



Model Number GX3-AL-TF-286T-6-B-D-20-230|460-60

MFG PN T286T20U6B

List Price --

All data shown at HIGH voltage setting

Format STD 3 Phase

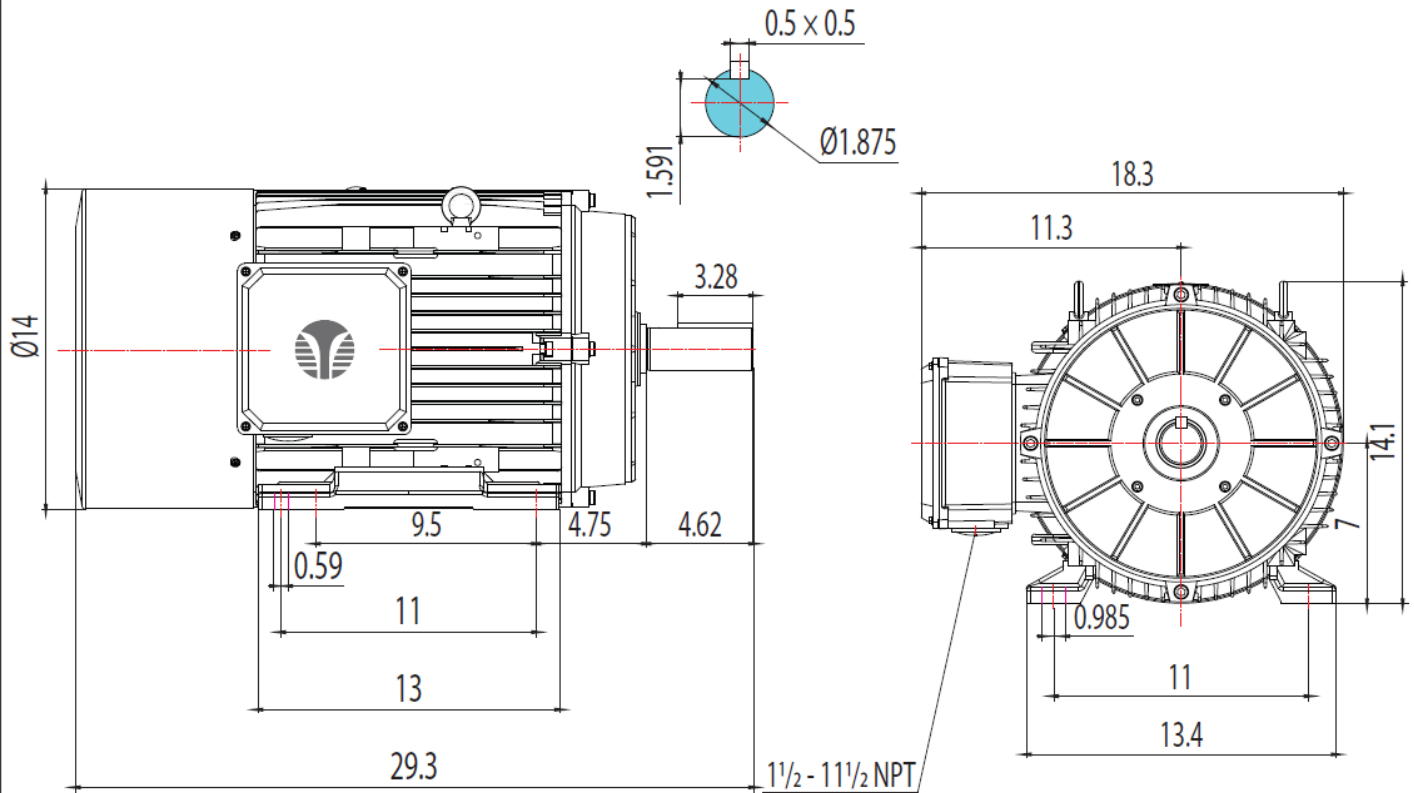
Electrical Data				General Data	
Rated Motor Output Power		20 HP		Frame Size	286
Rated Motor Speed		1180 r/min		Enclosure	TEFC
Rated Motor Voltage (3 Phase)		230 460-60 Volts - HZ		Approximate Weight	308.44
Rated Motor Current		52.0/26.0 Amps		NEMA Design	A
Service Factor		1.25		IP Rating	55
KVA Code		L		Insulation Class	F
Nominal Efficiency		91.7 %		Tropicalization	YES
Nominal Power Factor		0.79 cosθ		Duty	Cont.
Full Load Torque Ft-Lb		89.17584 Ft-Lb		Cable Entry	1.25
Temp Rise @ Full Load °C		59.7		Feet Removable	YES
Efficiency Level		IE3 - NEMA Premium		Double Drilled	NO
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	252	220.9	Rated Altitude (M)	1000
Breakdown	-	313	-	Coating	7024 - Graphite Grey
Pull Up	-	115	-	Shaft Grounding	Yes
125% of FL	1178	-	28.24	Brake Voltage (DC)	--
75% of FL	1186	-	19.73	Brake Torque (N-M)	--
50% of FL	1191	-	15.36	Mechanical Data	
No Load	1196	-	10.78	Bearing DE Side	6311 C3
Hazardous Location	Class 1, Div 2, Grp A,B,C,D			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 (%), cosϕ = Power Factor		
Certifications	UL	CSA	DOE		
File Numbers	323353	224693	096A		
Wiring Diagram	3PH 12 Lead Dual Voltage				
6 7 12 1 4 8 10 2 5 9 11 3 230V RUN 4 7 12 1 5 8 10 2 6 9 11 3 460V RUN 10 4 7 1 11 5 8 2 12 6 9 3 398V RUN 10 4 7 1 11 5 8 2 12 6 9 3 796V RUN					

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



Model Number	GX3-AL-TF-286T-6-B-D-20-230 460-60
MFG PN	T286T20U6B
List Price	--
Base Frame	GX-286T-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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