



Model Number GX3-AL-TF-286TC-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

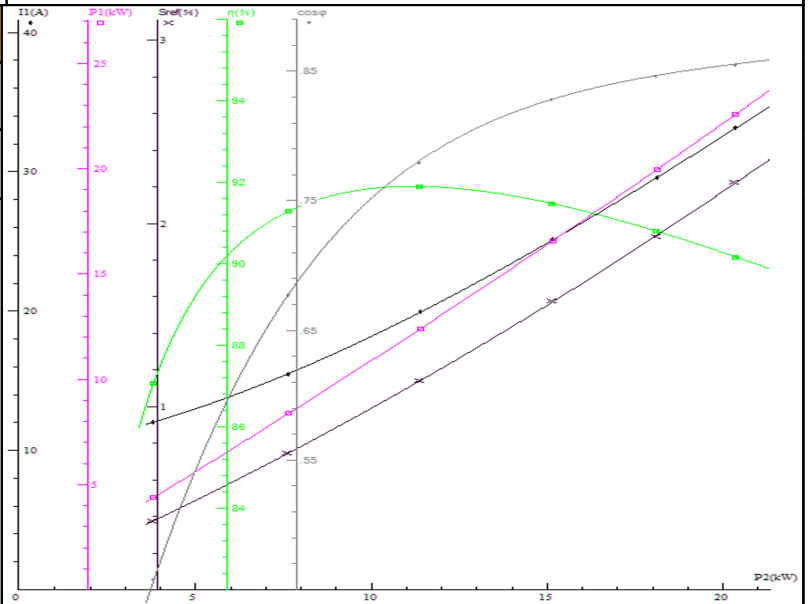
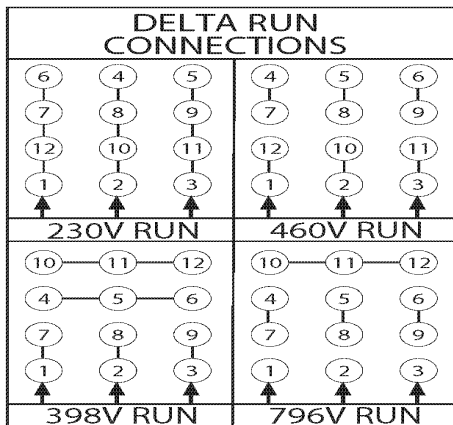
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	252	220.9	Rated Altitude (M)	1000
Breakdown	-	313	-	Coating	7024 - Graphite Grey
Pull Up	-	115	-	Shaft Grounding	Yes
125% of FL	1178	-	28.24	Brake Voltage (DC)	--
75% of FL	1186	-	19.73	Brake Torque (N-M)	--
50% of FL	1191	-	15.36	Mechanical Data	
No Load	1196	-	10.78		

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 (%), cosφ = Power Factor			

Certifications	UL	CSA	DOE
File Numbers	323353	224693	096A

Wiring Diagram	3PH 12 Lead Dual Voltage
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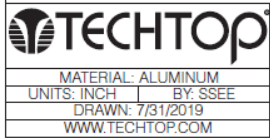
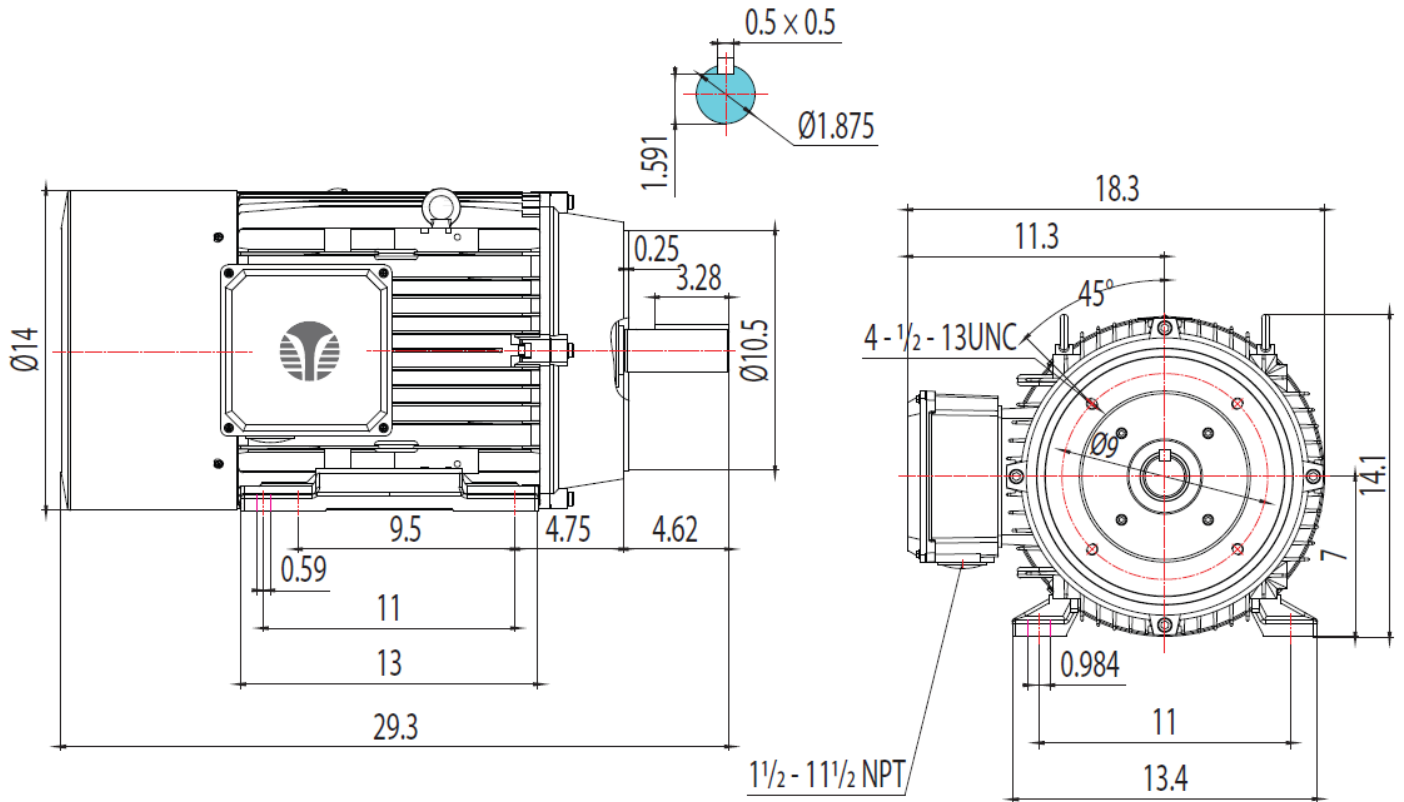


Techtop Industries -2815 Colonnades Court - Peachtree Corners, GA 30071 - Phone: (678) 436-5540



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

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