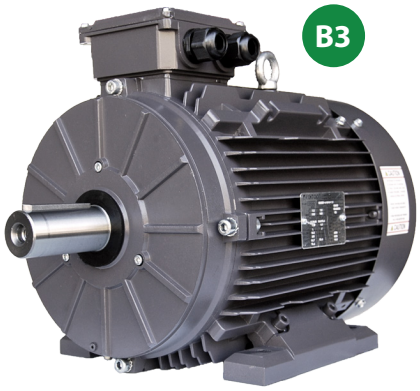
TECHTOP electric motors

TEFC–METRIC IEC

NEMA PREMIUM

HP: .12–150 **Frame:** 56–280 **RPM:** 1200/1800/3600
Pole: 2/4/6/8 **Volt:** 230/460V **kW:** 0.09–110







STANDARD FEATURES

- IP 55 Rated Ingress Protection
- Inverter Rated-15:1 Constant Torque (MG1 Part 31)
- Double Lip Bearing Seal on DE & ODE
- VPI Lap Wound Stator with Tropicalization
- Dual Oversized Bearing on DE & ODE
- F1, F2, F3 Box Position Convertible (Shipped F1
- Corrosion Resistant Hardward
- Rubber Slinger Protection on Drive End
- Conduit Box is 90° Rotatable
- Zerk Regreasable Bearings 160 Frame & Larger
- Class H Insulated Stator with Class F Leads
- Terminal Blocks between Conduit Box & Body
- Increase & Decrease Flanges Available
- One-Way Brass Condensation Drain on DE & ODE
- Class 1, Division 2, Groups A, B, C & D Compliant
- PTC Thermal Protection Installed
- 36 Month Warranty

KW	HP	Sync RPM	Eff Level	Model Number w/RIGID BASE B3	List Price	Model Number w/RIGID BASE B5 FLANGE	List Price	Model Number w/RIGID BASE B14 FLANGE	List Price
0.09	0.12	1800	IE1	BL3-AL-TF-56B3-4-B-D-.12	$370	BL3-AL-TF-56B35-4-B-D-.12	$481	BL3-AL-TF-56B34-4-B-D-.12	$433
0.12	0.18	3600	IE1	BL3-AL-TF-56B3-2-B-D-.18	$405	BL3-AL-TF-56B35-2-B-D-.18	$517	BL3-AL-TF-56B34-2-B-D-.18	$469
		1800	IE3	GR3-AL-TF-63B3-4-B-D-.18	$501	GR3-AL-TF-63B35-4-B-D-.18	$670	GR3-AL-TF-63B34-4-B-D-.18	$596
		900	IE3	GR3-AL-TF-71B3-8-B-D-.16	$707	GR3-AL-TF-71B35-8-B-D-.16	$920	GR3-AL-TF-71B34-8-B-D-.16	$829
0.18	0.25	3600	IE3	GR3-AL-TF-63B3-2-B-D-.25	$519	GR3-AL-TF-63B35-2-B-D-.25	$687	GR3-AL-TF-63B34-2-B-D-.25	$612
		1800	IE3	GR3-AL-TF-63B3-4-B-D-.25	$525	GR3-AL-TF-63B35-4-B-D-.25	$693	GR3-AL-TF-63B34-4-B-D-.25	$618
0.25	0.35	3600	IE3	GR3-AL-TF-63B3-2-B-D-.35	$532	GR3-AL-TF-63B35-2-B-D-.35	$699	GR3-AL-TF-63B34-2-B-D-.35	$626
		1800	IE3	GR3-AL-TF-63B3-4-B-D-.35	$570	GR3-AL-TF-63B35-4-B-D-.35	$739	GR3-AL-TF-63B34-4-B-D-.35	$664
		1800	IE3	GR3-AL-TF-71B3-4-B-D-.35	$612	GR3-AL-TF-71B35-4-B-D-.35	$840	GR3-AL-TF-71B34-4-B-D-.35	$751
		900	IE3	GR3-AL-TF-80B3-8-B-D-.33	$1,023	GR3-AL-TF-80B35-8-B-D-.33	$1,331	GR3-AL-TF-80B34-8-B-D-.33	$1,198
0.37	0.50	3600	IE3	GR3-AL-TF-63B3-2-B-D-.5	$562	GR3-AL-TF-63B35-2-B-D-.5	$731	GR3-AL-TF-63B34-2-B-D-.5	$656
		3600	IE3	GR3-AL-TF-71B3-2-B-D-.5	$604	GR3-AL-TF-71B35-2-B-D-.5	$835	GR3-AL-TF-71B34-2-B-D-.5	$745
		1800	IE3	GR3-AL-TF-71B3-4-B-D-.5	$654	GR3-AL-TF-71B35-4-B-D-.5	$882	GR3-AL-TF-71B34-4-B-D-.5	$793
		1200	IE3	GR3-AL-TF-71B3-6-B-D-.5	$874	GR3-AL-TF-71B35-6-B-D-.5	$1,135	GR3-AL-TF-71B34-6-B-D-.5	$1,023
		1200	IE3	GR3-AL-TF-80B3-6-B-D-.5	$942	GR3-AL-TF-80B35-6-B-D-.5	$1,224	GR3-AL-TF-80B34-6-B-D-.5	$1,103
		900	IE3	GR3-AL-TF-80B3-8-B-D-.5	$1,162	GR3-AL-TF-80B35-8-B-D-.5	$1,512	GR3-AL-TF-80B34-8-B-D-.5	$1,359

Multiplier Code: IE

2815 Colonnades Court
Peachtree Corners, GA 30071
Tel: 1–855–TECHTOP
Fax: 1–866–204–1498
orders@techtopind.com
www.techtopind.com

Continued on back

TEFC–METRIC IEC LIST PRICE

0.55	0.75	3600	IE3	GR3-AL-TF-71B3-2-B-D-.75	$644	GR3-AL-TF-71B35-2-B-D-.75	$874	GR3-AL-TF-71B34-2-B-D-.75	$785
		1800	IE3	GR3-AL-TF-71B3-4-B-D-.75	$751	GR3-AL-TF-71B35-4-B-D-.75	$986	GR3-AL-TF-71B34-4-B-D-.75	$892
		1800	IE3	GR3-AL-TF-80B3-4-B-D-.75	$807	GR3-AL-TF-80B35-4-B-D-.75	$1,087	GR3-AL-TF-80B34-4-B-D-.75	$910
		1200	IE3	GR3-AL-TF-80B3-6-B-D-.75	$1,023	GR3-AL-TF-80B35-6-B-D-.75	$1,329	GR3-AL-TF-80B34-6-B-D-.75	$1,196
		900	IE3	GR3-AL-TF-90LB3-8-B-D-.75	$1,363	GR3-AL-TF-90LB35-8-B-D-.75	$1,772	GR3-AL-TF-90LB34-8-B-D-.75	$1,595
0.75	1	3600	IE3	GR3-AL-TF-71B3-2-B-D-1	$723	GR3-AL-TF-71B35-2-B-D-1	$954	GR3-AL-TF-71B34-2-B-D-1	$864
		3600	IE3	GR3-AL-TF-80B3-2-B-D-1	$815	GR3-AL-TF-80B35-2-B-D-1	$1,039	GR3-AL-TF-80B34-2-B-D-1	$898
		1800	IE3	GR3-AL-TF-80B3-4-B-D-1	$898	GR3-AL-TF-80B35-4-B-D-1	$1,117	GR3-AL-TF-80B34-4-B-D-1	$980
		1200	IE3	GR3-AL-TF-80B3-6-B-D-1	$1,131	GR3-AL-TF-80B35-6-B-D-1	$1,470	GR3-AL-TF-80B34-6-B-D-1	$1,321
		1200	IE3	GR3-AL-TF-90SB3-6-B-D-1	$1,180	GR3-AL-TF-90SB35-6-B-D-1	$1,534	GR3-AL-TF-90SB34-6-B-D-1	$1,307
		900	IE3	GR3-AL-TF-100LB3-8-B-D-1	$1,639	GR3-AL-TF-100LB35-8-B-D-1	$2,132	GR3-AL-TF-100LB34-8-B-D-1	$1,917
1.1	1.5	3600	IE3	GR3-AL-TF-80B3-2-B-D-1.5	$878	GR3-AL-TF-80B35-2-B-D-1.5	$1,095	GR3-AL-TF-80B34-2-B-D-1.5	$958
		1800	IE3	GR3-AL-TF-80B3-4-B-D-1.5	$1,043	GR3-AL-TF-80B35-4-B-D-1.5	$1,288	GR3-AL-TF-80B34-4-B-D-1.5	$1,170
		1800	IE3	GR3-AL-TF-90SB3-4-B-D-1.5	$1,057	GR3-AL-TF-90SB35-4-B-D-1.5	$1,311	GR3-AL-TF-90SB34-4-B-D-1.5	$1,184
		1200	IE3	GR3-AL-TF-100LB3-6-B-D-1.5	$1,514	GR3-AL-TF-100LB35-6-B-D-1.5	$1,969	GR3-AL-TF-100LB34-6-B-D-1.5	$1,772
		900	IE3	GR3-AL-TF-100LB3-8-B-D-1.5	$1,784	GR3-AL-TF-100LB35-8-B-D-1.5	$2,319	GR3-AL-TF-100LB34-8-B-D-1.5	$2,088
1.5	2	3600	IE3	GR3-AL-TF-80B3-2-B-D-2	$997	GR3-AL-TF-80B35-2-B-D-2	$1,337	GR3-AL-TF-80B34-2-B-D-2	$1,186
		3600	IE3	GR3-AL-TF-90SB3-2-B-D-2	$1,063	GR3-AL-TF-90SB35-2-B-D-2	$1,425	GR3-AL-TF-90SB34-2-B-D-2	$1,266
		1800	IE3	GR3-AL-TF-90LB3-4-B-D-2	$1,107	GR3-AL-TF-90LB35-4-B-D-2	$1,361	GR3-AL-TF-90LB34-4-B-D-2	$1,234
		1200	IE3	GR3-AL-TF-100LB3-6-B-D-2	$1,687	GR3-AL-TF-100LB35-6-B-D-2	$2,194	GR3-AL-TF-100LB34-6-B-D-2	$1,973
		900	IE3	GR3-AL-TF-112MB3-8-B-D-2	$2,154	GR3-AL-TF-112MB35-8-B-D-2	$2,800	GR3-AL-TF-112MB34-8-B-D-2	$2,519
2.2	3	3600	IE3	GR3-AL-TF-90LB3-2-B-D-3	$1,242	GR3-AL-TF-90LB35-2-B-D-3	$1,586	GR3-AL-TF-90LB34-2-B-D-3	$1,367
		1800	IE3	GR3-AL-TF-100LB3-4-B-D-3	$1,401	GR3-AL-TF-100LB35-4-B-D-3	$1,822	GR3-AL-TF-100LB34-4-B-D-3	$1,681
		1200	IE3	GR3-AL-TF-112MB3-6-B-D-3	$2,255	GR3-AL-TF-112MB35-6-B-D-3	$2,933	GR3-AL-TF-112MB34-6-B-D-3	$2,639
3	4	3600	IE3	GR3-AL-TF-100LB3-2-B-D-4	$1,621	GR3-AL-TF-100LB35-2-B-D-4	$2,021	GR3-AL-TF-100LB34-2-B-D-4	$1,768
		1800	IE3	GR3-AL-TF-100LB3-4-B-D-4	$1,564	GR3-AL-TF-100LB35-4-B-D-4	$2,033	GR3-AL-TF-100LB34-4-B-D-4	$1,876
		1200	IE3	GR3-AL-TF-132SB3-6-B-D-4	$2,901	GR3-AL-TF-132SB35-6-B-D-4	$3,771	GR3-AL-TF-132SB34-6-B-D-4	$3,394
4	5.5	3600	IE3	GR3-AL-TF-100LB3-2-B-D-5.5	$1,649	GR3-AL-TF-100LB35-2-B-D-5.5	$2,209	GR3-AL-TF-100LB34-2-B-D-5.5	$1,963
		3600	IE3	GR3-AL-TF-112MB3-2-B-D-5.5	$2,007	GR3-AL-TF-112MB35-2-B-D-5.5	$2,688	GR3-AL-TF-112MB34-2-B-D-5.5	$2,388
		1800	IE3	GR3-AL-TF-112MB3-4-B-D-5.5	$1,929	GR3-AL-TF-112MB35-4-B-D-5.5	$2,507	GR3-AL-TF-112MB34-4-B-D-5.5	$2,315
5.5	7.5	3600	IE3	GR3-AL-TF-112MB3-2-B-D-7.5	$2,400	GR3-AL-TF-112MB35-2-B-D-7.5	$3,119	GR3-AL-TF-112MB34-2-B-D-7.5	$2,808
		3600	IE3	GR3-AL-TF-132SB3-2-B-D-7.5	$2,525	GR3-AL-TF-132SB35-2-B-D-7.5	$3,384	GR3-AL-TF-132SB34-2-B-D-7.5	$3,004
		1800	IE3	GR3-AL-TF-132SB3-4-B-D-7.5	$2,496	GR3-AL-TF-132SB35-4-B-D-7.5	$3,245	GR3-AL-TF-132SB34-4-B-D-7.5	$2,994
7.5	10	3600	IE3	GR3-AL-TF-132SB3-2-B-D-10	$2,696	GR3-AL-TF-132SB35-2-B-D-10	$3,612	GR3-AL-TF-132SB34-2-B-D-10	$3,209
		1800	IE3	GR3-AL-TF-132MB3-4-B-D-10	$2,885	GR3-AL-TF-132MB35-4-B-D-10	$3,751	GR3-AL-TF-132MB34-4-B-D-10	$3,461
11	15	3600	IE3	GR3-AL-TF-132MB3-2-B-D-15	$3,974	GR3-AL-TF-132MB35-2-B-D-15	$5,073	GR3-AL-TF-132MB34-2-B-D-15	$4,377
		3600	IE3	GR3-CI-TF-160MB3-2-BR-D-15	$4,324	GR3-CI-TF-160MB35-2-BR-D-15	$5,794	GR3-CI-TF-160MB34-2-BR-D-15	$5,144
		1800	IE3	GR3-CI-TF-160MB3-4-BR-D-15	$4,387	GR3-CI-TF-160MB35-4-BR-D-15	$5,702	GR3-CI-TF-160MB34-4-BR-D-15	$5,265
15	20	3600	IE3	GR3-CI-TF-160MB3-2-BR-D-20	$4,802	GR3-CI-TF-160MB35-2-BR-D-20	$6,197	GR3-CI-TF-160MB34-2-BR-D-20	$5,669
		1800	IE3	GR3-CI-TF-160LB3-4-BR-D-20	$5,092	GR3-CI-TF-160LB35-4-BR-D-20	$6,487	GR3-CI-TF-160LB34-4-BR-D-20	$5,959
18.5	25	3600	IE3	GR3-CI-TF-160LB3-2-BR-D-25	$6,457	GR3-CI-TF-160LB35-2-BR-D-25	$7,852	GR3-CI-TF-160LB34-2-BR-D-25	$7,324
		1800	IE3	GR3-CI-TF-180MB3-4-BR-D-25	$7,660	GR3-CI-TF-180MB35-4-BR-D-25	$9,643	GR3-CI-TF-180MB34-4-BR-D-25	-
22	30	3600	IE3	GR3-CI-TF-160LB3-2-BR-D-30	$7,157	GR3-CI-TF-160LB35-2-BR-D-30	$8,552	GR3-CI-TF-160LB34-2-BR-D-30	$8,023
		1800	IE3	GR3-CI-TF-180LB3-4-BR-D-30	$8,311	GR3-CI-TF-180LB35-4-BR-D-30	$10,157	GR3-CI-TF-180LB34-4-BR-D-30	-
30	40	1800	IE3	GR3-CI-TF-200LB3-4-BR-D-40	$9,315	GR3-CI-TF-200LB35-4-BR-D-40	$11,137	GR3-CI-TF-200LB34-4-BR-D-40	-
37	50	1800	IE3	GR3-CI-TF-225SB3-4-BR-D-50	$11,498	GR3-CI-TF-225SB35-4-BR-D-50	$14,210	GR3-CI-TF-225SB34-4-BR-D-50	-
45	60	1800	IE3	GR3-CI-TF-225MB3-4-BR-D-60	$13,106	GR3-CI-TF-225MB35-4-BR-D-60	$15,818	GR3-CI-TF-225MB34-4-BR-D-60	-
55	75	1800	IE3	GR3-CI-TF-225MB3-4-BR-D-75	$16,541	GR3-CI-TF-225MB35-4-BR-D-75	-	GR3-CI-TF-225MB34-4-BR-D-75	-
		1800	IE3	GR3-CI-TF-225MB3-4-RR-D-75	$16,541	GR3-CI-TF-225MB35-4-RR-D-75	-	GR3-CI-TF-225MB34-4-RR-D-75	-
		1800	IE3	GR3-CI-TF-250MB3-4-BR-D-75	$16,541	GR3-CI-TF-250MB35-4-BR-D-75	$20,338	GR3-CI-TF-250MB34-4-BR-D-75	-
75	100	1800	IE3	GR3-CI-TF-280SB3-4-BR-D-100	$21,167	GR3-CI-TF-280SB35-4-BR-D-100	$25,796	GR3-CI-TF-280SB34-4-BR-D-100	-
90	125	1800	IE3	GR3-CI-TF-280MB3-4-BR-D-125	$26,390	GR3-CI-TF-280MB35-4-BR-D-125	$31,391	GR3-CI-TF-280MB34-4-BR-D-125	-
110	150	1800	IE3	GR3-CI-TF-280MB3-4-BR-D-150	$43,758	GR3-CI-TF-280MB35-4-BR-D-150	$48,757	GR3-CI-TF-280MB34-4-BR-D-150	-

Multiplier Code: IE

PLEASE CALL 1-855-832-4867 FOR MOTORS NOT LISTED ABOVE.