



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

MFG PN T284T25U4B

List Price --

All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data

General Data

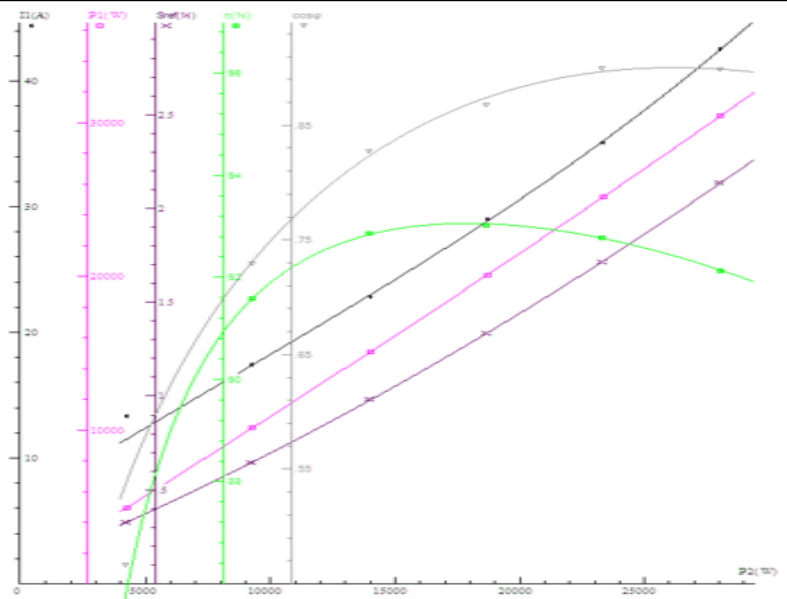
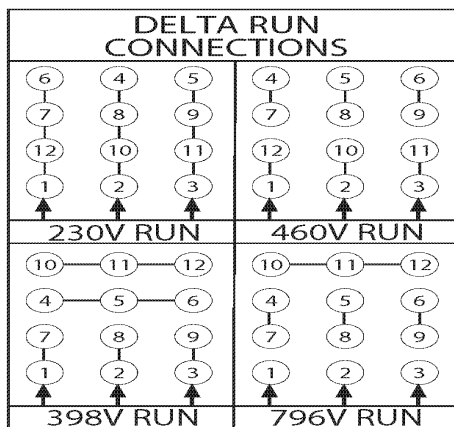
Rated Motor Output Power	25 HP	Frame Size	284
Rated Motor Speed	1770 r/min	Enclosure	TEFC
Rated Motor Voltage (3 Phase)	230 460-60 Volts - HZ	Approximate Weight	310.2
Rated Motor Current	57.0/28.5 Amps	NEMA Design	A
Service Factor	1.25	IP Rating	55
KVA Code	K	Insulation Class	F
Nominal Efficiency	93.6 %	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 C3
				Bearing NDE Side	6311 C3
				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			

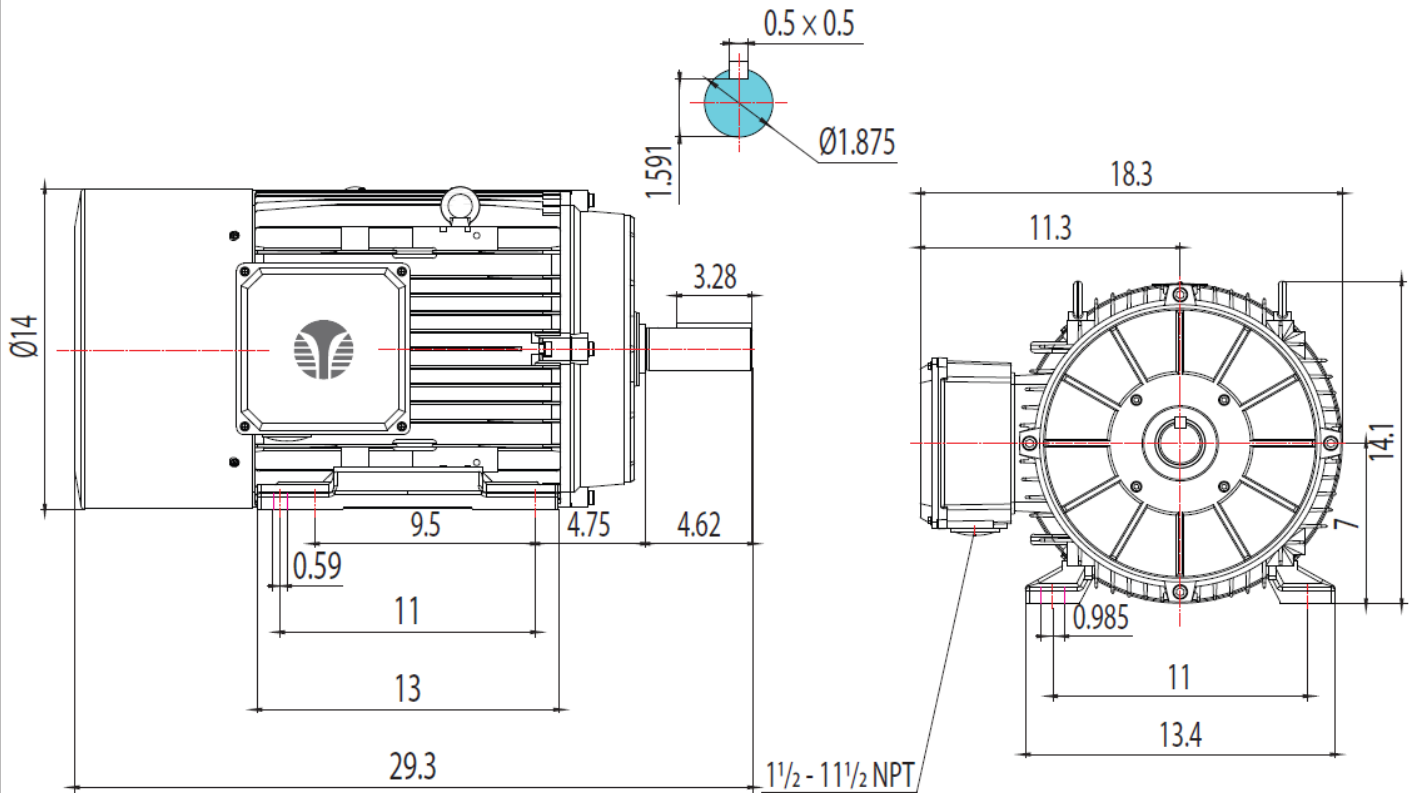
Certifications	UL	CSA	DOE
File Numbers	323353	224693	096A
Wiring Diagram	3PH 12 Lead Dual Voltage		





Model Number	GX3-AL-TF-284T-4-B-D-25-230 460-60
MFG PN	T284T25U4B
List Price	--
Base Frame	GX-284T-AL-TF

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



MODEL NUMBER:
GX3-AL-TF-280T
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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