600	184T	84.5	1.15	200/400	SSD2S7.5T62	LM25470	-
	1800	213T	84.0	1.15	200/400	SSD4S7.5T62	LM24220	103
10	1800	215T	87.5	1.15	200/400	SSD4S10T62	LM24215	118
15	1800	254T	87.5	1.15	200/400	SSD4S15T62	LM24216	164
20	3600	254T	88.5	1.15	200/400	SSD2S20T62	LM05525	-
	1800	256T	88.5	1.15	200/400	SSD4S20T62	LM24217	197
25	3600	256T	89.5	1.15	200/400	SSD2S25T62	LM26181	-
	1800	284T	87.5	1.15	200/400	SD4S25T62	LM04125	278
30	3600	284TS	82.5	1.15	200/400	SD2S30TS62	LM04136	282
	1800	286T	87.5	1.15	200/400	SD4S30T62	LM04142	319
40	3600	286TS	82.5	1.15	200/400	SD2S40TS62	LM04152	325
	1800	324T	90.2	1.15	200/400	SD4S40T62	LM04278	378
50	3600	324TS	85.5	1.15	200/400	SD2S50TS62	LM04288	410
	1800	326T	91.7	1.15	200/400	SD4S50T62	LM04292	444
60	3600	326TS	89.5	1.15	200/400	SD2S60TS62	LM04299	462
	1800	364T	91.7	1.15	200/400	SD4S60T62	LM04416	575
75	3600	364TS	88.5	1.15	200/400	SD2S75TS62	LM04421	618
	1800	365T	93.0	1.15	200/400	SD4S75T62	LM04425	660
100	3600	365TS	88.5	1.15	200/400	SD2S100TS62	LM04431	680
	1800	404T	93.6	1.15	200/400	SD4S100T62	LM04604	767
125	1800	405T	93.6	1.15	200/400	SD4S125T62	LM04705	910

All motors are subject to availability.



ODP & TEFC 200/400 VOLT MOTORS

3-PHASE
FOOT MOUNT & C-FACE
1/3 TO 125 HP

TEFC • FOOT MOUNT

HP	SYN RPM	Frame	FL Nom Eff (%)	SF	Volts	Model Number	Product Number	Approx Shpg Wght (lbs)
1	1800	143T	82.5	1.15	200/400	SS4S1T62	LM24358	TBD
	1200	145T	80.0	1.15	200/400	SSF6S1T62	LM24357	TBD
	900	182T	70.0	1.15	200/400	AF8S1T62	LM01365	64
1.5	3600	143T	80.0	1.15	200/400	SSF2S1.5T62	LM25221	TBD
	1800	145T	80.0	1.15	200/400	SF4S1.5T62	LM02834	40
	1200	182T	77.0	1.15	200/400	AF6S1.5T62	LM01272	68
	900	184T	72.0	1.15	200/400	AF8S1.5T62	LM01386	71
2	1800	56H	80.0	1.15	200/400	RF4S2T62	LM02712	36
	1800	145T	84.0	1.15	200/400	SSF4S2T62	LM24359	TBD
	1200	184T	78.5	1.15	200/400	AF6S2T62	LM01349	72
	900	213T	75.5	1.15	200/400	AF8S2T62	LM01875	101
3	3600	182T	80.0	1.15	200/400	AF2S3T62	LM01346	68
	1800	182T	82.5	1.15	200/400	AF4S3T62	LM01285	72
	1200	213T	77.0	1.15	200/400	AF6S3T62	LM01516	95
	900	215T	77.0	1.15	200/400	AF8S3T62	LM01924	119
5	3600	184T	84.0	1.15	200/400	AF2S5T62	LM01352	74
	1800	184T	82.5	1.15	200/400	AF4S5T62	LM01324	72
	1200	215T	81.5	1.15	200/400	AF6S5T62	LM01546	116
	900	254T	81.5	1.15	200/400	AF8S5T62	LM01562	161
7.5	3600	213T	80.0	1.15	200/400	AF2S7.5T62	LM01523	106
	1800	213T	81.5	1.15	200/400	AF4S7.5T62	LM01451	104
	1200	254T	82.5	1.15	200/400	AF6S7.5T62	LM01663	157
	900	256T	82.5	1.15	200/400	AF8S7.5T62	LM01699	195
10	3600	215T	81.5	1.15	200/400	AF2S10T62	LM01543	118
	1800	215T	84.0	1.15	200/400	AF4S10T62	LM01486	119
	1200	256T	84.0	1.15	200/400	AF6S10T62	LM01666	198
15	3600	254T	82.5	1.15	200/400	AF2S15T62	LM01608	162
	1800	254T	85.5	1.15	200/400	AF4S15T62	LM01577	148
20	3600	256T	85.5	1.15	200/400	AF2S20T62	LM01732	197
	1800	256T	86.5	1.15	200/400	AF4S20T62	LM01626	194
25	1200	324T	90.2	1.15	200/400	SF6H25T62	LM08447	504
30	1200	326T	91.0	1.15	200/400	SF6H30T62	LM02157	542
40	3600	324TS	90.2	1.15	200/400	SF2H40TS62	LM02323	508
	1800	324T	91.7	1.15	200/400	SF4H40T62	LM02005	496
	1200	364T	91.7	1.15	200/400	SF6H40T62	LM02578	682
50	3600	326TS	91.0	1.15	200/400	SF2H50TS62	LM02159	556
	1800	326T	92.4	1.15	200/400	SF4H50T62	LM02010	552
	1200	365T	91.7	1.15	200/400	SF6H50T62	LM02460	764
60	3600	364TS	91.7	1.15	200/400	SF2H60TS62	LM02579	698
	1800	364T	93.0	1.15	200/400	SF4H60T62	LM02386	682
75	3600	365TS	92.4	1.15	200/400	SF2H75TS62	LM02921	768
	1800	365T	93.0	1.15	200/400	SF4H75T62	LM02394	755
100	1800	405T	93.6	1.15	200/400	SF4H100T62	LM02444	986

All motors are subject to availability.

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120021	\$474	17	121847	\$449	15	131949	\$2,268	11	151348	\$1,249	6	192065	\$413	20	193134	\$2,180	20
120024	\$476	6	121849	\$565	15	131967	\$1,488	9,16	151349	\$1,822	6	192068	\$404	21	193135	\$2,180	20
120032	\$473	17	121850	\$440	15	131968	\$1,776	9,16	151350	\$1,773	6	192070	\$392	19	193136	\$2,876	20
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120035	\$532	6	121852	\$495	15	131970	\$1,947	9,16	151352	\$2,236	6	192074	\$449	20	193138	\$2,180	21
120037	\$489	6	121853	\$550	15	131996	\$2,116	11	151361	\$1,710	15	192075	\$462	20	193139	\$2,876	21
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120047	\$467	17	121855	\$489	16	131998	\$2,346	11	151380	\$1,496	15	192078	\$449	21	193141	\$2,352	19
120061	\$582	6	121856	\$534	16	132027	\$1,066	16	151381	\$1,728	15	192080	\$564	19	193142	\$3,643	19
120081	\$485	6	121857	\$532	16	132059	\$701	6	151382	\$2,035	15	192084	\$636	20	193144	\$2,351	20
120082	\$627	6	121858	\$493	16	140004	\$994	17	151417	\$2,883	16	192087	\$636	21	193145	\$2,480	20
120098	\$612	6	121859	\$605	16	140013	\$1,046	17	151418	\$2,834	16	192134	\$376	22	193146	\$3,771	20
120105	\$505	6	121860	\$642	16	140108	\$1,157	6	151420	\$3,420	16	192142	\$392	22	193147	\$2,492	21
120122	\$497	17	131460	\$620	17	140109	\$1,173	6	151422	\$3,365	16	192143	\$405	22	193148	\$2,628	21
120161	\$698	6	131461	\$715	17	140465	\$1,944	9	151424	\$4,263	16	192148	\$848	22	193150	\$2,717	19
120167	\$662	17	131465	\$584	17	140467	\$1,711	9	151426	\$4,128	16	193072	\$659	19	193151	\$2,990	19
120170	\$538	17	131466	\$673	17	140535	\$1,385	6	151507	\$2,817	6	193076	\$757	20	193152	\$4,571	19
120171	\$631	17	131467	\$861	17	140580	\$940	6	151508	\$3,386	6	193079	\$757	21	193154	\$2,827	20
120172	\$441	6	131478	\$1,205	2	140593	\$934	17	151509	\$4,332	6	193081	\$639	19	193155	\$3,156	20
120176	\$500	17	131479	\$1,431	2	140618	\$1,110	15	151510	\$4,998	6	193082	\$927	19	193157	\$2,996	21
120177	\$543	17	131489	\$589	6	140619	\$1,269	15	151516	\$25,212	4	193085	\$734	20	193160	\$3,228	19
120178	\$578	17	131490	\$649	6	140622	\$1,126	16	151518	\$20,341	4	193086	\$1,036	20	193161	\$3,359	19
120423	\$722	17	131491	\$665	6	140623	\$1,389	16	151519	\$7,511	6	193088	\$734	21	193162	\$5,177	19
120762	\$909	9	131492	\$762	6	140655	\$1,046	15	151524	\$16,066	4	193089	\$1,036	21	193164	\$3,380	20
120987	\$1,081	9	131498	\$665	17	140656	\$1,293	15	151525	\$18,431	4	193090	\$680	19	193165	\$3,507	20
120993	\$661	6	131499	\$803	17	140667	\$1,110	15	151529	\$28,356	4	193091	\$693	19	193170	\$4,596	19
121035	\$694	6	131500	\$571	17	140668	\$1,269	15	151530	\$29,547	4	193092	\$1,123	19	193171	\$4,947	19
121178	\$1,208	12	131510	\$994	6	140688	\$1,130	6	151567	\$2,134	16	193094	\$778	20	193172	\$7,777	19
121187	\$506	6	131513	\$740	6	140689	\$1,535	6	151568	\$2,076	16	193095	\$789	20	193180	\$6,026	19
121350	\$927	9	131514	\$830	6	140690	\$1,226	6	151569	\$2,328	16	193096	\$1,267	20	193181	\$6,863	19
121351	\$1,052	9	131525	\$813	6	140691	\$1,728	6	151570	\$2,518	16	193097	\$778	21	193182	\$10,901	19
121405	\$633	6	131527	\$917	6	140733	\$2,172	9,16	151682	\$1,694	6	193098	\$789	21	193193	\$639	22
121525	\$1,371	11	131528	\$979	6	140734	\$2,676	9,16	151683	\$2,010	6	193099	\$1,267	21	193199	\$680	22
121527	\$1,663	11	131529	\$815	17	140735	\$2,528	9,16	151684	\$2,070	6	193100	\$875	19	193200	\$693	22
121560	\$1,346	11	131547	\$813	17	140736	\$3,059	9,16	151685	\$2,338	6	193101	\$844	19	193208	\$875	22
121561	\$1,651	11	131548	\$730	17	140737	\$2,279	9	151686	\$2,524	6	193102	\$1,299	19	193209	\$844	22
121562	\$1,986	11	131552	\$878	17	140738	\$2,836	9	151687	\$2,686	6	193104	\$980	20	193217	\$1,098	22
121579	\$1,023	9	131562	\$653	15	140740	\$3,554	11	158003	\$1,404	12	193105	\$949	20	193218	\$1,098	22
121579	\$1,023	16	131563	\$753	15	140741	\$3,631	11	158005	\$1,608	12	193106	\$1,444	20	193226	\$1,175	22
121580	\$1,105	9,16	131574	\$803	15	140742	\$3,678	11	175882	\$116	19	193107	\$980	21	193227	\$1,302	22
121581	\$1,134	9,16	131576	\$908	15	140743	\$3,745	11	175883	\$106	20	193108	\$949	21	193235	\$1,902	22
121582	\$1,248	9,16	131577	\$1,170	15	140764	\$1,829	16	175884	\$125	19	193109	\$1,444	21	193236	\$1,902	22
121583	\$1,170	9,16	131579	\$651	16	140765	\$923	6	175885	\$116	20	193110	\$1,098	19	193244	\$2,232	22
121584	\$1,339	9,16	131580	\$871	16	150116	\$1,744	17	175886	\$166	19	193111	\$1,098	19	193245	\$2,352	22
121626	\$1,399	11	131581	\$847	16	150117	\$2,199	17	175887	\$156	20	193112	\$1,561	19	193253	\$2,717	22
121627	\$1,400	11	131582	\$965	16	150118	\$2,684	17	175888	\$312	19	193114	\$1,238	20	193254	\$2,990	22
121628	\$1,428	11	131583	\$1,290	16	150119	\$3,094	17	175889	\$301	20	193115	\$1,238	20	193262	\$3,228	22
121629	\$1,663	11	131594	\$1,348	9	150120	\$4,095	17	175890	\$387	19	193116	\$1,707	20	193263	\$3,359	22
121630	\$1,681	11	131595	\$1,508	9	150121	\$5,049	17	175984	\$116	19	193117	\$1,238	21	193271	\$4,596	22
121631	\$2,000	11	131596	\$1,189	9	150196	\$1,042	17	175985	\$106	20	193118	\$1,238	21	193272	\$4,947	22
121652	\$747	9	131597	\$1,348	9	150197	\$1,214	17	175986	\$125	19	193119	\$1,707	21	193280	\$6,026	22
121655	\$779	9	131606	\$979	6	150198	\$1,697	17	175987	\$116	20	193120	\$1,175	19	193281	\$6,863	22
121659	\$1,345	11	131642	\$1,022	6	150199	\$2,269	17	175988	\$166	19	193121	\$1,302	19	801028	\$2,522	15
121664	\$605	6	131739	\$917	6	150212	\$1,204	17	175989	\$156	20	193122	\$2,024	19	801029	\$2,646	15
121668	\$487	6	131779	\$631	6	150224	\$2,722	17	175990	\$312	19	193124	\$1,322	20	801030	\$3,455	15
121669	\$661	6	131780	\$833	6	150228	\$3,407	17	175991	\$301	20	193125	\$1,449	20	801040	\$2,551	15
121670	\$564	6	131882	\$588	15	150232	\$4,282	17	175994	\$505	19	193126	\$2,301	20	801041	\$2,928	15
121797	\$1,371	11	131883	\$675	15	150239	\$7,685	17	175995	\$646	19	193127	\$1,322	21	801042	\$3,980	15
121798	\$1,663	11	131884	\$679	15	150244	\$9,282	17	191418	\$978	10	193128	\$1,449	21	801051	\$1,568	15
121799	\$1,346	11	131885	\$814	15	150253	\$11,551	17	192052	\$498	19	193129	\$2,301	21	801052	\$1,895	15
121800	\$1,651	11	131912	\$1,033	6	151345	\$1,099	6	192056	\$570	20	193130	\$1,902	19	801053	\$2,549	15
121808	\$1,345	11	131923	\$2,001	11	151346	\$1,060	6	192059	\$570	21	193131	\$1,902	19	801054	\$2,646	15

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801056	\$1,630	15	G121814	\$1,405	11	G140551	\$1,023	2	G150073	\$2,608	8	G151370	\$17,937	4	G825044	\$7,677	14
801057	\$1,920	15	G130000	\$548	2,18	G140578	\$957	2,18	G150079	\$2,404	8	G151371	\$16,538	4	G825045	\$6,908	14
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801059	\$2,928	15	G130008	\$620	2,18	G140602	\$1,106	7	G150081	\$2,883	8	G151378	\$3,785	8	G825047	\$3,677	14
801060	\$3,745	15	G130010	\$708	2	G140604	\$942	5	G150082	\$3,188	8	G151379	\$4,482	8	G850587	\$1,395	13
825019	\$37,309	14	G130012	\$684	2	G140609	\$888	5	G150083	\$4,351	8	G151383	\$2,839	8	G850588	\$1,489	13
825020	\$30,830	14	G130015	\$755	2	G140675	\$3,674	11	G150084	\$5,043	8	G151396	\$3,350	8	G850589	\$2,235	13
G120010	\$436	2,18	G130016	\$815	2	G140676	\$3,784	11	G150085	\$7,607	8	G151446	\$926	7	G850590	\$2,348	13
G120011	\$464	2,18	G130027	\$715	2,18	G140682	\$1,064	3	G150086	\$9,648	8	G151449	\$12,495	4	G850591	\$3,076	13
G120012	\$498	2,18	G130099	\$763	2	G140683	\$1,560	3	G150087	\$11,102	4	G151522	\$11,405	4	G850592	\$4,132	13
G120014	\$490	2	G130101	\$878	2	G140686	\$1,287	3	G150096	\$6,874	3	G151523	\$13,785	4	G850593	\$4,279	13
G120015	\$496	2	G130103	\$1,004	2	G140687	\$1,615	3	G150097	\$8,024	4	G151563	\$819	2	G850617	\$1,395	13
G120016	\$524	2	G130282	\$618	2	G140692	\$1,152	7	G150098	\$9,275	4	G151564	\$887	7	G850618	\$1,489	13
G120076	\$559	2	G130284	\$849	2	G140693	\$1,594	8	G150099	\$10,921	4	G151565	\$866	7	G850619	\$2,213	13
G120077	\$584	2	G130325	\$669	7	G140696	\$1,352	7	G150102	\$1,832	8	G151566	\$950	7	G850620	\$2,351	13
G120086	\$541	2	G130326	\$747	7	G140697	\$1,789	8	G150103	\$1,904	8	G151680	\$12,068	8	G850621	\$3,604	13
G120087	\$650	2	G130327	\$731	7	G140698	\$3,255	11	G150104	\$3,574	8	G151688	\$2,537	8	G850622	\$4,110	13
G120088	\$622	2	G130328	\$857	7	G140699	\$3,346	11	G150106	\$2,839	8	G151689	\$5,625	8	G850623	\$4,233	13
G120089	\$603	2	G130565	\$876	5	G140700	\$2,400	9	G150108	\$3,350	8	G151690	\$6,833	8	G850624	\$4,807	13
G120103	\$495	2	G130662	\$1,200	9	G140701	\$2,955	9	G150110	\$4,940	8	G151691	\$8,697	8	G850625	\$6,248	13
G120185	\$712	2	G130663	\$1,373	9	G140709	\$1,386	18	G150112	\$5,084	8	G151696	\$526	2	G850626	\$7,689	13
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G120387	\$1,119	12	G131082	\$978	2	G150002	\$3,522	3	G150122	\$1,765	2	G151702	\$531	2			
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G120585	\$729	9	G131237	\$644	5	G150009	\$2,268	3	G150143	\$1,109	3	G158140	\$2,235	14			
G120586	\$909	9	G131239	\$631	5	G150011	\$2,532	3	G150144	\$1,138	3	G158157	\$2,116	14			
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G120588	\$989	9	G131249	\$635	7	G150015	\$3,080	3	G150146	\$1,808	3	G158159	\$2,246	14			
G120858	\$731	9	G131250	\$1,038	7	G150017	\$3,320	3	G150147	\$4,812	3	G158319	\$1,395	14			
G120911	\$1,167	9	G131338	\$763	5	G150019	\$3,976	3	G150148	\$6,134	4	G158362	\$1,323	14			
G120991	\$753	7	G131497	\$884	7	G150021	\$3,754	4	G150149	\$7,012	4	G158366	\$1,371	14			
G121072	\$585	7	G131575	\$1,018	18	G150023	\$4,902	4	G150150	\$8,789	4	G191210	\$855	10			
G121166	\$933	9	G131635	\$1,065	18	G150025	\$4,745	4	G150151	\$7,406	4	G191212	\$898	10			
G121167	\$1,092	9	G131774	\$1,086	7	G150027	\$7,158	4	G150152	\$7,376	4	G191214	\$857	10			
G121182	\$1,217	13	G131775	\$1,373	9	G150029	\$5,782	4	G150154	\$8,448	4	G191216	\$944	10			
G121191	\$668	18	G131776	\$1,712	9	G150031	\$8,264	4	G150155	\$8,546	4	G191218	\$935	10			
G121286	\$576	7	G131899	\$833	7	G150032	\$1,829	3	G150157	\$985	2	G191220	\$894	10			
G121287	\$575	7	G131900	\$2,098	11	G150033	\$2,310	3	G150158	\$1,092	2	G191222	\$1,130	10			
G121290	\$603	7	G131901	\$2,378	11	G150034	\$2,254	3	G150159	\$1,270	3	G191224	\$1,110	10			
G121420	\$1,437	11	G131902	\$2,327	11	G150035	\$2,791	3	G150160	\$11,394	4	G191226	\$1,020	10			
G121421	\$1,700	11	G131911	\$1,712	9	G150036	\$2,654	3	G150165	\$1,085	7	G191293	\$1,213	10			
G121510	\$663	7	G132016	\$2,021	9	G150037	\$3,075	3	G150166	\$1,165	7	G825001	\$10,968	14			
G121524	\$1,416	11	G140122	\$1,076	2	G150038	\$3,184	3	G150167	\$1,277	7	G825002	\$10,036	14			
G121526	\$1,681	11	G140126	\$1,233	2	G150039	\$4,029	3	G150168	\$1,365	7	G825004	\$12,674	14			
G121528	\$2,024	11	G140146	\$1,135	7	G150040	\$3,926	4	G150170	\$915	7	G825005	\$12,344	14			
G121540	\$800	9	G140147	\$1,201	7	G150041	\$4,990	4	G150171	\$1,214	7	G825007	\$17,145	14			
G121541	\$1,394	13	G140183	\$1,026	7	G150042	\$4,391	4	G150172	\$1,204	7	G825008	\$15,178	14			
G121542	\$1,446	13	G140280	\$1,712	9	G150043	\$7,710	4	G150173	\$1,677	8	G825010	\$23,668	14			
G121543	\$1,581	13	G140281	\$2,050	9	G150044	\$6,311	4	G150175	\$1,719	8	G825011	\$19,607	14			
G121650	\$520	7	G140464	\$2,118	9	G150045	\$9,083	4	G150299	\$827	2	G825013	\$27,702	14			
G121651	\$545	7	G140466	\$1,863	9	G150062	\$1,699	3	G150352	\$21,083	4	G825014	\$23,178	14			
G121658	\$1,405	11	G140471	\$883	2,18	G150064	\$1,497	3	G151317	\$1,697	3	G825016	\$33,804	14			
G121662	\$603	2	G140482	\$1,421	7	G150065	\$1,553	3	G151318	\$2,722	3	G825017	\$27,394	14			
G121663	\$618	7	G140489	\$1,037	3,18	G150066	\$1,749	3,18	G151320	\$799	2	G825039	\$3,173	14			
G121809	\$1,437	11	G140490	\$1,054	3,18	G150067	\$2,368	3	G151322	\$848	2	G825040	\$4,412	14			
G121810	\$1,700	11	G140516	\$1,815	2	G150068	\$3,040	3	G151367	\$15,682	4	G825041	\$4,260	14			
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LM04152	\$3,346	43	LM13744	\$880	29	LM15435	\$11,585	35	LM16090	\$7,158	35	LM16494	\$989	35	LM16946	\$12,189	37
LM04278	\$3,338	43	LM13749	\$6,064	23	LM15436	\$15,356	35	LM16158	\$17,286	28	LM16495	\$1,005	35	LM16947	\$12,077	37
LM04288	\$4,395	43	LM13750	\$6,272	23	LM15437	\$13,182	35	LM16219	\$25,805	28	LM16496	\$882	35	LM16948	\$11,408	37
LM04292	\$3,611	43	LM13751	\$3,904	24	LM15438	\$14,131	35	LM16220	\$22,062	28	LM16497	\$1,265	35	LM16949	\$14,737	37
LM04299	\$4,773	43	LM13752	\$5,338	24	LM15478	\$9,127	35	LM16221	\$21,817	28	LM16498	\$1,193	35	LM16950	\$15,963	37
LM04416	\$4,927	43	LM13753	\$5,259	24	LM15479	\$9,606	35	LM16228	\$17,156	24	LM16499	\$1,049	35	LM16952	\$13,787	37
LM04421	\$6,283	43	LM13754	\$11,326	24	LM15482	\$11,568	35	LM16240	\$1,292	29	LM16500	\$1,730	35	LM16954	\$19,849	37
LM04425	\$5,151	43	LM13755	\$12,229	24	LM15483	\$10,898	35	LM16241	\$2,218	29	LM16501	\$1,442	35	LM16955	\$19,685	37
LM04431	\$7,150	43	LM13756	\$11,582	24	LM15484	\$10,110	35	LM16242	\$1,545	29	LM16502	\$1,361	35	LM16956	\$17,538	37
LM04604	\$6,848	43	LM13757	\$14,610	24	LM15490	\$8,437	26	LM16243	\$1,360	29	LM16503	\$2,342	35	LM16957	\$22,567	37
LM04705	\$7,614	43	LM13758	\$15,139	24	LM15548	\$4,283	25	LM16244	\$2,660	29	LM16504	\$1,678	35	LM16958	\$23,747	37
LM05378	\$432	43	LM13759	\$13,561	24	LM15552	\$7,805	30	LM16245	\$2,079	29	LM16505	\$1,720	35	LM16959	\$21,165	37
LM05383	\$453	43	LM13760	\$17,156	24	LM15553	\$7,837	30	LM16246	\$1,955	29	LM16506	\$2,887	35	LM16960	\$25,577	37
LM05388	\$520	43	LM13774	\$5,947	25	LM15554	\$6,992	30	LM16247	\$3,534	29	LM16507	\$2,219	35	LM16961	\$29,860	37

All motors are subject to availability.

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LM17045	\$8,097	26	LM19566	\$18,558	33	LM23751	\$16,263	39	LM24178	\$1,467	23	LM24900	\$1,480	25	LM25639	\$675	27,32
LM17046	\$11,041	26	LM19567	\$22,567	33	LM23752	\$15,038	39	LM24179	\$1,916	23	LM24901	\$1,181	25	LM26181	\$2,446	43
LM17047	\$9,230	26	LM19568	\$26,464	33	LM23768	\$851	39	LM24180	\$764	32	LM24902	\$1,244	25	LM27810	\$5,403	32
LM17048	\$13,080	26	LM19569	\$22,538	33	LM23770	\$949	39	LM24181	\$876	23	LM24903	\$1,883	25	LM27812	\$4,631	32
LM17556	\$5,307	28	LM19570	\$26,957	33	LM23771	\$905	39	LM24182	\$1,749	32	LM24904	\$1,550	25	LM27814	\$5,102	35
LM17694	\$20,583	41	LM19583	\$5,383	34	LM23772	\$1,122	39	LM24183	\$975	32	LM24905	\$1,633	25	LM27815	\$5,418	37
LM17695	\$19,969	41	LM19584	\$4,958	34	LM23773	\$1,022	39	LM24184	\$2,249	23	LM24906	\$1,955	25	LM27816	\$5,942	35
LM17696	\$24,741	41	LM19585	\$6,825	34	LM23774	\$1,173	39	LM24185	\$1,186	32	LM24907	\$2,025	25	LM28867	\$1,062	42
LM17697	\$23,212	41	LM19586	\$5,722	34	LM23775	\$1,350	39	LM24186	\$2,072	32	LM24908	\$2,359	25	LM28868	\$1,062	42
LM17698	\$27,266	41	LM20096	\$8,579	24	LM23776	\$1,502	40	LM24187	\$1,847	23	LM24918	\$468	26	LM28874	\$1,448	42
LM17700	\$32,788	41	LM20097	\$10,419	24	LM23778	\$1,525	39	LM24188	\$1,036	32	LM24920	\$548	26	LM28880	\$1,831	42
LM17707	\$17,860	41	LM20098	\$5,338	24	LM23779	\$1,920	40	LM24189	\$662	27	LM24922	\$587	26	LM28898	\$3,754	42
LM17708	\$17,531	41	LM20099	\$4,228	23	LM23780	\$2,399	40	LM24191	\$2,161	32	LM24924	\$628	26	LM28904	\$4,170	42
LM17709	\$21,231	41	LM20189	\$9,403	28	LM23799	\$2,311	40	LM24196	\$2,611	32	LM24925	\$612	26	LM28910	\$5,163	42
LM17710	\$20,493	41	LM20258	\$3,161	27	LM23800	\$2,746	40	LM24198	\$1,312	32	LM24926	\$700	26	LM28914	\$5,407	42
LM17711	\$24,281	41	LM20263	\$3,498	28	LM23801	\$3,215	40	LM24200	\$1,020	23	LM24927	\$947	26	LM28919	\$543	42
LM17712	\$23,951	41	LM20276	\$7,734	28	LM23802	\$3,421	40	LM24201	\$1,532	32	LM24928	\$1,193	26	LM28922	\$611	42
LM17713	\$27,445	41	LM20284	\$11,149	28	LM23803	\$3,903	40	LM24205	\$1,070	25	LM24933	\$1,143	27	LM28925	\$900	42
LM18394	\$4,727	28	LM20285	\$11,770	30	LM23804	\$5,059	40	LM24206	\$784	25	LM24934	\$839	27	LM29574	\$2,510	23
LM18395	\$5,394	28	LM20286	\$12,865	28	LM23805	\$4,664	40	LM24212	\$528	43	LM24936	\$740	27	LM29575	\$3,479	23
LM18397	\$6,551	28	LM20291	\$15,672	30	LM23806	\$5,747	40	LM24214	\$1,371	23	LM24937	\$622	27	LM29578	\$3,211	25
LM18398	\$7,316	28	LM20300	\$22,163	30	LM23807	\$5,630	40	LM24215	\$1,022	43	LM24938	\$1,059	27	LM29580	\$2,793	25
LM18399	\$9,228	28	LM20642	\$18,049	30	LM23808	\$7,672	40	LM24216	\$1,456	43	LM24940	\$710	27	LM29851	\$2,419	42
LM18536	\$4,543	24	LM21525	\$893	38	LM23809	\$6,926	40	LM24217	\$1,737	43	LM24941	\$1,273	27	LM29853	\$2,805	42
LM18540	\$3,904	24	LM21528	\$919	38	LM23810	\$8,910	40	LM24218	\$610	43	LM24942	\$1,103	27	LM29923	\$2,984	23
LM18542	\$4,362	24	LM21537	\$1,279	38	LM23811	\$7,771	40	LM24220	\$868	43	LM24943	\$950	27	LM29934	\$2,793	25
LM18543	\$5,417	24	LM21540	\$1,636	38	LM23812	\$9,956	40	LM24224	\$901	32	LM24944	\$1,403	27	LM29935	\$2,984	23
LM18724	\$13,561	24	LM21543	\$2,000	38	LM23813	\$11,036	40	LM24225	\$1,237	23	LM24945	\$1,175	27	LM29937	\$2,575	23
LM18725	\$5,650	24	LM21549	\$3,077	38	LM23814	\$11,408	40	LM24228	\$1,473	23	LM24950	\$608	29	LM29938	\$3,118	25
LM18727	\$5,909	24	LM21552	\$3,752	38	LM23815	\$13,615	40	LM24230	\$1,198	32	LM24951	\$852	29	LM29940	\$3,211	25
LM18729	\$7,473	24	LM21555	\$4,454	38	LM23816	\$13,433	40	LM24233	\$1,773	23	LM24952	\$912	29	LM30092	\$1,156	42
LM18731	\$8,552	24	LM22760	\$14,903	28	LM23817	\$17,014	40	LM24234	\$763	26	LM24956	\$1,140	29	LM30094	\$1,511	42
LM18746	\$9,230	26	LM22854	\$1,185	38	LM23818	\$15,789	40	LM24237	\$718	23	LM24959	\$1,355	29	LM30096	\$1,916	42
LM18748	\$8,605	24	LM23721	\$778	39	LM24082	\$500	23	LM24238	\$942	23	LM24960	\$1,186	29	LM30098	\$2,304	42
LM18751	\$8,097	26	LM23722	\$829	39	LM24085	\$533	29	LM24239	\$635	23	LM24961	\$1,126	29	LM30100	\$2,967	42
LM18752	\$11,582	24	LM23723	\$879	39	LM24086	\$543	29	LM24240	\$1,011	25	LM24962	\$1,485	29	LM30102	\$3,790	42
LM18753	\$12,355	26	LM23724	\$834	39	LM24087	\$570	29	LM24241	\$2,036	23	LM24963	\$1,244	29	LM30118	\$2,575	23
LM18754	\$14,318	26	LM23725	\$1,050	39	LM24088	\$486	27	LM24242	\$1,577	32	LM24968	\$510	31	LM30120	\$2,448	27
LM18755	\$15,514	41	LM23726	\$950	39	LM24089	\$645	27	LM24243	\$2,591	23	LM24969	\$640	31	LM30262	\$1,473	27
LM18756	\$13,506	41	LM23727	\$1,103	39	LM24090	\$522	27	LM24244	\$1,109	23	LM24970	\$529	31	LM30568	\$2,068	27
LM18897	\$3,150	29	LM23728	\$1,259	39	LM24091	\$496	27	LM24260	\$557	31	LM24971	\$524	31	LM31433	\$1,473	29
LM18899	\$3,583	27	LM23729	\$1,482	39	LM24092	\$676	27	LM24272	\$586	25	LM24972	\$755	31	LM31902	\$27,474	41
LM18902	\$3,911	28	LM23730	\$1,443	39	LM24100	\$617	23	LM24277	\$363	25	LM24973	\$608	31	LM70001	\$567	27
LM18907	\$3,690	30	LM23731	\$1,812	39	LM24101	\$464	23	LM24343	\$548	25	LM24976	\$694	31	LM70002	\$619	27
LM19545	\$6,096	32	LM23732	\$2,412	39	LM24113	\$693	29	LM24344	\$521	25	LM24978	\$722	31	LM70003	\$888	27
LM19546	\$5,277	32	LM23733	\$2,202	39	LM24115	\$718	27,32	LM24357	\$593	44	LM24979	\$685	31	LM70004	\$975	27
LM19547	\$5,064	32	LM23734	\$2,635	39	LM24116	\$439	23	LM24358	\$486	44	LM24980	\$1,056	31	LM71001	\$587	29
LM19549	\$7,777	32	LM23735	\$3,026	39	LM24119	\$559	27	LM24359	\$506	44	LM24981	\$879	31	LM71002	\$640	29
LM19550	\$6,507	32	LM23736	\$3,228	39	LM24120	\$565	23	LM24873	\$776	23	LM24982	\$786	31	LM71003	\$905	29
LM19552	\$9,191	32	LM23737	\$3,714	39	LM24122	\$722	29	LM24876	\$734	23	LM24983	\$1,431	31	LM71004	\$992	29
LM19553	\$8,295	32	LM23738	\$4,647	39	LM24123	\$622	23	LM24879	\$366	25	LM24984	\$1,137	31			
LM19554	\$8,027	32	LM23739	\$4,346	39	LM24147	\$463	43	LM24880	\$412	25	LM24985	\$1,151	31			
LM19555	\$10,531	32	LM23740	\$5,430	39	LM24149	\$593	31	LM24881	\$603	25	LM24986	\$1,011	31			
LM19556	\$10,515	32	LM23741	\$5,313	39	LM24150	\$524	23	LM24886	\$670	25	LM24987	\$1,485	31			
LM19557	\$9,890	32	LM23742	\$7,932	39	LM24157	\$811	32	LM24888	\$571	25	LM24988	\$1,215	31			
LM19558	\$12,846	32	LM23743	\$6,416	39	LM24164	\$697	32	LM24890	\$807	25	LM24989	\$1,865	31			
LM19559	\$13,961	33	LM23744	\$9,407	39	LM24167	\$764	32	LM24892	\$664	25	LM25221	\$512	44			
LM19560	\$11,962	33	LM23745	\$7,676	39	LM24171	\$1,054	23	LM24893	\$831	25	LM25470	\$771	43			

**TERMS AND CONDITIONS OF SALES QUOTATIONS ARE MADE AND ORDERS ARE ACCEPTED BY SELLER ONLY TO THESE TERMS AND CONDITIONS. THE SELLER FOR THESE TERMS AND CONDITIONS APPLY TO BOTH LEESON ELECTRIC AND LINCOLN MOTORS PRODUCTS:****1. AGREEMENT AND MODIFICATION OF SALES TERMS.**

The agreement between Seller and Buyer ("Sales Contract") is with respect to the sale of goods described on the other side hereof (the "Goods"). Any Terms and Conditions contained in any purchase order or other form of communication from Seller's customers, which are additional to or different from these Terms and Conditions, shall be deemed rejected by Seller unless expressly accepted in writing by Seller.

2. ACCEPTANCE OF ORDERS.

Acceptance by Seller of Buyer's purchase order(s) is expressly conditioned upon Buyer's assent to these Terms and Conditions. Buyer will be deemed to have assented to such Terms and Conditions unless Seller receives written notice of any objections within 10 days after Buyer's receipt of this form or in all events prior to any delivery or other performance by Seller of Buyer's order.

3. QUOTATIONS.

Quotations by Seller shall be deemed to be offers by Seller to sell the Goods described therein subject to these Terms and Conditions, and acceptance of such offers is expressly limited to acceptance by Buyer of all of these Terms and Conditions within 30 days from the date of the quotation or as specified. Purchase orders submitted by Buyer for the Goods quoted by Seller shall be subject to and will be deemed to constitute acceptance of these Terms and Conditions. All purchase orders will be subject to approval by Seller.

4. TERMINATION OR MODIFICATION.

The Sales Contract may be modified or terminated only upon Seller's express written consent, which consent will at all times be conditioned on Buyer's agreement to pay Seller's modification or termination charges including, but not limited to expenses and costs plus a reasonable profit, except that any Goods completed on or before Seller's acceptance of termination shall be accepted and paid in full by Buyer.

5. PRICES AND TERMS.

Fulfillment of Buyer's order is contingent upon the availability of materials. The price of the Goods sold pursuant to the Sales Contract shall be based upon Seller's prices in effect at the time of shipment and any acceptance of the order will be on the basis of the freight rates in effect at the time of shipment. In the event of an increase or decrease in the applicable freight charges before the material is shipped, such changes in freight charges will be for the account of Buyer. Price advances, discounts, extras and terms and conditions are subject to changes without notice. Unless otherwise provided on the front side hereof, price is F.O.B. Seller's point of shipment, and terms of payment shall be net 30 days from date of invoice. Seller may assess finance and service charges of 1-1/2 percent per month (or the highest rate allowed by state law) on invoices not paid within stated payment terms. Open account credit status is offered at the discretion of the Seller. Seller may discontinue open account status or change credit limit as warranted, in its opinion, by the financial condition and/or credit history of the Buyer. Seller may require full or partial payment or payment guarantees in advance of shipment whenever, in its opinion, the financial condition and/or credit history of Buyer so warrants. In addition, Seller may, at any time, suspend performance of any order or require payment in cash, security or other adequate assurance satisfactory to Seller when, in Seller's opinion, the financial condition and/or credit history of Buyer warrants such action.

6. TAXES.

Prices do not include sales, use or other similar federal, state or local taxes. Buyer shall either have a tax-exemption certificate on file with the Seller or pay to Seller, in addition to the price of the Goods, any and all applicable taxes, which may be invoiced separately at a later date.

7. DESIGN; EXTRA WORK; BUYER'S MATERIAL.

(a) If any order accepted by Seller contemplates the preparation of special designs by Seller, Buyer issuing such order will have a responsible representative specifically approve all designs prepared by Seller. (b) If Buyer requests extra work not included in the quotation or original order, Buyer will pay for the extra work at reasonable rates as

determined by Seller. (c) In the event spoilage/damage occurs on orders where Buyer furnishes any material, Seller shall not be liable for replacement of or damage to such material.

8. RISK OF LOSS, SECURITY INTEREST.

Delivery shall occur, and risk of loss shall pass to Buyer, upon delivery of the Goods to a carrier at the F.O.B. point of shipment. Transportation shall be at Buyer's sole risk and expense, and any claims for losses or damage in transit shall be against the carrier only. Buyer agrees to perform all acts necessary to provide a fully perfected security interest in the Goods in favor of Seller. Seller may, at its option, repossess the same, upon Buyer's default in payment hereunder, and charge Buyer with any deficiency.

9. DELIVERIES AND QUANTITIES.

(a) Delivery dates are not guaranteed but are estimated on the basis of immediate receipt by Seller of all information to be furnished by Buyer and the absence of delay, direct or indirect, resulting from or contributed to by circumstances beyond Seller's reasonable control. If the Goods are non-catalog Goods, Seller may ship overages or underages to the extent of 10 percent of quantity ordered, and Buyer shall pay for such quantity based upon the unit price of the Goods. Seller shall not be required to maintain closer control of quantity, unless specifically agreed to by Seller in writing. Quantities of all Goods may be determined by weight. Any claims for shortage must be within 10 days from the date of receipt of the Goods by Buyer, and in every case the weights found in any particular shipment, including tare, must be given and Seller advised as to the method used by Buyer in computing the count of Goods. (b) In the event that Buyer is unable to accept delivery of the Goods at time of shipment, Seller shall invoice Buyer for the full purchase price as if shipment had been made and: (i) if Seller is able to store such Goods in its own facilities, Buyer will pay Seller the reasonable handling and storage charges for the period of such storage, and (ii) if Seller is unable to store such Goods at its own facility, Seller reserves the right to arrange handling and storage in a suitable bonded warehouse for the Buyer at Buyer's expense. In cases where handling and storage become necessary, it shall be Buyer's responsibility to notify Seller when shipment is to be made. Seller will make necessary arrangements for shipment at Buyer's expense.

Freight and handling charges by Seller may not reflect actual freight charges prepaid to the carrier by Seller due to incentive discounts earned by Seller based upon Seller's aggregate volume of freight tendered to a carrier or when a carrier must be used which charges a rate which is different than the rate upon which the Seller's freight and handling charges were based. When shipments are delivered in Seller's private trucks, Buyer will be charged an amount approximating the prevailing common carrier rate.

10. RETURNED GOODS.

Goods may not be returned. However, if Seller consents in writing or upon verbal authorization to the return of Goods for any reason, Buyer, who also shall assume all risk of loss of such returned Goods until actual receipt by Seller, must prepay transportation charges.

11. INSPECTION, ACCEPTANCE.

Buyer shall inspect the Goods immediately upon the receipt thereof. All claims by Buyer (including claims for shortages), except only those provided for under the WARRANTY AND LIMITATIONS OF LIABILITY and PATENTS clauses below, must be asserted in writing by Buyer within a 10-day period or they are waived. If this contract involves partial performances, all such claims must be asserted within a 10-day period for each partial performance. Rejection may be only for defects substantially impairing the value of the Goods. Buyer's remedy for lesser defects shall be those provided for under the Warranty and Limitations of Liability clauses. THERE SHALL BE NO REVOCATION OF ACCEPTANCE. If Buyer wrongfully rejects, revokes or delays acceptance of items or work tendered under this contract, or fails to make a payment due on or before delivery, or repudiates this contract, Seller shall, at its option, have the right to recover as damages, either the price as stated herein (upon recovery of the price, the Goods involved shall become the property of the Buyer) or the profit



(including reasonable overhead) which the Seller would make from performance together with incidental damages and reasonable costs.

12. WARRANTIES, LIMITATIONS OF LIABILITY AND DISCLAIMER.

(a) Seller warrants to the Buyer that its motors, gear reducers, gearmotors, gearboxes, DC controllers, and AC drives are free from defects in workmanship and materials when operated under normal conditions and in accordance with nameplate characteristic limits. This warranty shall be in effect for a period of 12 months from date of installation, but in no event be in effect for more than 18 months from date of manufacture, with the following exceptions: i) EPACT motors ("G" prefix), which are warranted for a period of 24 months from date of installation but for not more than 30 months from date of manufacture, ii) Wattsaver Premium Efficiency three phase motors and Speedmaster Inverter-Duty motors are warranted for a period of 36 months from the date of installation but for not more than 42 months from the date of manufacture, & iii) Motor brakes provided as coupler brakes, brake kits, or as part of brakemotors are covered by the manufacturers' (Stearns or Dings) warranties. Certain Goods are warranted for different periods of time under specific conditions. Buyer must consult the current product catalog or internet site to confirm this warranty period.

(b) Seller's sole obligation under the foregoing warranties is limited to either, at Seller's option, replacing or repairing defective Goods (or defective parts thereof) within the warranty period. Seller shall not be liable under any circumstances, for consequential or incidental damages, including, but not limited to personal injury or labor costs. This warranty does not cover the cost of removal, installation, or re-testing of the new or repaired Goods or parts, or any other direct or incidental expenses incurred in shipping the Goods to or from Seller. Replacement Goods or parts are warranted for the remainder of the warranty period applicable to the Goods originally supplied by Seller. All claims for allegedly defective Goods must be made within 10 days after Buyer learns of such alleged defects. All claims not made in writing and received by Seller within such 10-day period shall be deemed waived. With prior approval from Seller, Buyer shall return a sample of the alleged defective part, freight prepaid, for Seller's inspection, and no other Goods shall be returned to Seller's District Office/Warehouse, nearest factory, or Authorized Service Center without Seller's written consent. This warranty shall not extend to Goods subjected to misuse, abuse, neglect, accident or improper installation or maintenance, incorrect lubrication, incorrect electrical connection, improper power supply, or Goods which have been altered or repaired by anyone other than Seller or its authorized representative.

(c) Under no circumstances will Seller be responsible for any expense in connection with any repairs made by anyone other than Seller or an Authorized Service Center, unless such repairs have been specifically authorized in writing by the Seller Service and Warranty Department.

(d) In the case of motors, drives, gears and reducers manufactured or marketed by Seller, Seller warrants only that such Goods, when shipped, shall be capable of delivering the service rating as indicated in Seller's written documents, including quotations and catalogs or as noted on such Goods, providing such Goods are properly installed, connected, and maintained, correctly lubricated, operating under normal conditions with competent supervision, and within the load limits and voltage range for which it was sold, and provided further that the equipment is free from critical speed, torsional or other type vibration, no matter how induced.

(e) If any prototype or sample was provided to the Buyer, it was used merely to illustrate the general type and quality of Goods and not to warrant that Goods shipped would be of that type or quality.

(f) UNLESS AUTHORIZED IN WRITING BY A CORPORATE OFFICER OR VICE PRESIDENT, NO AGENT, EMPLOYEE OR REPRESENTATIVE OF SELLER HAS ANY AUTHORITY TO BIND SELLER TO ANY AFFIRMATION, REPRESENTATION OR WARRANTY CONCERNING THE GOODS SOLD UNDER THE SALES CONTRACT AND ANY SUCH AFFIRMATION, REPRESENTATION OR WARRANTY HAS NOT FORMED A PART OF THE BASIS OF THE BARGAIN AND SHALL BE UNENFORCEABLE.

(g) THE FOREGOING WARRANTIES ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND/OR ANY OTHER TYPE, WHETHER EXPRESS OR IMPLIED.

(h) Products not manufactured and work not performed by Seller are warranted only to the extent and in the manner that the same are warranted to Seller by Seller's vendors, and then only to the extent that Seller is reasonably able to enforce such warranty. In enforcing such warranty, it is understood Seller shall have no obligation to initiate litigation unless Buyer undertakes to pay all costs and expenses therefor, including but not limited to reasonable attorney's fees, and indemnifies Seller against any liability to Seller's vendors arising out of such litigation.

(i) THE FOREGOING IS SELLER'S ONLY OBLIGATION AND BUYER'S EXCLUSIVE REMEDY FOR BREACH OF WARRANTY. BUYER'S FAILURE TO SUBMIT A CLAIM AS PROVIDED ABOVE SHALL SPECIFICALLY WAIVE ALL CLAIMS FOR DAMAGES OR OTHER RELIEF INCLUDING BUT NOT LIMITED TO CLAIMS BASED ON LATENT DEFECTS. EVEN IF THE REPAIR OR REPLACEMENT REMEDY SHALL BE DEEMED TO HAVE FAILED OF ITS ESSENTIAL PURPOSE UNDER SECTION 2-719 OF THE UNIFORM COMMERCIAL CODE, SELLER SHALL HAVE NO LIABILITY TO BUYER FOR CONSEQUENTIAL DAMAGES, SUCH AS LOST PROFITS, LOST REVENUE, DAMAGE TO OTHER EQUIPMENT OR LIABILITY OR INJURY TO A THIRD PARTY. IN NO EVENT SHALL BUYER BE ENTITLED TO INCIDENTAL, CONSEQUENTIAL, OR SPECIAL DAMAGES, NOR SHALL SELLER'S LIABILITY EXCEED THE PURCHASE PRICE OF THE GOODS. ANY ACTION ARISING HEREUNDER OR RELATED HERETO MUST BE COMMENCED WITHIN ONE (1) YEAR AFTER THE CAUSE OF ACTION OCCURS OR IT SHALL BE BARRED, NOTWITHSTANDING ANY STATUTORY PERIOD OF LIMITATIONS TO THE CONTRARY.

(j) In the event of the resale of any of the Goods, in whatever form, Buyer will include the following language in a conspicuous place and in a conspicuous manner in a written agreement covering such resale: "THE MANUFACTURER MAKES NO WARRANTIES OR REPRESENTATIONS, EXPRESS OR IMPLIED, BY OPERATION OF LAW OR OTHERWISE, AS TO THE MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OF THE GOODS SOLD HEREUNDER. BUYER ACKNOWLEDGES THAT IT ALONE HAS DETERMINED THAT THE GOODS PURCHASED HEREUNDER WILL SUITABLY MEET THE REQUIREMENTS OF THEIR INTENDED USE. IN NO EVENT WILL MANUFACTURER BE LIABLE FOR CONSEQUENTIAL, INCIDENTAL OR OTHER DAMAGES."

(k) Nuclear Use Disclaimer - Goods sold by Seller are not intended for use in connection with any nuclear facility or activity. If so used, Seller disclaims all liability for any nuclear damage, injury or contamination, and Buyer shall indemnify and hold Seller, its officers, agents, employees, successors, assigns and customers harmless from and against any and all losses, damages or expenses of whatever form or nature (including attorneys' fees and other costs of defending any action) which they or any of them may sustain or incur, whether as a result of breach of contract, warranty, tort (including negligence) or otherwise, by reason of such use.

13. REMEDIES AND LIMITATIONS OF LIABILITY.

In the event Buyer claims Seller has breached any of its obligations under the Sales Contract, whether of warranty or otherwise, Seller may request the return of Goods and tender to Buyer, at Seller's option, a replacement shipment of Goods. If Seller so requests the return of the Goods, the Goods will be redelivered to Seller in accordance with Seller's instructions and at Buyer's expense. Except as herein provided, Seller shall have no further obligation under the Sales Contract. The remedies contained in this paragraph and paragraph 12 hereof shall constitute the sole recourse of Buyer against Seller for breach of any of Seller's obligations under the Sales Contract, whether warranty or otherwise.

14. TECHNICAL ADVICE.

Any technical advice furnished or recommendation made by Seller or any representative of Seller concerning any use or application of any of the Goods is believed to be reliable, but SELLER MAKES NO WARRANTY, EXPRESSED OR IMPLIED, ON RESULTS TO BE OBTAINED. BUYER ASSUMES ALL RESPONSIBILITY FOR LOSS OR DAMAGE RESULTING FROM THE HANDLING OR USE OF ANY OF THE GOODS.

15. FORCE MAJEURE.

Seller shall not be liable for failure to perform its obligations under the Sales Contract in whole or in part caused by the occurrence of any contingencies beyond the



reasonable control either of Seller or of suppliers of Seller. If any such contingency occurs, Seller may allocate Goods and deliveries among Seller's customers.

16. ASSIGNMENT AND DELEGATION.

No right or interest in the Sales Contract shall be assigned by Buyer without Seller's prior written consent, and no delegation of any obligation owed, or to the performance of any obligation by Buyer shall be made without Seller's prior written consent. Any attempt at assignment or delegation shall be wholly void and totally ineffective for all purposes unless made in conformity with this paragraph.

17. PATTERNS AND TOOLING.

Unless otherwise agreed to in writing with Buyer, Seller shall retain title to and possession of all special tooling, patterns and dies whether paid for by Buyer or not, but such special tooling, patterns and dies that are specifically paid for by Buyer will be held by Seller exclusively for the manufacture of Buyer's Goods for not more than 2 years after the date of Buyer's last order requiring their use. Seller will exercise reasonable care in handling and storing any tooling, patterns or dies specifically paid for by Buyer, but Seller shall not be liable for damage or loss thereof.

18. PATENTS. SELLER MAKES NO REPRESENTATION OR WARRANTY WITH RESPECT TO THE PATENTABILITY OF THE GOODS OR THAT ANY OF THE GOODS WILL BE FREE FROM CLAIMS OF INFRINGEMENT.

Buyer agrees to indemnify and defend Seller in any such suit, action or proceeding for any claim resulting from actual or alleged infringement of any domestic or foreign letters patent for (i) any feature, construction or design incorporated at Buyer's request in any Goods or to adapt such Goods to the particular use of Buyer or Buyer's customers or (ii) any additions, changes or adaptations made by Buyer or Buyer's customers after delivery of the Goods.

19. CONFIDENTIAL INFORMATION.

All drawings, diagrams, specifications, technical data and other materials furnished by Seller and identified by Seller as confidential are and shall remain the exclusive property of Seller and shall be returned to Seller upon request. Buyer agrees to treat such information and material as confidential and not to reproduce or disclose such information or materials without Seller's prior written consent. This paragraph does not apply to any information already known to and readily accessible in the trade or which may become so through no fault of Buyer.

20. CHANGES.

Seller may, at any time, without notice, make changes (whether in design, material, improvements or otherwise) in any catalog Goods, and may discontinue the manufacture of any catalog Goods, all in its sole discretion, without incurring any obligations of any kind as a result thereof, whether for failure to fill an order of Buyer or otherwise.

21. CANCELLATION.

The Buyer may not cancel purchase orders without the prior written consent of Seller. This consent will be conditioned on Buyer's agreement to pay Seller's cancellation charges. Purchase orders for Goods that are substantially complete, as judged by Seller, may not be cancelled and will be shipped and invoiced at the price on the order. For Goods that are not substantially complete, the cancellation charge shall amount to all costs and expenses incurred by Seller and arising out of or in connection with Buyer's order, net of recoverability, but in no event less than 10% of the total invoice price of the equipment or more than the total invoice price.

22. INSTALLATION.

Installation of the Goods shall be by Buyer unless otherwise specifically stated in the Sales Contract.

23. SEVERABILITY.

If any term or provision contained in the Sales Contract is declared or held invalid by a court of competent jurisdiction, such declaration or holding shall not affect the validity of any other term, clause or provision contained herein.

24. GOVERNING LAW AND LIMITATION.

(a) These Terms and Conditions, and the contract of sale between Seller and Buyer, shall be governed by and construed in accordance with the laws of the State of Wisconsin. Seller and Buyer hereby agree that any legal action deemed necessary by either party hereto shall be brought in the Circuit Court in and for Ozaukee County,

Wisconsin and hereby consent to the personal jurisdiction of such court in any such action over the parties hereto. The rights and obligations of Seller and Buyer shall not be governed by the provisions of the United Nations Convention on Contracts for the International Sale of Goods.

(b) Attorney's Fees – Buyer agrees to pay all of Seller's costs and expenses of collection and litigation, including but not limited to attorneys' fees and costs.

(c) Applicability - The Terms and Conditions as stated herein are applicable as of the date of this printing and until such time as changed by Seller.

Revised, December, 2007



IMPORTANT INFORMATION PLEASE READ CAREFULLY



This catalog is not intended to provide operational instructions. Appropriate LEESON Electric instructions provided with the motor and precautions attached to the motor should be read carefully prior to installation, operation and/or maintenance of the equipment. Injury to personnel or motor failure may be caused by improper installation, maintenance or operation.

The following and information is supplied to you for your protection and to provide you with many years of trouble free and safe operation of your LEESON Electric product:



- Disconnect power and lock out driven equipment before working on a motor.
- Always keep hands and clothing away from moving parts.
- The lifting support on the motor is not to be used to lift the entire machine. Only the motor attached directly to the support may be safely lifted by the support.
- Install and ground per local and national codes.
- Discharge all capacitors before servicing a single phase motor.
- Misapplication of a motor in hazardous environments can cause fire or an explosion and result in serious injury. Only the end user, local authority having jurisdiction, and/or insurance underwriter are qualified to identify the appropriate class(es), group(s), division and temperature code LEESON Electric personnel cannot evaluate or recommend what motors may be suitable for use in hazardous environments. If a motor is name plated for hazardous locations, do not operate the motor without all of the grease and drain plugs installed.
- Never attempt to measure the temperature rise of a motor by touch. Temperature rise must be measured by thermometer, resistance, resistance, imbedded detector or thermocouple.
- Motors with automatic reset thermal protectors will automatically restart when the protector temperature drops sufficiently. Do not use motors with automatic reset thermal protectors in applications where automatic restart will be hazardous to personnel or equipment.
- Motors with manual reset thermal protectors may start unexpectedly after the protector trips when the surrounding air is at +20° Fahrenheit or lower. If the manual reset protector trips, disconnect motor from its power supply. After the protector cools (five minutes or more), it can be reset and power may be applied to the motor.
- Connect all protective device leads, marked P1, P2, etc., per instructions supplied with the motor.
- Operation of a motor at other than its nameplate rating may result in fire, damage to equipment or serious injury to personnel.
- For safety, Buyer or User should provide protective guards over all shaft extensions and any moving apparatus mounted thereon. The User is responsible for checking all applicable safety codes in his area and providing suitable guards. Failure to do so may result in bodily injury and/or damage to equipment.



- Consult qualified personnel with questions and all electrical repairs must be performed by trained and qualified personnel only.
- For motors nameplated as "belted duty only", do not operate the motor without belts properly installed.
- Motors and/or driven equipment should not be operated faster than their rated speed.
- For inverter applications, follow the inverter manufacturer's installation guidelines.
- Make sure the motor is properly secured and aligned before operation.

In the event of the resale of any of the goods, in whatever form, Resellers/Buyers will include the following language in a conspicuous place and in a conspicuous manner in a written agreement covering such sale:

The manufacturer makes no warranty or representations, express or implied, by operation of law or otherwise, as to the merchantability or fitness for a particular purpose of the goods sold hereunder. Buyer acknowledges that it alone has determined that the goods purchased hereunder will suitably meet the requirements of their intended use. In no event will the manufacturer be liable for consequential, incidental or other damages. Even if the repair or replacement remedy shall be deemed to have failed of its essential purpose under Section 2-719 of the Uniform Commercial Code, the manufacturer shall have no liability to Buyer for consequential damages.

Resellers/Buyers agree to also include this entire document including the warnings and cautions above in a conspicuous place and in a conspicuous manner in writing to instruct users on the safe usage of the product.

This information should be read together with all other printed information supplied by LEESON Electric.

For more information contact: **LEESON Electric**, 2100 Washington Street, Grafton, Wisconsin 53024
Phone: 262-377-8810 or Fax: 262-377-3440



DISTRICT SALES OFFICES AND WAREHOUSES

■ SALES OFFICE AND WAREHOUSE

□ SALES OFFICE ONLY

LEESON District Sales Offices & Warehouses can provide complete information including price and availability on both standard stock and special motors.

□ **ARKANSAS, Little Rock**

District Mgr.,
Kevin Springstead
972/245-2017
Fax: 972/245-2328

■ **CALIFORNIA, Los Angeles**

Co-District Mgrs.,
Felix Wilson,
Oswald Aguirre
323/278-7979
Fax: 323/278-7955

■ **CALIFORNIA, San Francisco**

District Mgr.,
Dave Richardson
925/371-8125
Fax: 925/371-5673

■ **COLORADO, Denver**

District Mgr.,
Mike Kannawin
303/331-6500
Fax: 303/331-6510

■ **CONNECTICUT, Hartford / Metro Boston, MA**

Co-District Mgrs.,
Craig Brisbane,
Joel Casaubon
508/347-5117
Fax: 508/347-2612

■ **FLORIDA, Tampa**

District Mgr., Bill Taylor
813/740-2571
Fax: 813/663-9104

■ **GEORGIA, Atlanta**

District Mgr., Walter
Brooks
770/933-0453
Fax: 770/933-0549

■ **ILLINOIS, Chicago**

Co District Mgrs.,
Mike Miller,
Robert Sheppard
630/458-9511

Fax: 630/458-1923

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Matt Simco
440/951-5117
Fax: 440/975-3575

□ **IOWA, Des Moines**

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Bob Lewis
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Fax: 913/599-6987

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District Mgr., Craig Brisbane
570/325-3684
Fax: 570/325-3870

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District Mgr., Greg Norris
616/249-8430
Fax: 616/249-8628

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District Mgr., John Marshall
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Fax: 952/935-8399

■ **MISSOURI, St. Louis**

District Managers
Pat and Ken Anvender
314/714-1460
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□ **NEW JERSEY/METRO NEW YORK/LONG ISLAND**

(Plainfield, NJ 18229)
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■ **NEW YORK, Syracuse**

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Chris Brisbane
866/505-8796
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■ **NORTH CAROLINA, Charlotte**

District Mgrs.,
Steve McAbee
and Doug Landgraf
803/396-8200
Fax: 803/396-8208

■ **OHIO, Cincinnati**

District Mgr., Ken Simko
513/755-1000
Fax: 513/755-1081

■ **OHIO, Cleveland**

District Mgr., Matt Simko
440/951-5117
Fax: 440/975-3575
800/331-2911 (W.PA, WV)

■ **PENNSYLVANIA, Allentown/Philadelphia**

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District Mgr., Homer
Rodden,
Kevin Springstead
972/245-2017
Fax: 972/245-2328

■ **TEXAS, Houston**

Contact,
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713/952-5337
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■ **UTAH, Salt Lake City**

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800/730-5290
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District Mgr.,
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www.leeson.com

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FOR MORE INFORMATION CONTACT:



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