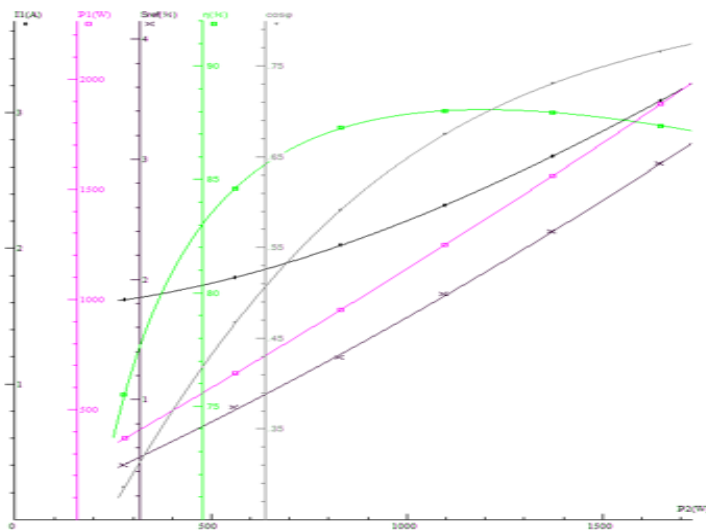
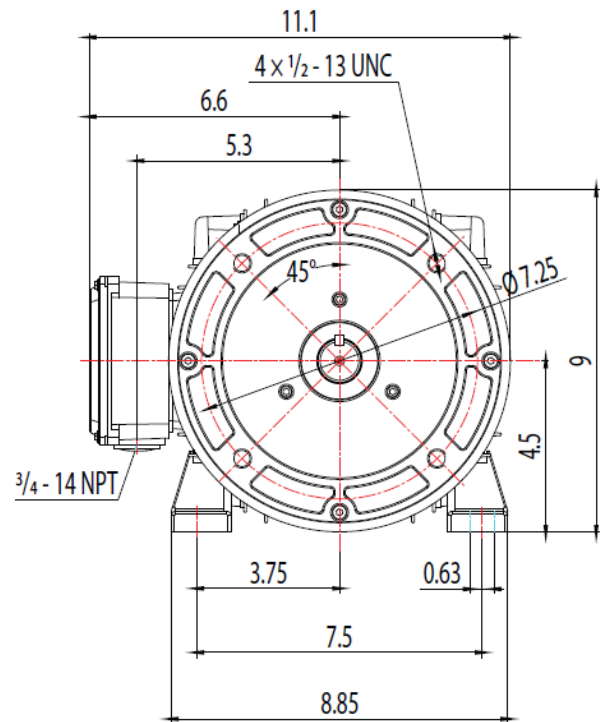
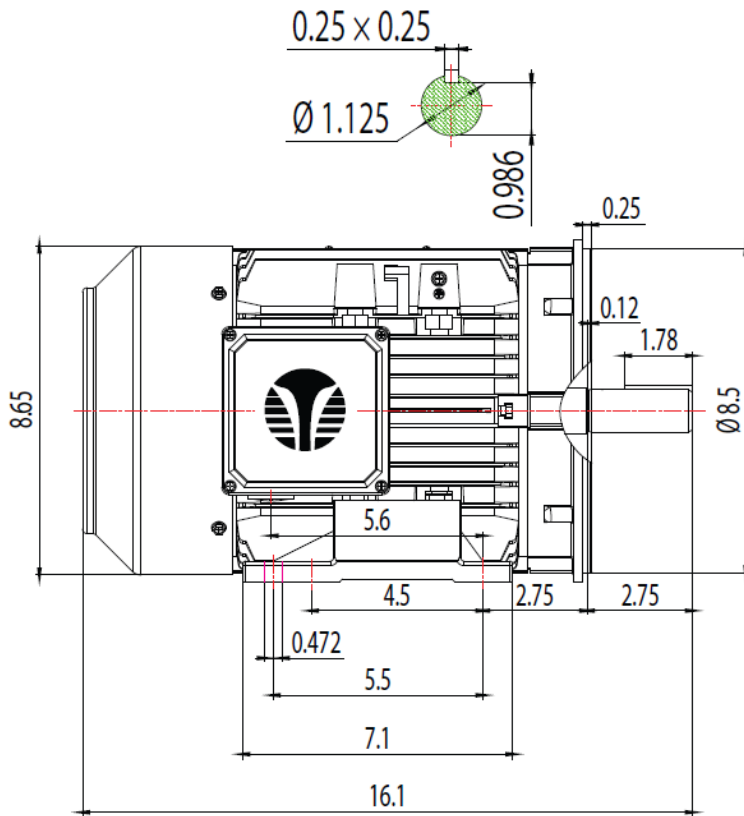


				Model Number		GX3-AL-TF-182TC-6-B-D-1.5-230 460-60						
				MFG PN		T182T1.5U6B						
				List Price		--						
All data shown at HIGH voltage setting						Format		STD 3 Phase				
Electrical Data					General Data							
Rated Motor Output Power		1.5 HP			Frame Size		182					
Rated Motor Speed		1175 r/min			Enclosure		TEFC					
Rated Motor Voltage (3 Phase)		230 460-60 Volts - HZ			Approximate Weight		--					
Rated Motor Current		4.64/2.32 Amps			NEMA Design		A					
Service Factor		1.25			IP Rating		55					
KVA Code		L			Insulation Class		F					
Nominal Efficiency		87.5 %			Tropicalization		YES					
Nominal Power Factor		0.66 cosθ			Duty		Cont.					
Full Load Torque Ft-Lb		6.55438736 Ft-Lb			Cable Entry		1.25					
Temp Rise @ Full Load °C		16			Feet Removable		YES					
Efficiency Level		IE3 - NEMA Premium			Double Drilled		NO					
Load Data	RPM	Trq %FL		Current Amps	Rated Ambient (°C)		40					
Locked Rotor	-	270		17	Rated Altitude (M)		1000					
Breakdown	-	365		-	Coating		7024 - Graphite Grey					
Pull Up	-	193		-	Shaft Grounding		Yes					
125% of FL	1171.2	-		2.6838	Brake Voltage (DC)		--					
75% of FL	1175.3	-		2.0157	Brake Torque (N-M)		--					
50% of FL	1189.2	-		1.7778	Mechanical Data							
No Load	--	-		1.57								
Hazardous Location	Class 1, Div 2, Grp A,B,C,D				Bearing DE Side		6306ZZ					
					Bearing NDE Side		6306ZZ					
					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 HIGH VOLTAGE												
Techtop Industries -2815 Colonnades Court - Peachtree Corners, GA 30071 - Phone: (678) 436-5540												



Model Number	GX3-AL-TF-182TC-6-B-D-1.5-230 460-60
MFG PN	T182T1.5U6B
List Price	--
Base Frame	GX-182TC-AL-TF

FRAME: 180TC HP: RPM: PHASE: 3 VOLT: 208-230/460V ENCL: TEFC FREQ: 60 Hz FLA: LRA:



MODEL NUMBER:
GX3-AL-TF-180TC
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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