



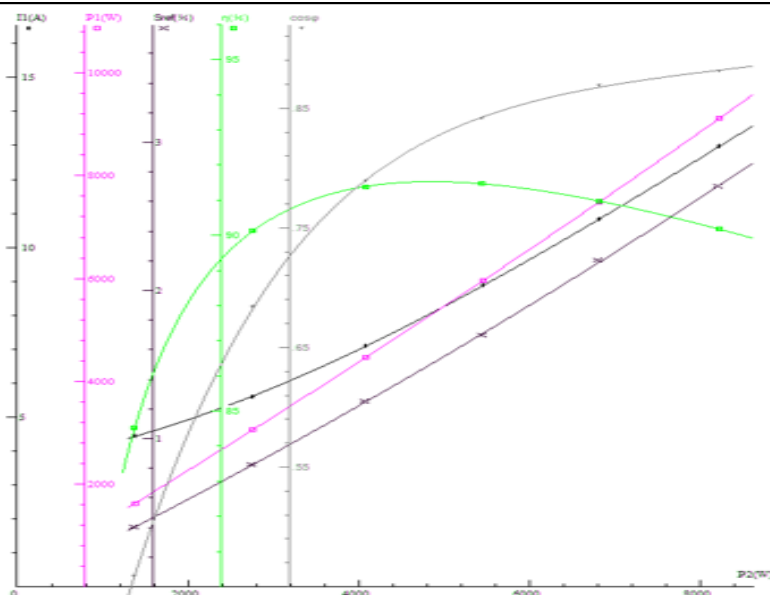
Model Number GX3-AL-TF-213TC-4-B-D-7.5-230|460-60

MFG PN T213T7.5U4B

List Price --

All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data				General Data	
Rated Motor Output Power		7.5 HP		Frame Size	213
Rated Motor Speed		1765 r/min		Enclosure	TEFC
Rated Motor Voltage (3 Phase)		230 460-60 Volts - HZ		Approximate Weight	126.28
Rated Motor Current		17.7/8.86 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		0.85 cosθ		Duty	Cont.
Full Load Torque Ft-Lb		22.0557152 Ft-Lb		Cable Entry	1.25
Temp Rise @ Full Load °C		36		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	89.99	Rated Altitude (M)	1000
Breakdown	-	403	-	Coating	7024 - Graphite Grey
Pull Up	-	197	-	Shaft Grounding	Yes
125% of FL	1760.9	-	9.9261	Brake Voltage (DC)	--
75% of FL	1772.2	-	7.1462	Brake Torque (N-M)	--
50% of FL	1755.2	-	5.6169	Mechanical Data	
No Load	--	-	3.916	Bearing DE Side	6308ZZ
Hazardous Location	Class 1, Div 2, Grp A,B,C,D			Bearing NDE Side	6308ZZ
				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

FRAME: 210TC HP: RPM: PHASE: 3 VOLT: 208-230/460V ENCL: TEFC FREQ: 60 Hz FLA: LRA:

