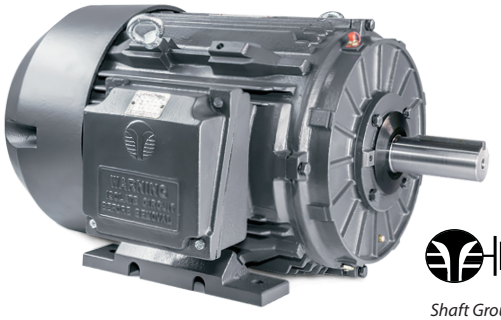
TECHTOP electric motors

TEFC – CAST IRON

NEMA PREMIUM

HP: 1–500 **Frame:** 143T– 449T **RPM:** 3600,1800,1200
Pole: 2,4,6 **Volt:** 230/460V **Body:** T,TC



ARC ARRESTOR

*Shaft Grounding – GX3 Only**



STANDARD FEATURES

- NEMA Premium Energy Efficiency Design
- MG1 Part 31 Compliant for VFD use (15:1 CT)
- 2-Part Epoxy Coating - IP 55 Ingress Protection
- 1045 Steel Shaft (through 326T), 4140 (326T & up)
- Multi-mount Frame Design up to 320T (F1,F2,F0)
- Auto-purge Brass Condensation Drains
- 1.25 Service Factor to 50HP (1.15 for larger frames)
- DE and ODE Oversized Bearing
- Zerk fitting Regreasable Bearings 254T & Larger
- 90° Rotatable - Full Rubber Gasket Conduit Box
- Double Lip Shaft Seal Protection on DE & ODE
- VPI -Tropicalized- Lap-wound-Class H Stator
- Heavy Duty Cast Iron Fan Cover
- Oversized-Color Coded -Tagged - Class F Leads
- Rubber Shaft Slinger for Vertical Application
- Interchangable C & D Flanges Available
- Class 1, Div 2, Groups A, B, C & D Certified*
- EISA Regulation Compliant
- 40°C Ambient Temperature Rating
- 36 Month Warranty from Purchase Date
- Arc Arrestor Shaft Grounding Brush(GX3 Only)
- ODE Hybrid Ceramic Bearings (GX3 Only)

HP	Sync. Speed	Model Number	List Price	
			Rigid Base	C-Face / D-Flange
1	3600	GR3-CI-TF-143T-2-B-D-1	$713	$801
	1800	GR3-CI-TF-143T-4-B-D-1	$713	$801
	1200	GR3-CI-TF-145T-6-B-D-1	$802	$890
1.5	3600	GR3-CI-TF-143T-2-B-D-1.5	$750	$838
	1800	GR3-CI-TF-145T-4-B-D-1.5	$775	$863
	1200	GR3-CI-TF-182T-6-B-D-1.5	$1,031	$1,222
2	3600	GR3-CI-TF-145T-2-B-D-2	$831	$919
	1800	GR3-CI-TF-145T-4-B-D-2	$829	$917
	1200	GR3-CI-TF-184T-6-B-D-2	$1,208	$1,399
3	3600	GR3-CI-TF-182T-2-B-D-3	$1,099	$1,275
	1800	GR3-CI-TF-182T-4-B-D-3	$1,125	$1,308
	1200	GR3-CI-TF-213T-6-B-D-3	$1,586	$1,820
5	3600	GR3-CI-TF-184T-2-B-D-5	$1,206	$1,381
	1800	GR3-CI-TF-184T-4-B-D-5	$1,218	$1,393
	1200	GR3-CI-TF-215T-6-B-D-5	$1,984	$2,208

HP	Sync. Speed	Model Number	List Price	
			Rigid Base	C-Face / D-Flange
7.5	3600	GR3-CI-TF-213T-2-B-D-7.5	$1,694	$1,918
	1800	GR3-CI-TF-213T-4-B-D-7.5	$1,790	$2,024
	1200	GR3-CI-TF-254T-6-BR-D-7.5	$2,575	$2,839
10	3600	GR3-CI-TF-215T-2-B-D-10	$1,942	$2,166
	1800	GR3-CI-TF-215T-4-B-D-10	$2,047	$2,281
	1200	GR3-CI-TF-256T-6-BR-D-10	$3,208	$3,461
15	3600	GR3-CI-TF-254T-2-BR-D-15	$2,956	$3,220
	1800	GR3-CI-TF-254T-4-BR-D-15	$2,961	$3,225
	1200	GR3-CI-TF-284T-6-BR-D-15	$4,011	$4,337
20	3600	GR3-CI-TF-256T-2-BR-D-20	$3,434	$3,698
	1800	GR3-CI-TF-256T-4-BR-D-20	$3,326	$3,579
	1200	GR3-CI-TF-286T-6-BR-D-20	$4,585	$4,911
25	3600	GR3-CI-TF-284TS-2-BR-D-25	$3,925	$4,251
	1800	GR3-CI-TF-284T-4-BR-D-25	$3,971	$4,296
	1200	GR3-CI-TF-324T-6-BR-D-25	$6,037	$6,514

* GX3 models (highlighted gray) require removal of internal Grounding Brush. Note requirement on your order.

Multiplier Code: G1

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–CAST IRON LIST PRICE

HP	Sync. Speed	Model Number	List Price	
			Rigid Base	C-Face / D-Flange
30	3600	GR3-CI-TF-286TS-2-BR-D-30	$4,693	$5,019
	1800	GR3-CI-TF-286T-4-BR-D-30	$4,680	$5,005
	1200	GR3-CI-TF-326T-6-BR-D-30	$6,997	$7,475
40	3600	GR3-CI-TF-324TS-2-BR-D-40	$5,968	$6,445
	1800	GR3-CI-TF-324T-4-BR-D-40	$6,121	$6,599
	1200	GR3-CI-TF-364T-6-BR-D-40	$8,407	$9,072
50	3600	GR3-CI-TF-326TS-2-BR-D-50	$7,036	$7,514
	1800	GR3-CI-TF-326T-4-BR-D-50	$7,283	$7,760
	1200	GR3-CI-TF-365T-6-BR-D-50	$10,537	$11,202
60	3600	GR3-CI-TF-364TS-2-BR-D-60	$9,688	$10,353
	1800	GR3-CI-TF-364T-4-BR-D-60	$9,701	$10,367
	1200	GR3-CI-TF-404T-6-RR-D-60	$12,416	$-
75	3600	GR3-CI-TF-365TS-2-BR-D-75	$11,285	$11,950
	1800	GR3-CI-TF-365T-4-BR-D-75	$11,481	$12,146
	1800	GR3-CI-TF-365T-4-RR-D-75	$11,481	$-
	1200	GR3-CI-TF-405T-6-RR-D-75	$13,467	$-
100	3600	GR3-CI-TF-405TS-2-BR-D-100	$13,724	$14,558
	1800	GR3-CI-TF-405T-4-BR-D-100	$13,788	$14,622
	1800	GR3-CI-TF-405T-4-RR-D-100	$13,788	$-
	1800	GR3-CI-TF-405TS-4-BR-D-100	$20,886	$-
	1200	GR3-CI-TF-444T-6-RR-D-100	$20,839	$21,887
125	3600	GR3-CI-TF-444TS-2-BR-E-125	$20,960	$22,009
	1800	GR3-CI-TF-444T-4-BR-E-125	$20,960	$-
	1800	GR3-CI-TF-444T-4-RR-E-125	$23,067	$-
	1800	GR3-CI-TF-444TS-4-BR-E-125	$24,331	$25,904
	1200	GR3-CI-TF-445T-6-RR-E-125	$23,067	-

HP	Sync. Speed	Model Number	List Price	
			Rigid Base	C-Face / D-Flange
150	3600	GR3-CI-TF-445TS-2-BR-E-150	$24,856	$25,905
	1800	GR3-CI-TF-445T-4-BR-E-150	$25,059	$26,107
	1800	GR3-CI-TF-445T-4-RR-E-150	$25,059	$-
	1800	GR3-CI-TF-445TS-4-BR-E-150	$30,703	$31,837
	1200	GR3-CI-TF-447T-6-RR-E-150	$29,157	$-
200	3600	GR3-CI-TF-447TS-2-BR-E-200	$29,880	$30,928
	1800	GR3-CI-TF-447T-4-BR-E-200	$31,328	$32,376
	1800	GR3-CI-TF-447T-4-RR-E-200	$31,834	$-
	1200	GR3-CI-TF-449T-6-RR-E-200	$36,451	$-
250	3600	GR3-CI-TF-449TS-2-BR-E-250	$33,906	$-
	1800	GR3-CI-TF-449T-4-BR-E-250	$35,550	$36,900
	1800	GR3-CI-TF-449T-4-RR-E-250	$36,056	$36,900
	1200	GX3-CI-TF-449T-6-RR-E-250	$53,681	$-
300	3600	GX3-CI-TF-449TS-2-BR-E-300	$46,083	$47,489
	1800	GR3-CI-TF-449T-4-BR-E-300	$43,146	$44,496
	1800	GR3-CI-TF-449T-4-RR-E-300	$43,821	$-
	1200	GX3-CI-TF-449T-6-RR-E-300	$59,683	$61,089
350	3600	GX3-CI-TF-449TS-2-BR-E-350	$51,869	$53,275
	1800	GX3-CI-TF-449T-4-RR-E-350	$60,225	$61,631
	1200	GX3-CI-TF-449T-6-RR-E-350	$67,796	$69,202
400	3600	GX3-CI-TF-449TS-2-BR-E-400	$58,135	$59,541
	1800	GX3-CI-TF-449T-4-RR-E-400	$69,767	$71,173
450	3600	GX3-CI-TF-449TS-2-BR-E-450	$61,655	$63,061
	1800	GX3-CI-TF-449T-4-RR-E-450	$74,122	$75,528
500	3600	GX3-CI-TF-449TS-2-BR-E-500	$65,275	$66,682
	1800	GX3-CI-TF-449T-4-RR-E-500	$77,740	$79,146

MOTOR MODIFICATIONS

Multiplier Code: G1

Mod. Model # + Frame Adder	Description	Frame Sizes (List Price)									
	NEMA	143/5T	182/4T	213/5T	254/6T	284/6T	324/6T	364/5T	404/5T	444/5T	447/9T
	IEC	90	100/12	132	160	180	200	225	250	280	
MODFGADT	C-Face or D-Flange Adaption + Kit	$561	$611	$661	$711	$832	$1,065	$1,416	$1,691	$2,022	$2,022
MODTB	Terminal Blocks (6 Post)	$306	$316	$357	$431	$431	$486	$486	$567	$1,306	$1,306
MODF2F3	F-1 to F-2 Conversion	$711	$711	$711	$711	$711	$904	$904	$1,777	$1,777	$1,777
MODTFCAO	TEFC to TEAO Conversion	$646	$646	$646	$797	$797	$948	$1,120	$1,594	$1,938	$1,938
MODCT	TEFC to TEAO Cooling Tower	$1,092	$1,142	$1,192	$1,393	$1,443	$1,643	$1,866	$2,389	$2,834	$2,834
MODTS	Shaft Reduction T to TS	$2,771	$2,771	$2,771	$2,771	$2,771	$3,166	$3,166	$3,166	-	$3,695
MODSH	Space Heaters	$892	$892	$892	$892	$892	$1,066	$1,066	$1,240	$1,324	$1,324
		40W	40W	40W	60W	60W	80W	80W	100W	120W	120W
MODRLR	Ball to Roller Bearing	-	-	-	$2,067	$2,520	$2,939	$3,456	$3,682	$6,396	$6,396
MODBALL	Roller to Ball Bearing	-	-	-	$1,066	$1,421	$1,680	$2,035	$2,293	$3,359	$3,359
MODWTS	Winding Thermostats	$1,001	$1,001	$1,001	$1,169	$1,208	$1,421	$1,421	$1,673	$1,848	$1,848
MODPTC	Winding PTC	$1,001	$1,001	$1,001	$1,169	$1,208	$1,421	$1,421	$1,673	$1,848	$1,848
MODWTRTD	Winding RTDs	$1,764	$1,764	$1,764	$1,990	$1,990	$2,243	$2,243	$2,487	$2,578	$2,578
MODBRTD	Bearing RTDs	$1,764	$1,764	$1,764	$1,990	$1,990	$2,243	$2,243	$2,487	$2,578	$2,578
MODWD	Washdown Conversion	$1,151	$1,251	$1,351	$1,511	$1,611	$1,771	$1,940	$2,229	$2,566	$2,567
MODINPRO	Drive End Inpro-Seal install	$1,820	$1,974	$2,313	$2,636	$2,577	$2,806	$3,047	$3,744	$4,444	$5,143
MODCOAT	Repainting motor(Epoxy or Poly)	$705	$755	$805	$915	$965	$1,075	$1,194	$1,433	$1,621	$1,671
	Frame Adder:	143/5	182/4	213/5	254/6	284/6	324/6	364/5	404/5	444/5	447/9

Lift Strap



included with 254T & Larger