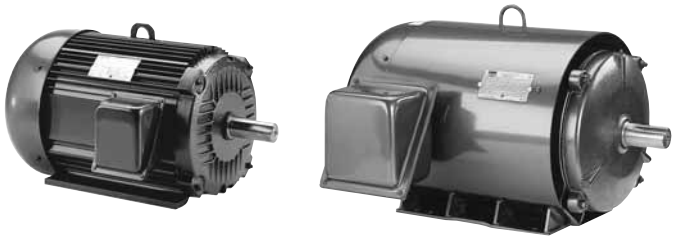
TEFC 15 TO 60 HZ CONSTANT TORQUE INVERTER DUTY

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

Features:

- **4:1 Constant torque speed range at continuous duty of 15-60 Hz.**
- **Variable torque speed range with open loop drive of 0-60 Hz.**
- **Constant horsepower speed range of 2x base speed (56-256T frames) or 1.5x base speed* (284T-449T frames).**
- **Wider speed ranges possible on intermittent duty**
- Ultimate Spike Defense™ Insulation System
- 1.00 service factor on PWM waveform, 1.15 service factor or better on sine-wave power.
- Precision dynamic balanced rotor assembly
- Thermal overload protection (Class F thermostats)
- Warranty: 42 months from date of manufacture and 36 months from date of installation which ever period expires first.
- Made in the U.S.A.



Applications:

For use in constant torque (conveyors, machine tools) or variable torque (pumps, fans) variable speed applications within the stated speed range of the motor.

In a very small percentage of installations, bearing currents can develop in motors operated by PWM-based adjustable-speed drives. Contact your local sales office to review ways of eliminating bearing currents.

* Actual speed not to exceed "RPM MAX" listed for specific motor.

FOOT MOUNT

HP	SYN RPM @ 60 Hz	RPM Max	Frame	FL Nom Eff (%)	Volts	Model Number	Product Number	Notes (see page 306)	Approx Shpg Wght (lbs)	List Price	Mult Sym
1/3	1800	4000	56	72.0	230/460	SRF4S0.33T61Q40	**LM22644**		28	$458	LS-1
1/2	3600	4000	56	70.0	230/460	SRF2S0.5T61Q40	**LM22646**		28	442	LS-1
	1800	4000	56	74.0	230/460	SRF4S0.5T61Q40	**LM22648**		28	527	LS-1
	1200	4000	56	70.0	230/460	SRF6S0.5T61Q40	**LM22650**		28	629	LS-1
3/4	3600	4000	56	74.0	230/460	SRF2S0.75T61Q40	**LM22652**		28	470	LS-1
	1800	4000	56	77.0	230/460	SRF4S0.75T61Q40	**LM22654**		28	536	LS-1
	1200	4000	56	72.0	230/460	SRF6S0.75T61Q40	**LM22656**		36	637	LS-1
1	3600	4000	56	75.5	230/460	SRF2S1T61Q40	**LM22658**		28	536	LS-1
	1800	4000	56	78.5	230/460	SRF4S1T61Q40	**LM22660**		28	553	LS-1
	1800	4000	143T	82.5	230/460	SSF4P1T61Q40	**LM26097**		46	621	LS-1
	1200	4000	145T	80.0	230/460	SSF6P1T61Q40	**LM26383**		51	747	LS-1
1 1/2	3600	4000	56	78.5	230/460	SRF2S1.5T61Q40	**LM22662**		28	574	LS-1
	3600	4000	143T	82.5	230/460	SSF2P1.5T61Q40	**TBD**		46	688	LS-1
	1800	4000	56H	80.0	230/460	SRF4S1.5T61Q40	**LM22664**		28	610	LS-1
	1800	4000	145T	84.0	230/460	SSF4P1.5T61Q40	**LM26098**		51	628	LS-1
	1200	4000	182T	85.5	230/460	AAF6P1.5T61Q40	**LM21188**		83	841	LS-1
2	3600	4000	56H	78.5	230/460	SRF2S2T61Q40	**LM22666**		36	618	LS-1
	3600	4000	145T	84.0	230/460	SSF2P2T61Q40	**TBD**		51	729	LS-1
	1800	4000	145T	84.0	230/460	SSF4P2T61Q40	**LM25991**		51	654	LS-1
	1200	4000	184T	86.5	230/460	AAF6P2T61Q40	**LM21191**		92	902	LS-1
3	3600	4000	182T	85.5	230/460	AAF2P3T61Q40	**LM21189**		83	861	LS-1
	1800	4000	182T	87.5	230/460	AAF4P3T61Q40	**LM21190**		83	793	LS-1
	1200	4000	213T	87.5	230/460	AF6P3T61Q40	**LM21194**		127	1141	LS-1
5	3600	4000	184T	87.5	230/460	AAF2P5T61Q40	**LM21192**		92	1001	LS-1
	1800	4000	184T	87.5	230/460	AAF4P5T61Q40	**LM21193**		92	884	LS-1
	1200	4000	215T	87.5	230/460	AAF6P5T61Q40	**LM21197**		138	1522	LS-1

Prices and data subject to change without notice.

Product numbers in red are STOCK items.

TEFC 15 TO 60 HZ CONSTANT TORQUE INVERTER DUTY

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

FOOT MOUNT (cont'd)

HP	SYN RPM @ 60 Hz	RPM Max	Frame	FL Nom Eff (%)	Volts	Model Number	Product Number	Notes (see page 306)	Approx Shpg Wght (lbs)	List Price	Mult Sym
7 1/2	3600	4600	G213T	88.5	230/460	AF2P7.5T61Q40	LM21195		127	$1353	LS-1
	1800	4600	213T	89.5	230/460	AF4P7.5T61Q40	LM21196		127	1166	LS-1
	1200	4400	254T	89.5	230/460	AAF6P7.5T61Q40	LM21200		209	1937	LS-1
10	3600	4600	G215T	89.5	230/460	AF2P10T61Q40	LM21198		138	1480	LS-1
	1800	4600	215T	89.5	230/460	AF4P10T61Q40	LM21199		138	1303	LS-1
	1200	4400	256T	89.5	230/460	AAF6P10T61Q40	LM21203		236	2483	LS-1
15	3600	4400	G254T	90.2	230/460	AAF2P15T61Q40	LM21201		209	1976	LS-1
	1800	4400	254T	91.0	230/460	AF4P15T61Q40	LM21202		209	1873	LS-1
	1200	4200	284T	90.2	230/460	AF6P15T61YQ40	LM21206		363	3274	LS-1
20	3600	4400	256T	90.2	230/460	AF2P20T61Q40	LM21204		236	2295	LS-1
	1800	4400	256T	91.0	230/460	AF4P20T61Q40	LM21205		236	2169	LS-1
	1200	4200	286T	90.2	230/460	AF6P20T61YQ40	LM21209		408	3792	LS-1
25	3600	4200	284TS	91.0	230/460	AF2P25TS61YQ40	LM21207		363	3076	LS-1
	1800	4200	284T	92.4	230/460	AF4P25T61YQ40	LM21208		363	2849	LS-1
	1200	4000	324T	91.7	230/460	SF6P25T61YQ40	LM21212		504	4761	LS-1
30	3600	4200	286TS	91.0	230/460	AF2P30TS61YQ40	LM21210		408	3553	LS-1
	1800	4200	286T	92.4	230/460	AF4P30T61YQ40	LM21211		408	3333	LS-1
	1200	4000	326T	91.7	230/460	SF6P30T61YQ40	LM21215		570	5810	LS-1
40	3600	4000	324TS	91.7	230/460	SF2P40TS61YQ40	LM21213		504	4477	LS-1
	1800	4000	324T	93.0	230/460	SF4P40T61YQ40	LM21214		504	4321	LS-1
	1200	3800	364T	93.0	230/460	SF6P40T61YQ40	LM21218		765	6092	LS-1
50	3600	4000	326TS	92.4	230/460	SF2P50TS61YQ40	LM21216		558	5574	LS-1
	1800	4000	326T	93.0	230/460	SF4P50T61YQ40	LM21217		558	4636	LS-1
	1200	3800	365T	93.0	230/460	SF6P50T61YQ40	LM21221		822	7556	LS-1
60	3600	3800	364TS	93.0	230/460	SF2P60TS61YQ40	LM21219		765	8309	LS-1
	1800	3800	364T	93.6	230/460	SF4P60T61YQ40	LM21220		765	6718	LS-1
	1200	3600	404T	93.6	230/460	SF6P60T61YQ40	LM21224		918	8696	LS-1
75	3600	3800	365TS	93.0	230/460	SF2P75TS61YQ40	LM21222		822	8685	LS-1
	1800	3800	365T	94.1	230/460	SF4P75T61YQ40	LM21223		822	8535	LS-1
	1200	3600	405T	93.6	230/460	SF6P75T61YQ40	LM21225		1002	11134	LS-1
100	3600	3600	405TS	93.6	230/460	SF2P100TS61YQ40	LM21226		1002	11825	LS-1
	1800	3600	405T	94.5	230/460	SF4P100T61YQ40	LM21227		1002	11056	LS-1
	1200	3000	444T	94.1	460	SF6P100T64YQ40	LM21228		1351	14023	LS-1
125	3600	3600	444TS	94.5	460	SF2P125TS64YQ40	LM21229		1351	14740	LS-1
	1800	3000	444T	94.5	460	SF4P125T64YQ40	LM21230		1351	13735	LS-1
	1200	3000	445T	94.1	460	SF6P125T64YQ40	LM21231		1504	16532	LS-1
150	3600	3600	445TS	94.5	460	SF2P150TS64YQ40	LM21232		1504	17982	LS-1
	1800	3000	445T	95.0	460	SF4P150T64YQ40	LM21233		1504	15889	LS-1
	1200	3000	445T	95.0	460	SF6P150T64YQ40	LM21234		1504	19188	LS-1
200	3600	3600	445TS	95.0	460	SF2P200TS64YQ40	LM21235		1504	22490	LS-1
	1800	3000	445T	95.0	460	SF4P200T64YQ40	LM21236		1504	18902	LS-1
	1200	3000	447T	95.0	460	SF6P200T64YQ40	LM21237		1812	22172	LS-1
250	3600	3600	449TS	95.4	460	SF2P250TS64YQ40	LM21240		2185	29031	LS-1
	1800	2800	447T	95.0	460	SF4P250T64YQ40	LM21238		1812	22746	LS-1

Prices and data subject to change without notice.

Product numbers in red are STOCK items.

TEFC 15 TO 60 HZ CONSTANT TORQUE INVERTER DUTY

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

FOOT MOUNT (cont'd)

HP	SYN RPM @ 60 Hz	RPM Max	Frame	FL Nom Eff (%)	Volts	Model Number	Product Number	Notes (see page 306)	Approx Shpg Wght (lbs)	List Price	Mult Sym
300	3600	3600	449TS	95.4	460	SF2P300TS64YQ40	**LM21242**		2185	$33481	LS-1
	1800	2800	449T	95.4	460	SF4P300T64YQ40	**LM21239**		2185	24618	LS-1
350	3600	3600	449TS	95.8	460	SF2B350TS64YQ40	**LM21243**		2185	46127	LS-1
	1800	2800	449T	95.4	460	SF4P350T64YQ40	**LM21244**		2185	24307	LS-1
400	1800	2800	449T	96.2	460	SF4B400T64YQ40	**TBD**		TBD	41887	TBD

C-FACE WITH FEET

HP	SYN RPM @ 60 Hz	RPM Max	Frame	FL Nom Eff (%)	Volts	Model Number	Product Number	Notes (see page 306)	Approx Shpg Wght (lbs)	List Price	Mult Sym
1/3	1800	4000	56C	72.0	230/460	SRF4S0.33TC61Q40	**LM22645**		33	$499	LS-1
1/2	3600	4000	56C	70.0	230/460	SRF2S0.5TC61Q40	**LM22647**		33	484	LS-1
	1800	4000	56C	74.0	230/460	SRF4S0.5TC61Q40	**LM22649**		33	569	LS-1
	1200	4000	56C	70.0	230/460	SRF6S0.5TC61Q40	**LM22651**		33	670	LS-1
3/4	3600	4000	56C	74.0	230/460	SRF2S0.75TC61Q40	**LM22653**		33	511	LS-1
	1800	4000	56C	77.0	230/460	SRF4S0.75TC61Q40	**LM22655**		33	577	LS-1
	1200	4000	56C	72.0	230/460	SRF6S0.75TC61Q40	**LM22657**		28	678	LS-1
1	3600	4000	56C	75.5	230/460	SRF2S1TC61Q40	**LM22659**		33	577	LS-1
	1800	4000	56C	78.5	230/460	SRF4S1TC61Q40	**LM22661**		28	593	LS-1
	1800	4000	143TC	82.5	230/460	SSF4P1TC61Q40	**LM26081**		52	663	LS-1
	1200	4000	145TC	80.0	230/460	SSF6P1TC61Q40	**LM26323**		57	791	LS-1
1 1/2	3600	4000	56C	78.5	230/460	SRF2S1.5TC61Q40	**LM22663**		28	615	LS-1
	3600	4000	143TC	82.5	230/460	SSF2P1.5TC61Q40	**TBD**		52	681	LS-1
	1800	4000	56HC	80.0	230/460	SRF4S1.5TC61Q40	**LM22665**		36	650	LS-1
	1800	4000	145TC	84.0	230/460	SSF4P1.5TC61Q40	**LM26008**		57	668	LS-1
	1200	4000	182TC	85.5	230/460	AAF6P1.5TC61Q40	**LM22822**		95	904	LS-1
2	3600	4000	56HC	78.5	230/460	SRF2S2TC61Q40	**LM22667**		36	661	LS-1
	3600	4000	145TC	84.0	230/460	SSF2P2TC61Q40	**TBD**		57	743	LS-1
	1800	4000	145TC	84.0	230/460	SSF4P2TC61Q40	**LM25962**		57	712	LS-1
	1200	4000	184TC	86.5	230/460	AAF6P2TC61Q40	**LM22825**		104	964	LS-1
3	3600	4000	182TC	85.5	230/460	AAF2P3TC61Q40	**LM22826**		95	924	LS-1
	1800	4000	182TC	87.5	230/460	AAF4P3TC61Q40	**LM22827**		95	858	LS-1
	1200	4600	213TC	87.5	230/460	AF6P3TC61Q40	**LM22828**		138	1216	LS-1
5	3600	4000	184TC	87.5	230/460	AAF2P5TC61Q40	**LM22829**		104	1065	LS-1
	1800	4000	184TC	87.5	230/460	AAF4P5TC61Q40	**LM22830**		104	950	LS-1
	1200	4600	215TC	87.5	230/460	AF6P5TC61Q40	**LM31434**		149	1594	LS-1
7 1/2	3600	4600	G213TC	88.5	230/460	AF2P7.5TC61Q40	**LM22832**		138	1335	LS-1
	1800	4600	213TC	89.5	230/460	AAF4P7.5TC61Q40	**LM22833**		138	1189	LS-1
	1200	4400	254TC	89.5	230/460	AF6P7.5TC61Q40	**LM22834**		221	2122	LS-1
10	3600	4600	G215TC	89.5	230/460	AF2P10TC61Q40	**LM22835**		149	1554	LS-1
	1800	4600	215TC	89.5	230/460	AF4P10TC61Q40	**LM22836**		149	1378	LS-1
	1200	4400	256TC	89.5	230/460	AF6P10TC61Q40	**LM22837**		248	2580	LS-1
15	3600	4400	G254TC	90.2	230/460	AF2P15TC61Q40	**LM22838**		221	2074	LS-1
	1800	4400	254TC	91.0	230/460	AF4P15TC61Q40	**LM22839**		221	1970	LS-1
20	3600	4400	256TC	90.2	230/460	AF2P20TC61Q40	**LM22840**		248	2391	LS-1
	1800	4400	256TC	91.0	230/460	AF4P20TC61Q40	**LM22841**		248	2268	LS-1

Prices and data subject to change without notice.

Product numbers in red are STOCK items.