



Model Number	GX3-AL-TF-184TC-6-B-D-2-230 460-60
MFG PN	T184T2U6B
List Price	--

All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data		General Data	
Rated Motor Output Power	2 HP	Frame Size	184
Rated Motor Speed	1175 r/min	Enclosure	TEFC
Rated Motor Voltage (3 Phase)	230 460-60 Volts - HZ	Approximate Weight	--
Rated Motor Current	6.2/3.1 Amps	NEMA Design	A
Service Factor	1.25	IP Rating	55
KVA Code	H	Insulation Class	F
Nominal Efficiency	88.5 %	Tropicalization	YES
Nominal Power Factor	0.68 cosθ	Duty	Cont.
Full Load Torque Ft-Lb	8.991344 Ft-Lb	Cable Entry	1.25
Temp Rise @ Full Load °C	20	Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium	Double Drilled	NO

Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	
Locked Rotor	-	347	27.8	Rated Altitude (M)	1000
Breakdown	-	438	-	Coating	7024 - Graphite Grey
Pull Up	-	265	-	Shaft Grounding	Yes
125% of FL	1174.2	-	3.7413	Brake Voltage (DC)	--
75% of FL	1185.2	-	2.8913	Brake Torque (N-M)	--
50% of FL	1190.2	-	2.5918	Mechanical Data	
No Load	--	-	2.334	Bearing DE Side	6306ZZ

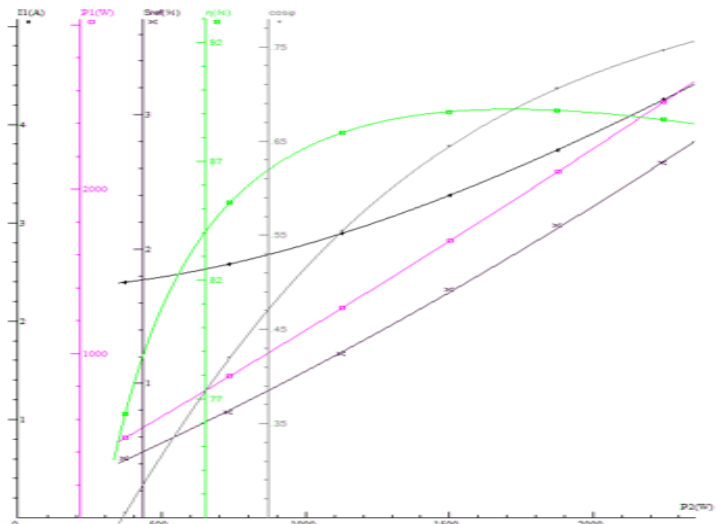
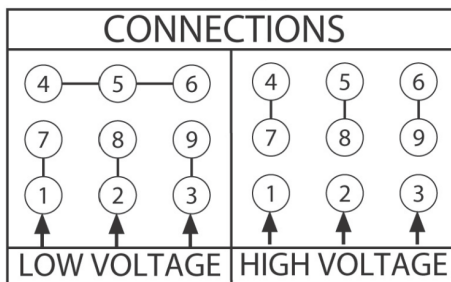
Hazardous Location	Class 1, Div 2, Grp A,B,C,D		Bearing NDE Side	6306ZZ
			Moment of Inertia	-- kg.m2
			Noise Level	Per NEMA dB (A)

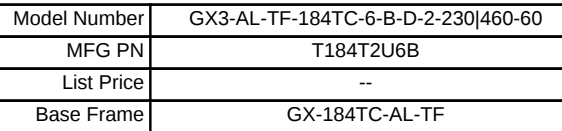
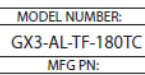
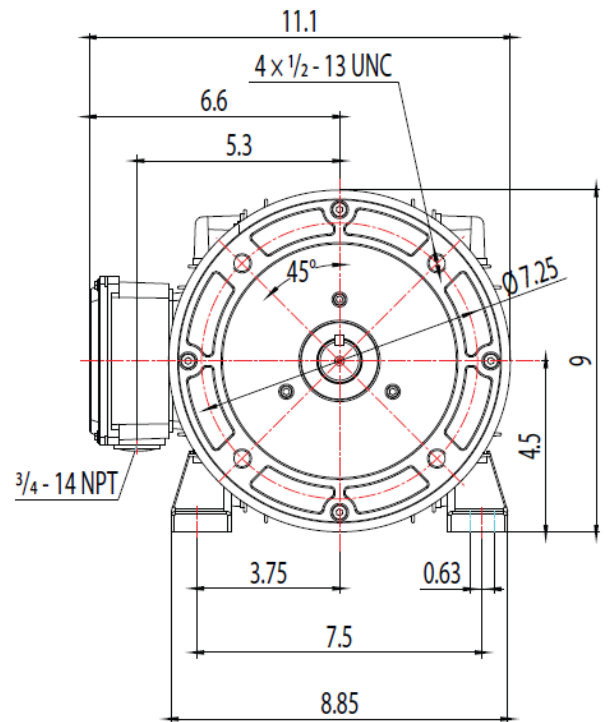
CT VFD Range		--	Loaded Torque Curves	--
P1 = INPUT POWER (KW), S = Slip (% of Sync RPM), η = Efficiency (%), cosφ = Power Factor				

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



[illegible]

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