



Model Number	GX3-AL-TF-184TC-2-B-D-5-230 460-60
MFG PN	T184T5U2B
List Price	--

All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data		General Data	
Rated Motor Output Power	5 HP	Frame Size	184
Rated Motor Speed	3510 r/min	Enclosure	TEFC
Rated Motor Voltage (3 Phase)	230 460-60 Volts - HZ	Approximate Weight	73.7
Rated Motor Current	11.5/5.77 Amps	NEMA Design	A
Service Factor	1.25	IP Rating	55
KVA Code	L	Insulation Class	F
Nominal Efficiency	88.5 %	Tropicalization	YES
Nominal Power Factor	0.91 cosθ	Duty	Cont.
Full Load Torque Ft-Lb	7.4010784 Ft-Lb	Cable Entry	1.25
Temp Rise @ Full Load °C	45	Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium	Double Drilled	NO

Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	
Locked Rotor	-	309	61.29	Rated Altitude (M)	1000
Breakdown	-	410	-	Coating	7024 - Graphite Grey
Pull Up	-	235	-	Shaft Grounding	Yes
125% of FL	3499.2	-	7.1416	Brake Voltage (DC)	--
75% of FL	3543.1	-	4.4642	Brake Torque (N-M)	--
50% of FL	3562.6	-	3.3248	Mechanical Data	
No Load	--	-	2.3	Bearing DE Side	6306C3

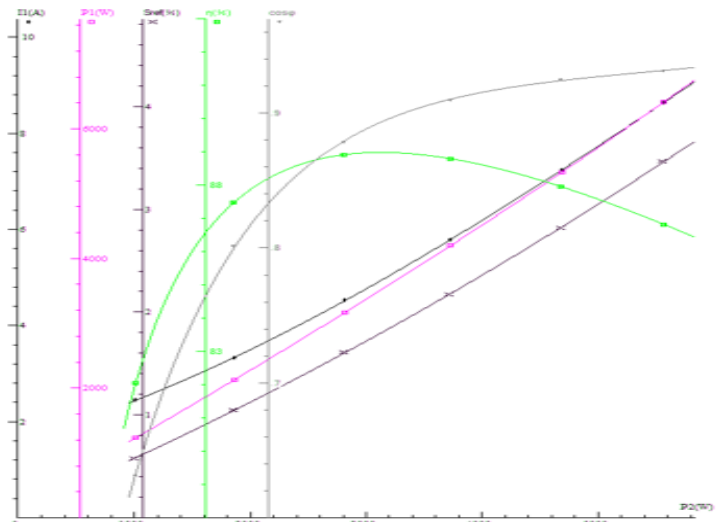
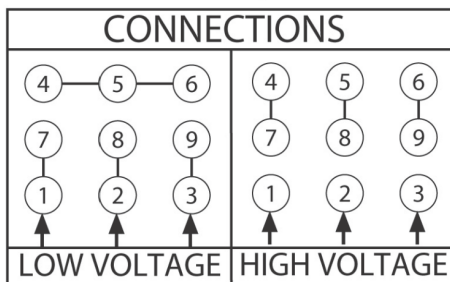
Hazardous Location	Class 1, Div 2, Grp A,B,C,D		Bearing NDE Side	6306C3
			Moment of Inertia	-- kg.m2
			Noise Level	Per NEMA dB (A)

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
----------------	-------------------------

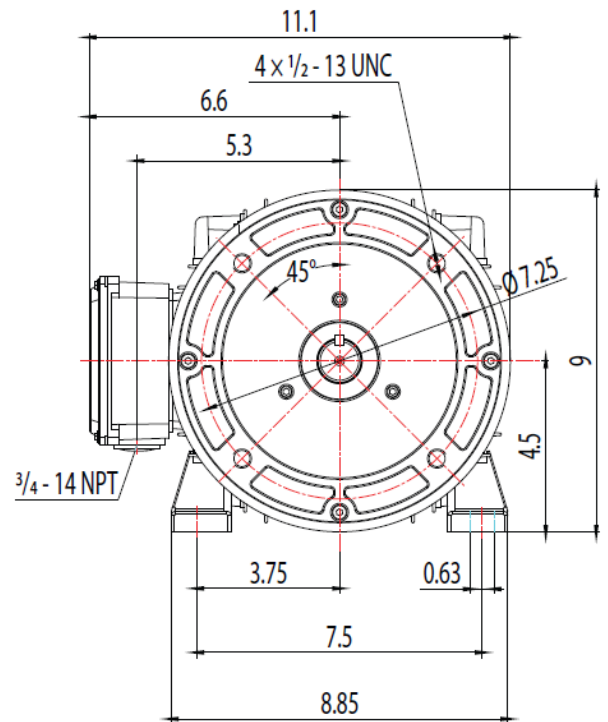
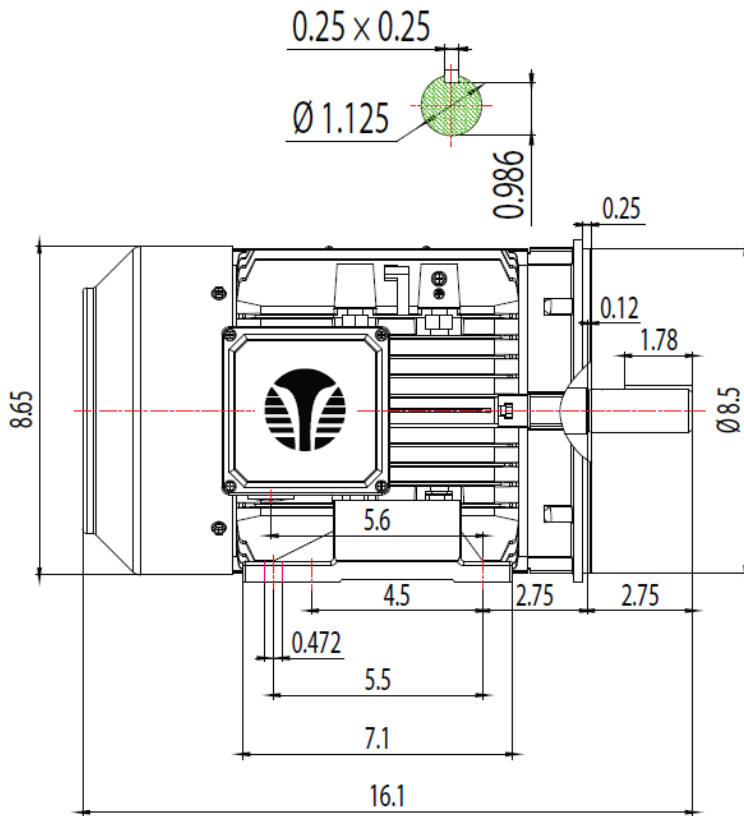
3 Phase - YY/Y - 9 Lead
 4,1 Blue / 5,2 White / 6,3 Org / 7 Yl / 8 Blk / 9 RD
 Cast Iron- 1,2,3 Top - 4,5,6,7,8,9 Bottom
 Aluminum - 4,5,6,8,9 Top - 1,2,3,7 Bottom





Model Number	GX3-AL-TF-184TC-2-B-D-5-230 460-60
MFG PN	T184T5U2B
List Price	--
Base Frame	GX-184TC-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

Techtop Industries -2815 Colonnades Court - Peachtree Corners, GA 30071 - Phone: (678) 436-5540