



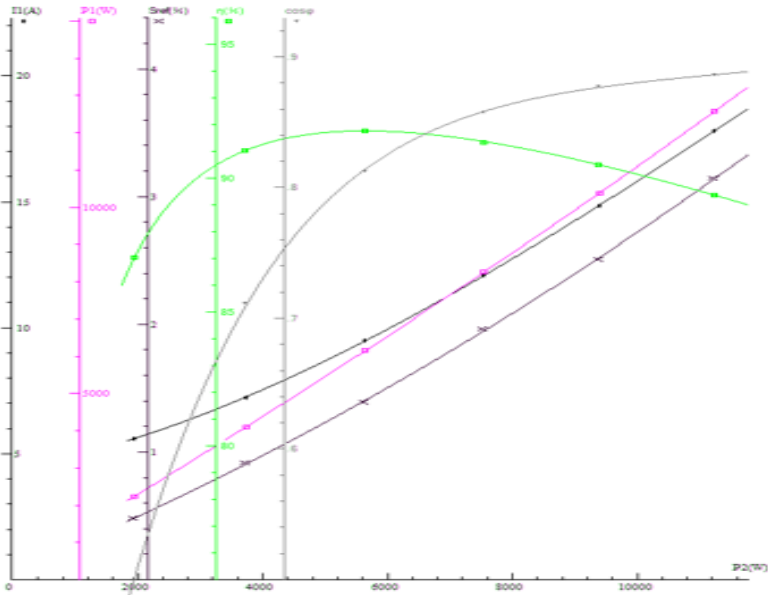
Model Number GX3-AL-TF-215TC-4-B-D-10-230|460-60

MFG PN TFC215T10U4B

List Price --

All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data				General Data	
Rated Motor Output Power		10 HP		Frame Size	215
Rated Motor Speed		1760 r/min		Enclosure	TEFC
Rated Motor Voltage (3 Phase)		230 460-60 Volts - HZ		Approximate Weight	131
Rated Motor Current		23.9/12.0 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		0.86 cosθ		Duty	Cont.
Full Load Torque Ft-Lb		29.8956656 Ft-Lb		Cable Entry	1.25
Temp Rise @ Full Load °C		44		Feet Removable	YES
Efficiency Level		IE3 - NEMA Premium		Double Drilled	NO
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	318	123.4	Rated Altitude (M)	1000
Breakdown	-	387	-	Coating	7024 - Graphite Grey
Pull Up	-	171	-	Shaft Grounding	YES
125% of FL	1754.7	-	14.833	Brake Voltage (DC)	
75% of FL	1774.8	-	9.4591	Brake Torque (N-M)	
50% of FL	1733.6	-	7.2718	Mechanical Data	
No Load		-	4.881	Bearing DE Side	6308 ZZ
Hazardous Location	Class 1, Div 2, Grp A,B,C,D			Bearing NDE Side	6208 ZZ
				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 7 1 5 8 2 6 9 3 LOW VOLTAGE 4 7 1 5 8 2 6 9 3 HIGH VOLTAGE					

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:

