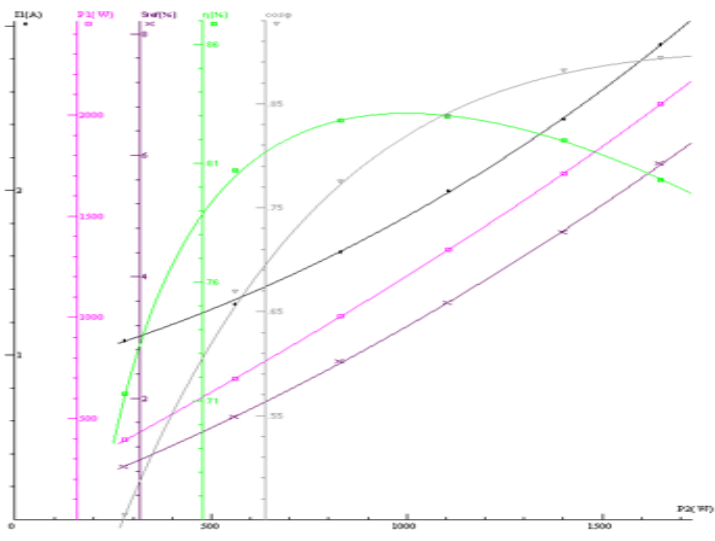
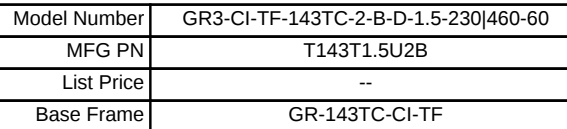


				Model Number		GR3-CI-TF-143TC-2-B-D-1.5-230 460-60						
				MFG PN		T143T1.5U2B						
				List Price		--						
All data shown at HIGH voltage setting						Format		STD 3 Phase				
Electrical Data					General Data							
Rated Motor Output Power		1.5 HP			Frame Size		143					
Rated Motor Speed		3500 r/min			Enclosure		TEFC					
Rated Motor Voltage (3 Phase)		230 460-60 Volts - HZ			Approximate Weight		41.8					
Rated Motor Current		4.12/2.06 Amps			NEMA Design		B					
Service Factor		1.25			IP Rating		55					
KVA Code		K			Insulation Class		F					
Nominal Efficiency		84 %			Tropicalization		YES					
Nominal Power Factor		0.84 cosθ			Duty		Cont.					
Full Load Torque Ft-Lb		2.227552 Ft-Lb			Cable Entry		1.25					
Temp Rise @ Full Load °C		45.4			Feet Removable		YES					
Efficiency Level		IE3 - NEMA Premium			Double Drilled		NO					
Load Data	RPM	Trq %FL		Current Amps	Rated Ambient (°C)		40					
Locked Rotor	-	312		15.73	Rated Altitude (M)		1000					
Breakdown	-	346		-	Coating		7024 - Graphite Grey					
Pull Up	-	--		-	Shaft Grounding		NO					
125% of FL	3432	-		2.39	Brake Voltage (DC)		--					
75% of FL	3508	-		1.62	Brake Torque (N-M)		--					
50% of FL	3540	-		1.32	Mechanical Data							
No Load	--	-		1								
Hazardous Location	Class 1, Div 2, Grp A,B,C,D				Bearing DE Side		6205ZZ					
					Bearing NDE Side		6205ZZ					
					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 4 5 6 7 8 9 1 2 3 LOW VOLTAGE HIGH VOLTAGE												
Techtop Industries -2815 Colonnades Court - Peachtree Corners, GA 30071 - Phone: (678) 436-5540												

[illegible]