



Model Number GX3-AL-TF-143T-4-B-D-1-230|460-60

MFG PN T143T1U4B

List Price --

All data shown at HIGH voltage setting

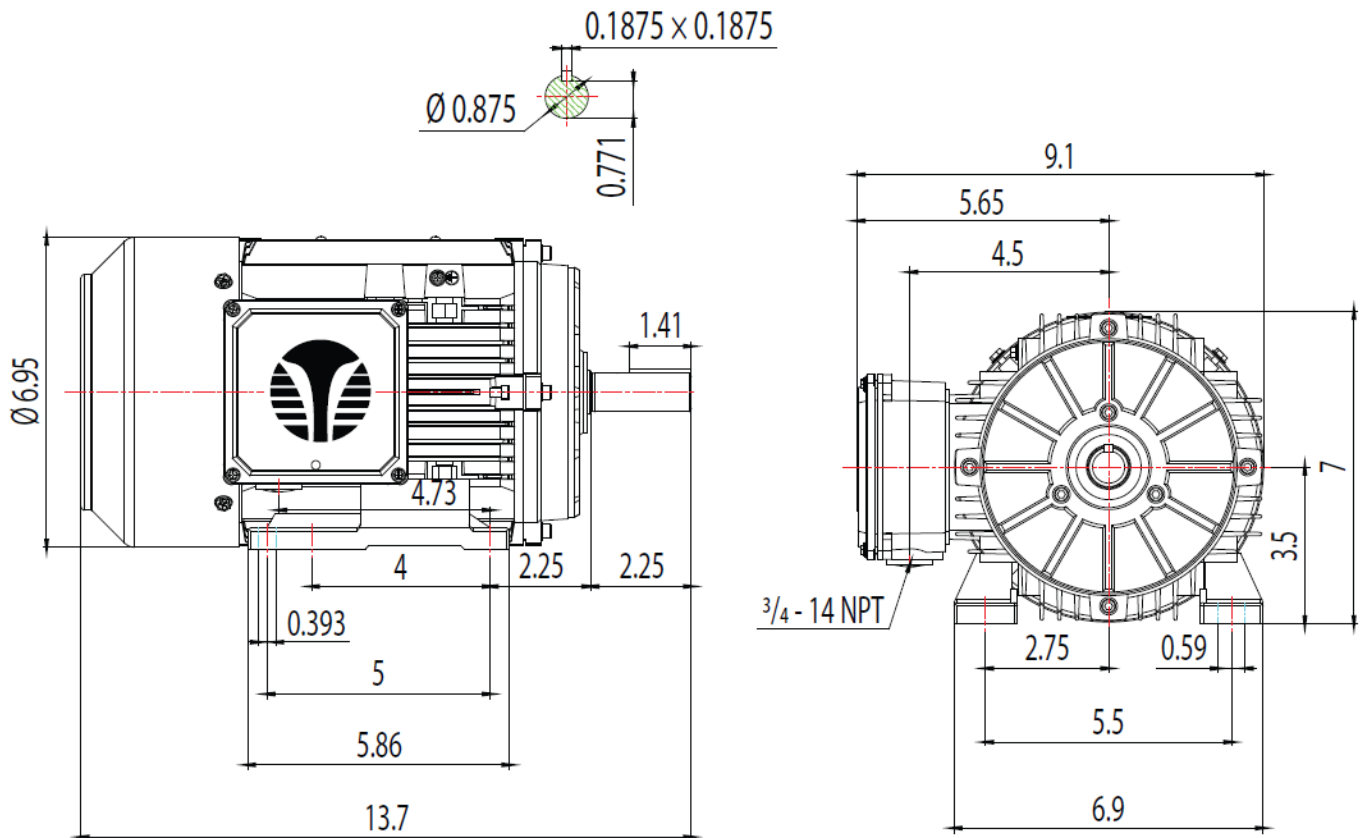
Format STD 3 Phase

Electrical Data				General Data																															
Rated Motor Output Power		1 HP		Frame Size	143																														
Rated Motor Speed		1730 r/min		Enclosure	TEFC																														
Rated Motor Voltage (3 Phase)		230 460-60 Volts - HZ		Approximate Weight	30.14																														
Rated Motor Current		2.98/1.49 Amps		NEMA Design	A																														
Service Factor		1.25		IP Rating	55																														
KVA Code		K		Insulation Class	F																														
Nominal Efficiency		85.5 %		Tropicalization	YES																														
Nominal Power Factor		0.74 cosθ		Duty	Cont.																														
Full Load Torque Ft-Lb		3.053664 Ft-Lb		Cable Entry	1.25																														
Temp Rise @ Full Load °C		26		Feet Removable	YES																														
Efficiency Level		IE3 - NEMA Premium		Double Drilled	NO																														
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40																														
Locked Rotor	-	293	20.23	Rated Altitude (M)	1000																														
Breakdown	-	311	-	Coating	7024 - Graphite Grey																														
Pull Up	-	223	-	Shaft Grounding	Yes																														
125% of FL	1718	-	3.55	Brake Voltage (DC)	--																														
75% of FL	1755	-	2.49	Brake Torque (N-M)	--																														
50% of FL	1772	-	2.12	Mechanical Data																															
No Load	1197	-	1.78	Bearing DE Side	6205ZZ																														
Hazardous Location	Class 1, Div 2, Grp A,B,C,D			Bearing NDE Side	6205ZZ																														
				Moment of Inertia	-- kg.m2																														
				Noise Level	Per NEMA dB (A)																														
				Loaded Torque Curves		--																													
CT VFD Range		--		P1 = INPUT POWER (KW), S = Slip (% of Sync RPM), η = Efficiency (%), cosφ = Power Factor																															
Certifications	UL	CSA	DOE																																
File Numbers	323353	224693	096A																																
Wiring Diagram	3PH 9 Lead Dual Voltage																																		
3 Phase - YY/Y - 9 Lead 4,1 Blue / 5,2 White / 6,3 Org / 7 Yl / 8 Blk / 9 RD Cast Iron- 1,2,3 Top - 4,5,6,7,8,9 Bottom Aluminum - 4,5,6,8,9 Top - 1,2,3,7 Bottom CONNECTIONS <table><tr><td>4</td><td>5</td><td>6</td><td>4</td><td>5</td><td>6</td></tr><tr><td>7</td><td>8</td><td>9</td><td>7</td><td>8</td><td>9</td></tr><tr><td>1</td><td>2</td><td>3</td><td>1</td><td>2</td><td>3</td></tr><tr><td>↑</td><td>↑</td><td>↑</td><td>↑</td><td>↑</td><td>↑</td></tr><tr><td colspan="3">LOW VOLTAGE</td><td colspan="3">HIGH VOLTAGE</td></tr></table>						4	5	6	4	5	6	7	8	9	7	8	9	1	2	3	1	2	3	↑	↑	↑	↑	↑	↑	LOW VOLTAGE			HIGH VOLTAGE		
4	5	6	4			5	6																												
7	8	9	7	8	9																														
1	2	3	1	2	3																														
↑	↑	↑	↑	↑	↑																														
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Model Number	GX3-AL-TF-143T-4-B-D-1-230 460-60
MFG PN	T143T1U4B
List Price	--
Base Frame	GX-143T-AL-TF

FRAME: 140T HP: RPM: PHASE: 3 VOLT: 208-230/460V ENCL: TEFC FREQ: 60 Hz FLA: LRA:



MODEL NUMBER:
GX3-AL-TF-140T
MFG PN:

REV.	BY	DATE
1		
2		
3		
4		
5		
6		
7		

CHANGES

MATERIAL: ALUMINUM
UNITS: INCH BY: SSEE
DRAWN: 11/16/2018
WWW.TECHTOP.COM

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