TECHTOP electric motors

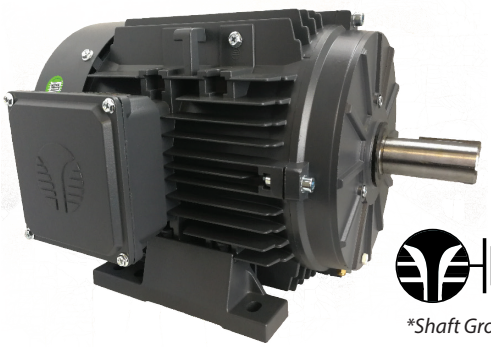
TEFC – ALUMINUM

NEMA PREMIUM

HP: 1–30
Pole: 2/4/6

Frame: 143T–286T
3Φ Volt: 230/460V

RPM: 3600/1800/1200
Encl: (TEFC) IP 55



ARC ARRESTOR

**Shaft Grounding Installed*





STANDARD FEATURES

- NEMA Premium Efficiency
- Dual Voltage - Three Phase 230/460V
- 3600/1800/1200 RPM - 2/4/6 Pole
- Inverter Duty -15:1 Constant Torque (MG1 Part 31)
- Totally Enclosed Fan Cooled IP 55 Protection
- VPI Lap wound Stator with Anti-fungal Coating
- Double Lip Oil Seal on DE & ODE
- Internal Shaft Grounding Brush
- 1.25 SF - 143T and Up
- 50 Hz Capable at 1.0 SF
- 40° C Ambient Temperature Rating
- 1045 Carbon Steel Shaft
- Multi-mount Frame with Removable Feet
- Oversized Drive End Bearing
- One-Way Brass Condensation Drains
- Aluminum Conduit Box 90° Rotatable
- Class F Insulation System with Class H Stator
- F1, F2, F3 Box Position Convertible (Shipped F1)
- Class 1, Division 2, Group C & D Compliant*
- Installation up to 3300 ft Altitude
- 36 Month Warranty from Purchase Date
- Marine Duty Compliant

*** Requires removal of internal Grounding Brush. Note requirement on your order.**

HP	Sync Speed	Model No.	List Price	
			Rigid Base	C-Face
1	3600	GX3-AL-TF-143T-2-B-D-1	$756	$849
	1800	GX3-AL-TF-143T-4-B-D-1	$756	$849
	1200	GX3-AL-TF-145T-6-B-D-1	$877	$946
1.5	3600	GX3-AL-TF-143T-2-B-D-1.5	$797	$890
	1800	GX3-AL-TF-145T-4-B-D-1.5	$823	$916
	1200	GX3-AL-TF-182T-6-B-D-1.5	$1,250	$1,397
2	3600	GX3-AL-TF-145T-2-B-D-2	$883	$976
	1800	GX3-AL-TF-145T-4-B-D-2	$881	$974
	1200	GX3-AL-TF-184T-6-B-D-2	$1,439	$1,558
3	3600	GX3-AL-TF-182T-2-B-D-3	$1,226	$1,380
	1800	GX3-AL-TF-182T-4-B-D-3	$1,202	$1,358
	1200	GX3-AL-TF-213T-6-B-D-3	$1,817	$1,991
5	3600	GX3-AL-TF-184T-2-B-D-5	$1,344	$1,494
	1800	GX3-AL-TF-184T-4-B-D-5	$1,356	$1,509
	1200	GX3-AL-TF-215T-6-B-D-5	$2,317	$2,460
7.5	3600	GX3-AL-TF-213T-2-B-D-7.5	$1,833	$2,077
	1800	GX3-AL-TF-213T-4-B-D-7.5	$1,914	$2,102
	1200	GX3-AL-TF-254T-6-B-D-7.5	$2,944	$3,247
10	3600	GX3-AL-TF-215T-2-B-D-10	$2,102	$2,345
	1800	GX3-AL-TF-215T-4-B-D-10	$2,239	$2,495
	1200	GX3-AL-TF-256T-6-B-D-10	$3,658	$3,947
15	3600	GX3-AL-TF-215T-2-B-D-15	$3,209	$3,336
	3600	GX3-AL-TF-254T-2-B-D-15	$3,379	$3,680
	1800	GX3-AL-TF-254T-4-B-D-15	$3,385	$3,688
	1200	GX3-AL-TF-284T-6-B-D-15	$4,387	$4,742
20	3600	GX3-AL-TF-256T-2-B-D-20	$3,757	$4,044
	1800	GX3-AL-TF-256T-4-B-D-20	$3,793	$4,081
	1200	GX3-AL-TF-286T-6-B-D-20	$5,015	$5,370
25	3600	GX3-AL-TF-284TS-2-B-D-25	$4,292	$4,649
	1800	GX3-AL-TF-284T-4-B-D-25	$4,343	$4,698
30	3600	GX3-AL-TF-286TS-2-B-D-30	$5,133	$5,490
	1800	GX3-AL-TF-286T-4-B-D-30	$5,119	$5,474

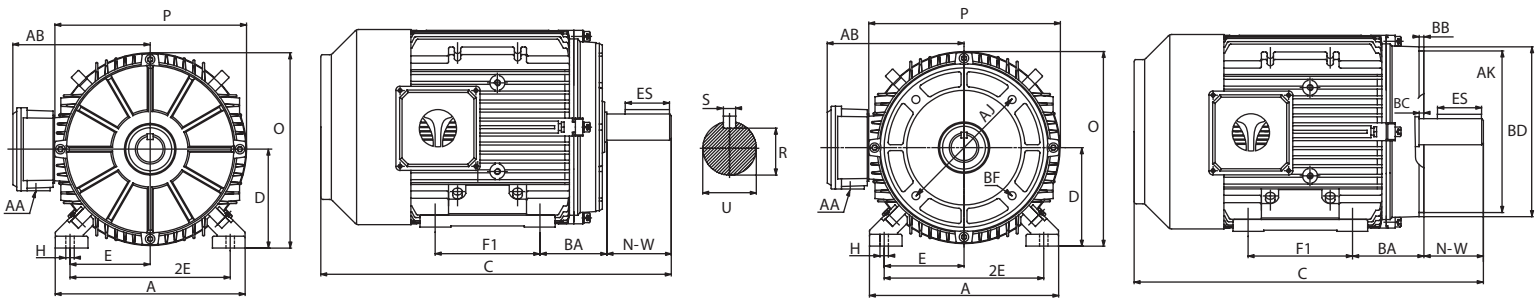
Multiplier Code: AG

Continued on back

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Fax: 1–866–204–1498
orders@techtopind.com
www.techtopind.com

MOTOR MODIFICATIONS

Mod. Model # + Frame Adder	Description	Frame Sizes (List Price)			
		182T	213T	254T	284T
		184T	215T	256T	286T
MODFGADT	C-Face Adaption + Kit	$611	$661	$711	$832
MODTB	Terminal Blocks (6 Post)	$316	$357	$431	$431
MODF2F3	F-1 to F-2 Conversion	$711	$711	$711	$711
MODTFCAO	TEFC to TEAO Conversion	$646	$646	$797	$797
MODCT	TEFC to TEAO Cooling Tower	$1,142	$1,192	$1,393	$1,443
MODTS	Shaft Reduction T to TS	$2,771	$2,771	$2,771	$2,771
MODSH	Space Heaters	$892	$892	$892	$892
		40W	40W	60W	60W
MODWTS	Winding Thermostats	$1,001	$1,001	$1,169	$1,208
MODCOAT	Repainting motor(Epoxy or Poly)	$755	$805	$915	$965
	Frame Adder:	182/4	213/5	254/6	284/6



Frame	A	AA	AB	AJ	AK	BA	BB	BC	BF	C	D	E	ES	2E	F1	F2	H	O	P	R	S	U	N-W
143T	6.9	3/4	5.65	---	---	2.25	---	---	---	13.7	3.5	2.75	1.41	5.5	4	5	0.59	7	6.9	0.771	0.188	0.875	2.25
143TC				5.875	4.5		0.16	0.125	4 x 3/8														
145T				---	---		---	---	---														
145TC				5.875	4.5		0.16	0.125	4 x 3/8														
182T	8.85	3/4	6.6	---	---	2.75	---	---	---	16.1	4.5	3.75	1.78	7.5	4.5	5.5	0.63	8.85	8.85	0.986	0.25	1.125	2.75
182TC				7.25	8.5		0.25	0.12	4 x 1/2									9					
184T				---	---		---	---	---									8.85					
184TC				7.25	8.5		0.25	0.12	4 x 1/2									9					
213T	10.3	1.0	7.4	---	---	3.5	---	---	---	19	5.25	4.25	2.41	8.5	5.5	7	0.63	10.4	10.3	1.201	0.312	1.375	3.38
213TC				7.25	8.5		0.25	0.25	4 x 1/2														
215T				---	---		---	---	---														
215TC				7.25	8.5		0.25	0.25	4 x 1/2														
254T	12.4	1 1/4	8.82	---	---	4.25	---	---	---	24	6.25	5	2.91	10	8.25	10	0.83	12.5	12.4	1.416	0.375	1.625	4
254TC				7.25	12.5		0.25	---	4 x 1/2	---													
256T				---	---		---	---	---	25.8					10.25	12							
256TC				7.25	12.5		0.25	---	4 x 1/2	---													
284T	13.4	1 1/2	11.3	---	---	4.75	---	---	---	29.3	7	5.5	3.28	11	9.5	11	0.985	14.1	13.4	1.591	0.5	1.875	4.62
284TC				---	10.5		0.25	---	4 x 1/2								0.984						
286T				---	---		---	---	---								---						
286TC				---	10.5		0.25	---	4 x 1/2								---						