



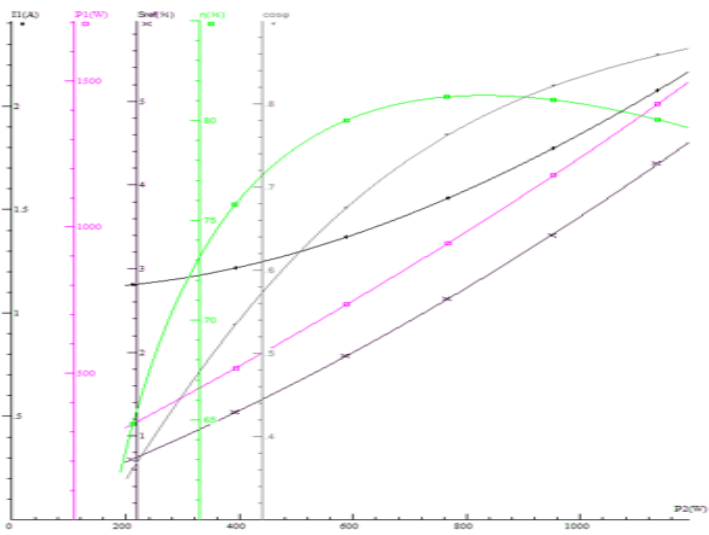
Model Number GX3-AL-TF-143TC-2-B-D-1-230|460-60

MFG PN T143T1U2B

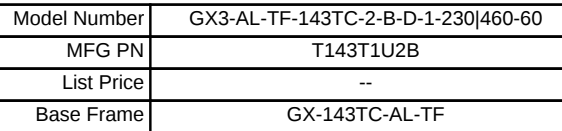
List Price --

All data shown at HIGH voltage setting

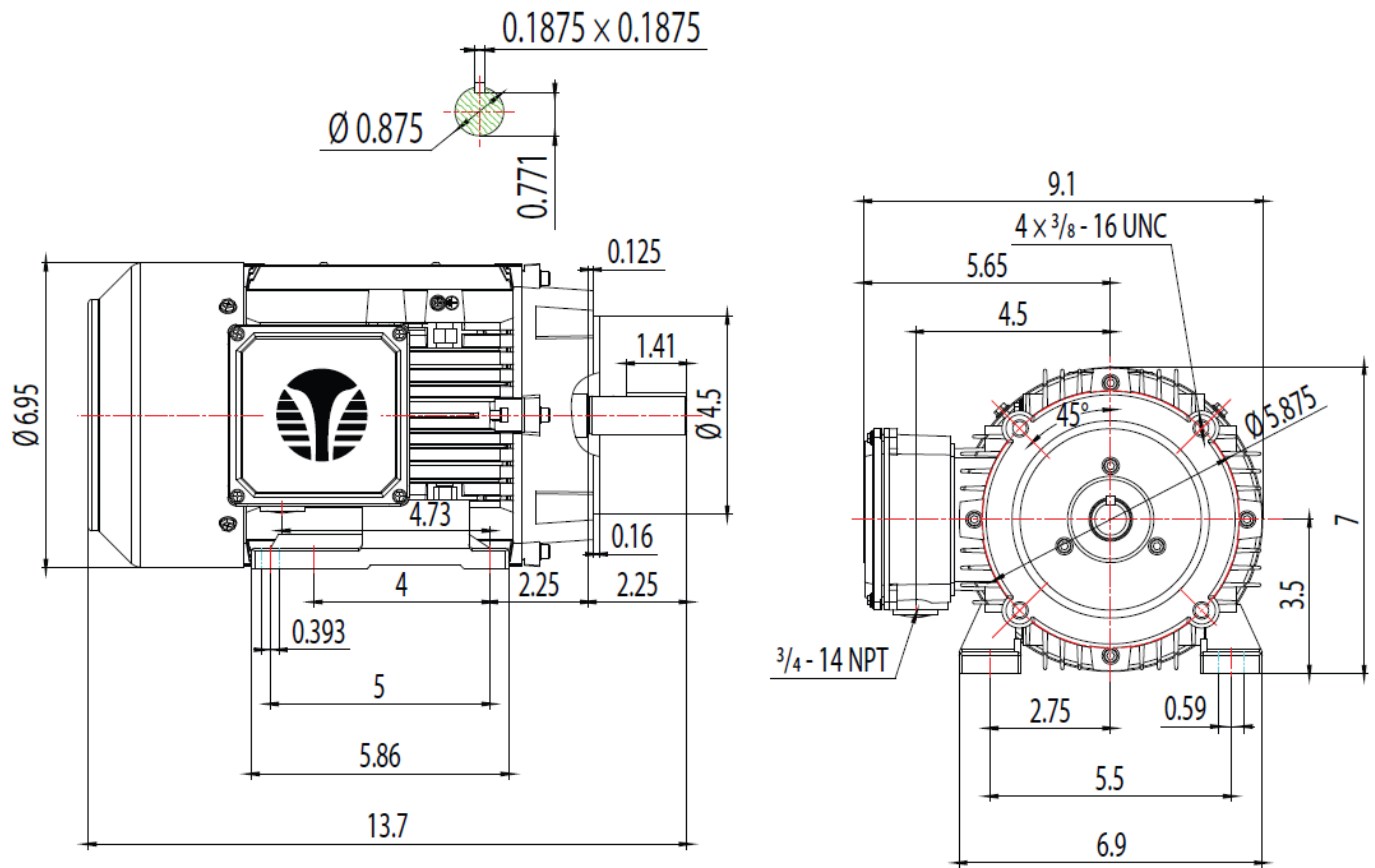
Format STD 3 Phase

Electrical Data				General Data					
Rated Motor Output Power		1 HP		Frame Size	143				
Rated Motor Speed		3490 r/min		Enclosure	TEFC				
Rated Motor Voltage (3 Phase)		230 460-60 Volts - HZ		Approximate Weight	22.44				
Rated Motor Current		3.12/1.5 Amps		NEMA Design	A				
Service Factor		1.25		IP Rating	55				
KVA Code		k		Insulation Class	F				
Nominal Efficiency		77 %		Tropicalization	YES				
Nominal Power Factor		0.83 cosθ		Duty	Cont.				
Full Load Torque Ft-Lb		1.497328 Ft-Lb		Cable Entry	1.25				
Temp Rise @ Full Load °C		40		Feet Removable	YES				
Efficiency Level		IE3 - NEMA Premium		Double Drilled	NO				
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40				
Locked Rotor	-	238	10.48	Rated Altitude (M)	1000				
Breakdown	-	351	-	Coating	7024 - Graphite Grey				
Pull Up	-	163	-	Shaft Grounding	Yes				
125% of FL	3480	-	1.77	Brake Voltage (DC)	--				
75% of FL	3533	-	1.34	Brake Torque (N-M)	--				
50% of FL	3556	-	1.2	Mechanical Data					
No Load	3571	-	1.13	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)				
				--					
CT VFD Range		--	Loaded Torque Curves		--				
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 7 1 5 8 2 6 9 3 </td><td> 4 7 1 5 8 2 6 9 3 </td></tr><tr><td colspan="2">LOW VOLTAGE</td><td colspan="2">HIGH VOLTAGE</td></tr></table>						4 7 1 5 8 2 6 9 3	4 7 1 5 8 2 6 9 3	LOW VOLTAGE	
4 7 1 5 8 2 6 9 3	4 7 1 5 8 2 6 9 3								
LOW VOLTAGE		HIGH VOLTAGE							

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FRAME: 140TC	HP:	RPM:	PHASE: 3	VOLT: 208-230/460V	ENCL: TEFC	FREQ: 60 Hz	FLA:	LRA:
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	MODEL NUMBER:		REV.	BY	DATE	CHANGES
	GX3-AL-TF-140TC		1			
	MFG PN:		2			
			3			
	MATERIAL: ALUMINUM		4			
	UNITS: INCH	BY: SSEE	5			
	DRAWN: 11/16/2018		6			
WWW.TECHTOP.COM		7				

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