



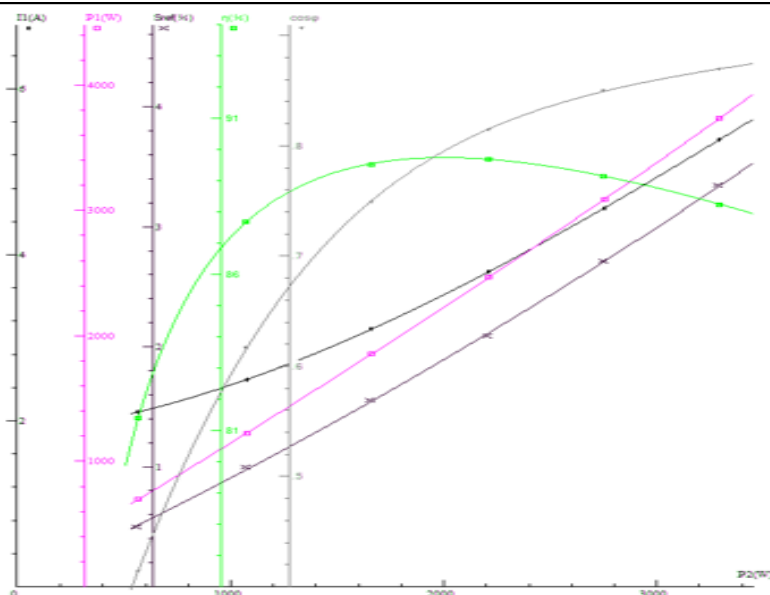
Model Number GX3-AL-TF-182T-4-B-D-3-230|460-60

MFG PN T182T3U4B

List Price --

All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data				General Data	
Rated Motor Output Power		3 HP		Frame Size	182
Rated Motor Speed		1760 r/min		Enclosure	TEFC
Rated Motor Voltage (3 Phase)		230 460-60 Volts - HZ		Approximate Weight	64.9
Rated Motor Current		7.62/3.81 Amps		NEMA Design	A
Service Factor		1.25		IP Rating	55
KVA Code		L		Insulation Class	F
Nominal Efficiency		89.5 %		Tropicalization	YES
Nominal Power Factor		0.81 cosθ		Duty	Cont.
Full Load Torque Ft-Lb		8.8076816 Ft-Lb		Cable Entry	1.25
Temp Rise @ Full Load °C		25		Feet Removable	YES
Efficiency Level		IE3 - NEMA Premium		Double Drilled	NO
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	259	37.74	Rated Altitude (M)	1000
Breakdown	-	421	-	Coating	7024 - Graphite Grey
Pull Up	-	248	-	Shaft Grounding	Yes
125% of FL	1751.3	-	4.5586	Brake Voltage (DC)	--
75% of FL	1772.4	-	3.0909	Brake Torque (N-M)	--
50% of FL	1791	-	2.0599	Mechanical Data	
No Load	--	-	1.949	Bearing DE Side	6306ZZ
Hazardous Location	Class 1, Div 2, Grp A,B,C,D			Bearing NDE Side	6306ZZ
				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 9 Lead Dual Voltage				
3 Phase - YY/Y - 9 Lead 4,1 Blue / 5,2 White / 6,3 Org / 7 Yl / 8 Blk / 9 RD Cast Iron- 1,2,3 Top - 4,5,6,7,8,9 Bottom Aluminum - 4,5,6,8,9 Top - 1,2,3,7 Bottom CONNECTIONS 4 5 6 7 8 9 1 2 3 LOW VOLTAGE 4 5 6 7 8 9 1 2 3 HIGH VOLTAGE					

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

FRAME: 180T	HP:	RPM:	PHASE: 3	VOLT: 208-230/460V	ENCL: TEFC	FREQ: 60 Hz	FLA:	LRA:
-------------	-----	------	----------	--------------------	------------	-------------	------	------

