



Model Number GX3-AL-TF-284TC-4-B-D-25-230|460-60

MFG PN T284T 25U4B

List Price --

All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data

General Data

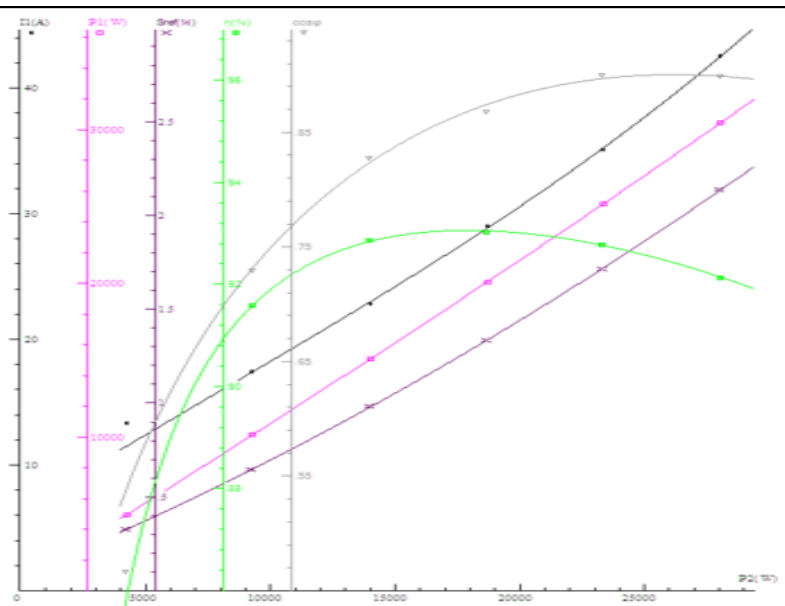
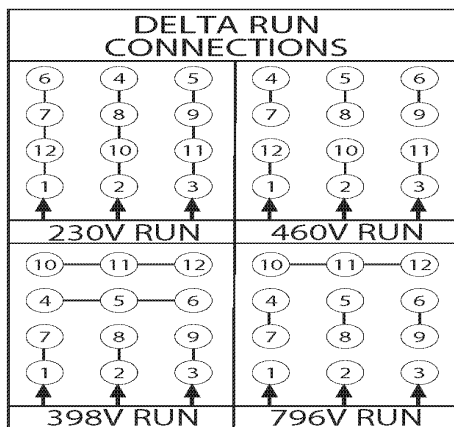
Rated Motor Output Power	25 HP	Frame Size	284
Rated Motor Speed	1770 r/min	Enclosure	TEFC
Rated Motor Voltage (3 Phase)	230 460-60 Volts - HZ	Approximate Weight	311
Rated Motor Current	57.0/28.5 Amps	NEMA Design	BE
Service Factor	1.25	IP Rating	55
KVA Code	K	Insulation Class	F
Nominal Efficiency	93.6 %	Tropicalization	YES
Nominal Power Factor	0.87 cos ϕ	Duty	Cont.
Full Load Torque Ft-Lb	73.76 Ft-Lb	Cable Entry	1.25
Temp Rise @ Full Load °C	50.7	Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium	Double Drilled	NO

Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	283	269	Rated Altitude (M)	1000
Breakdown	-	350	-	Coating	7024 - Graphite Grey
Pull Up	-	206	-	Shaft Grounding	YES
125% of FL	1769	-	35	Brake Voltage (DC)	
75% of FL	1782	-	22.92	Brake Torque (N-M)	
50% of FL	1788	-	17.43	Mechanical Data	
No Load		-	11.63		

Hazardous Location	Class 1, Div 2, Grp A,B,C,D			Bearing DE Side	6311 ZZ
				Bearing NDE Side	6211 ZZ
				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 (%), cos ϕ = Power Factor			

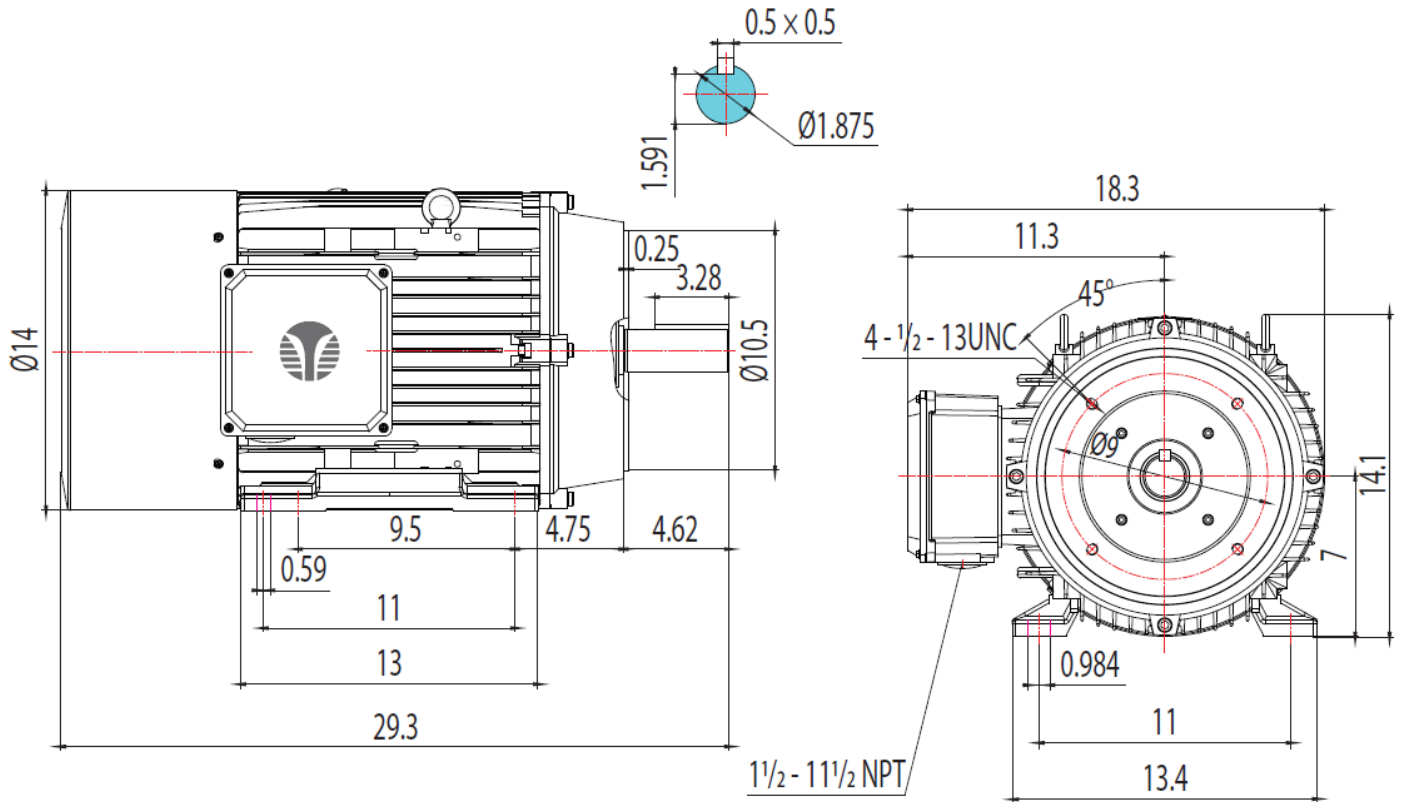
Certifications	UL	CSA	DOE
File Numbers	323353	224693	096A
Wiring Diagram	3PH 12 Lead Dual Voltage		





Model Number	GX3-AL-TF-284TC-4-B-D-25-230 460-60
MFG PN	T284T 25U4B
List Price	--
Base Frame	GX-284TC-AL-TF

FRAME: 280TC HP: RPM: PHASE: 3 VOLT: 208-230/460V ENCL: TEFC FREQ: 60 Hz FLA: LRA:



MODEL NUMBER:
GX3-AL-TF-280TC
MFG PN:

REV.	BY	DATE
1		
2		
3		
4		
5		
6		
7		

CHANGES

MATERIAL: ALUMINUM
UNITS: INCH BY: SSEE
DRAWN: 7/31/2019
WWW.TECHTOP.COM

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