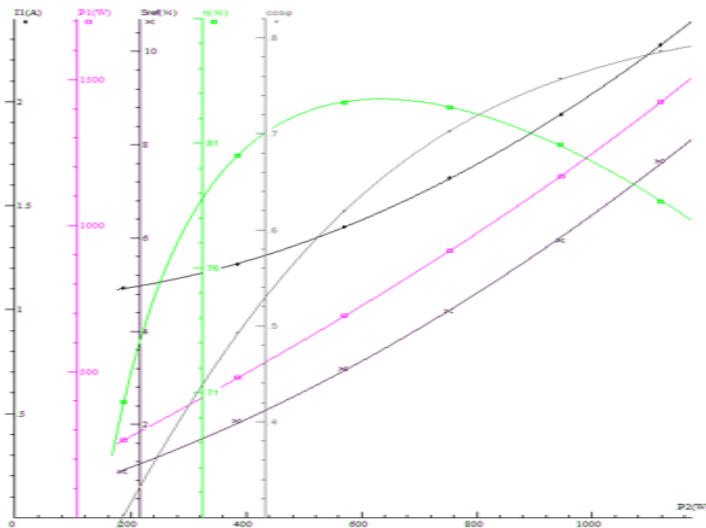
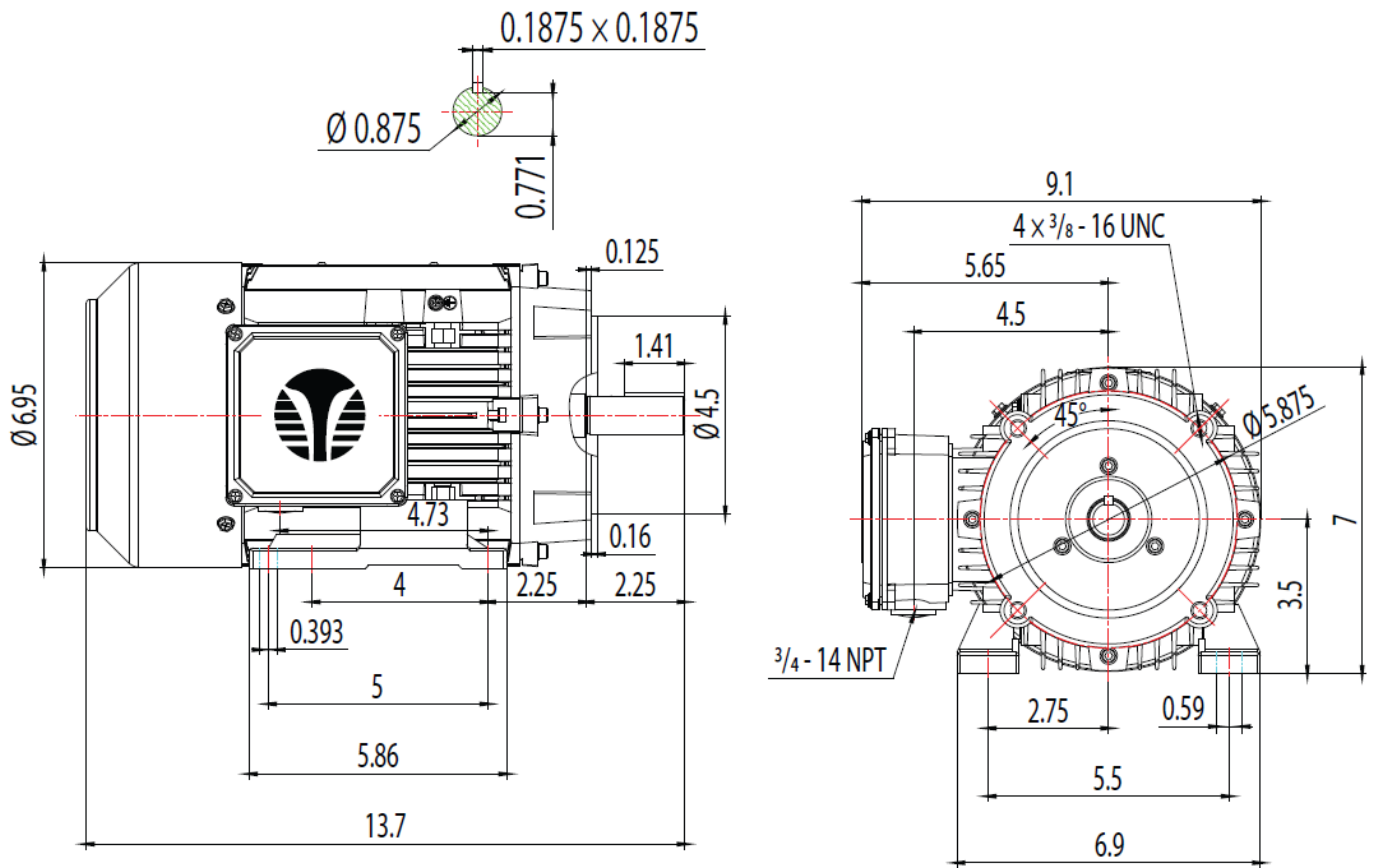


				Model Number		GX3-AL-TF-145TC-6-B-D-1-230 460-60			
				MFG PN		T145T1U6B			
				List Price		--			
All data shown at HIGH voltage setting						Format		STD 3 Phase	
Electrical Data					General Data				
Rated Motor Output Power		1 HP			Frame Size		145		
Rated Motor Speed		1145 r/min			Enclosure		TEFC		
Rated Motor Voltage (3 Phase)		230 460-60 Volts - HZ			Approximate Weight		33.44		
Rated Motor Current		3.4/1.7 Amps			NEMA Design		A		
Service Factor		1.25			IP Rating		55		
KVA Code		H			Insulation Class		F		
Nominal Efficiency		82.5 %			Tropicalization		YES		
Nominal Power Factor		0.68 cosθ			Duty		Cont.		
Full Load Torque Ft-Lb		4.58801952 Ft-Lb			Cable Entry		1.25		
Temp Rise @ Full Load °C		23.1			Feet Removable		YES		
Efficiency Level		IE3 - NEMA Premium			Double Drilled		NO		
Load Data	RPM	Trq %FL		Current Amps	Rated Ambient (°C)		40		
Locked Rotor	-	194		8.46	Rated Altitude (M)		1000		
Breakdown	-	278		-	Coating		7024 - Graphite Grey		
Pull Up	-	218		-	Shaft Grounding		Yes		
125% of FL	1128.7	-		1.9246	Brake Voltage (DC)		--		
75% of FL	1162.7	-		1.389	Brake Torque (N-M)		--		
50% of FL	1176.3	-		1.2143	Mechanical Data				
No Load	--	-		1.078					
Hazardous Location	Class 1, Div 2, Grp A,B,C,D				Bearing DE Side		6205ZZ		
					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 4 5 6 7 8 9 1 2 3 4 5 6 7 8 9 1 2 3 ↑ ↑ ↑ LOW VOLTAGE 4 5 6 7 8 9 1 2 3 ↑ ↑ ↑ HIGH VOLTAGE									
Techtop Industries -2815 Colonnades Court - Peachtree Corners, GA 30071 - Phone: (678) 436-5540									



Model Number	GX3-AL-TF-145TC-6-B-D-1-230 460-60
MFG PN	T145T1U6B
List Price	--
Base Frame	GX-145TC-AL-TF

FRAME: 140TC	HP:	RPM:	PHASE: 3	VOLT: 208-230/460V	ENCL: TEFC	FREQ: 60 Hz	FLA:	LRA:
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MATERIAL: ALUMINUM
UNITS: INCH BY: SSEE
DRAWN: 11/16/2018
WWW.TECHTOP.COM

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

REV.	BY	DATE
1		
2		
3		
4		
5		
6		
7		

CHANGES

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