



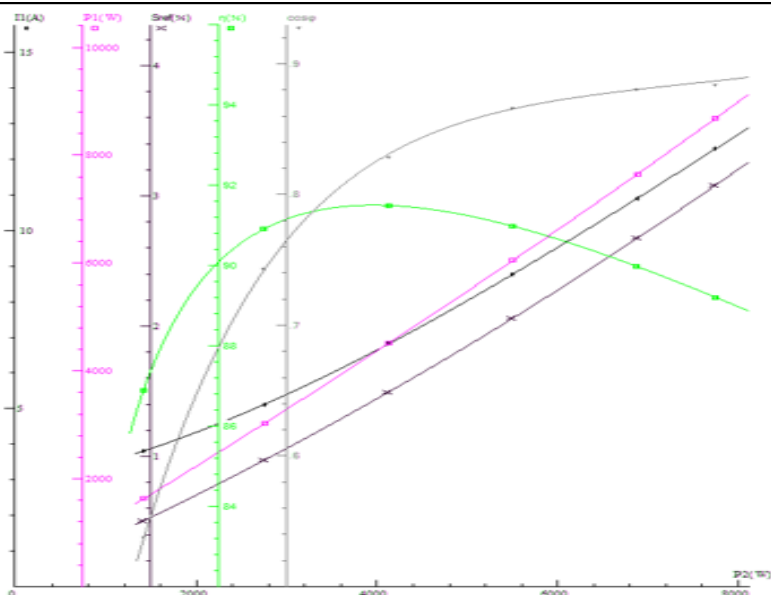
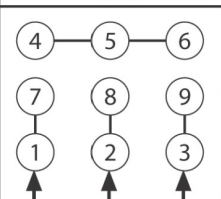
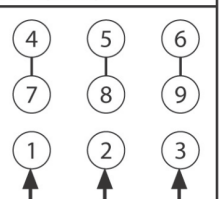
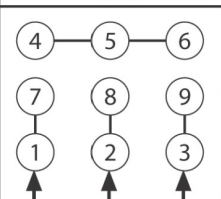
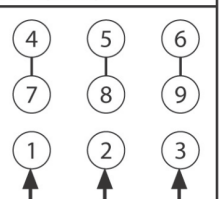
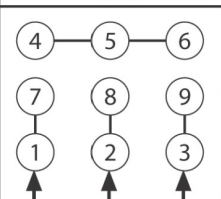
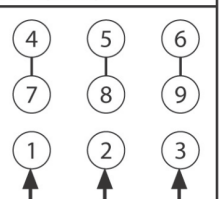
Model Number GR3-CI-TF-213T-4-B-F-7.5-575-60

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		1750 r/min		Enclosure	TEFC																		
Rated Motor Voltage (3 Phase)		575-60 Volts - HZ		Approximate Weight	156																		
Rated Motor Current		7.12 Amps		NEMA Design	A																		
Service Factor		1.25		IP Rating	55																		
KVA Code		J		Insulation Class	F																		
Nominal Efficiency		91.7 %		Tropicalization	YES																		
Nominal Power Factor		0.86 cosθ		Duty	Cont.																		
Full Load Torque Ft-Lb		22.046864 Ft-Lb		Cable Entry	1.25																		
Temp Rise @ Full Load °C		37.3		Feet Removable	YES																		
Efficiency Level		IE3 - NEMA Premium		Double Drilled	NO																		
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40																		
Locked Rotor	-	230	60.8	Rated Altitude (M)	1000																		
Breakdown	-	324	-	Coating	7024 - Graphite Grey																		
Pull Up	-	484	-	Shaft Grounding	NO																		
125% of FL	1752	-	8.7	Brake Voltage (DC)	--																		
75% of FL	1773	-	5.44	Brake Torque (N-M)	--																		
50% of FL	1782	-	4	Mechanical Data																			
No Load	--	-	2.57	Bearing DE Side	6308 ZZ																		
Hazardous Location	Class 1, Div 2, Grp A,B,C,D			Bearing NDE Side	6308 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 <table><tr><th colspan="6">CONNECTIONS</th></tr><tr><td colspan="3"></td><td colspan="3"></td></tr><tr><td colspan="3">LOW VOLTAGE</td><td colspan="3">HIGH VOLTAGE</td></tr></table>						CONNECTIONS												LOW VOLTAGE			HIGH VOLTAGE		
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Techtop Industries -2815 Colonnades Court - Peachtree Corners, GA 30071 - Phone: (678) 436-5540

FRAME: 213T

HP:

RPM:

PHASE: 3

VOLT: 115/208-230V

ENCL: TEFC

FREQ: 60 Hz

FLA:

LRA:

