



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

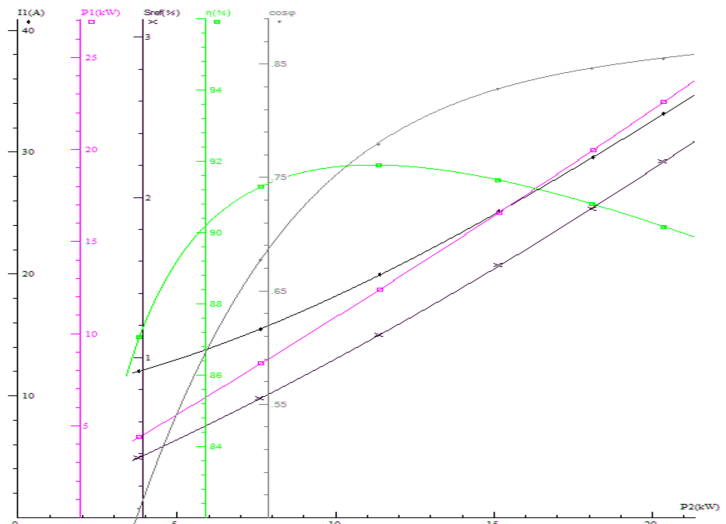
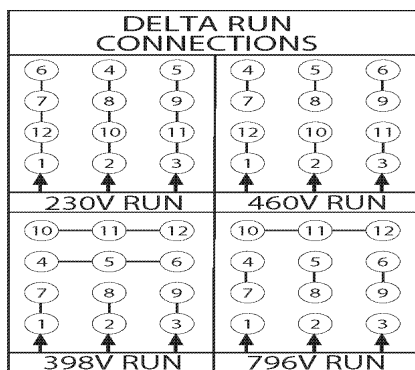
Format STD 3 Phase

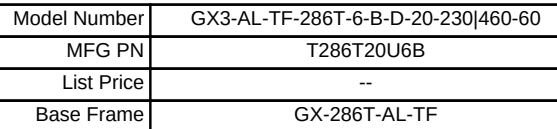
Electrical Data				General Data	
Rated Motor Output Power	20 HP			Frame Size	286
Rated Motor Speed	1180 r/min			Enclosure	TEFC
Rated Motor Voltage (3 Phase)	230 460-60 Volts - HZ			Approximate Weight	308.44
Rated Motor Current	52.0/26.0 Amps			NEMA Design	A
Service Factor	1.25			IP Rating	55
KVA Code	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	

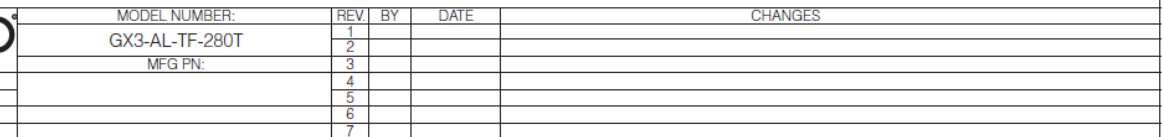
Certifications	UL	CSA	DOE
File Numbers	323353	224693	096A

Wiring Diagram	3PH 12 Lead Dual Voltage
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Technical drawing of the 1000 Series Motor showing three views: front, side, and end views. The front view (left) shows a motor with a square terminal box and a circular logo. Dimensions include a total width of 29.3, a terminal box width of 13, and a mounting flange diameter of Ø14. The side view (top) shows a motor with a circular end view and a mounting flange. Dimensions include a total height of 15.91, a mounting flange diameter of Ø1.875, and a mounting flange thickness of 0.5 x 0.5. The end view (right) shows a motor with a circular end view and a mounting flange. Dimensions include a total width of 18.3, a mounting flange diameter of Ø1.875, and a mounting flange thickness of 0.5 x 0.5. The motor is labeled with a 1 1/2 - 11 1/2 NPT connection.



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