



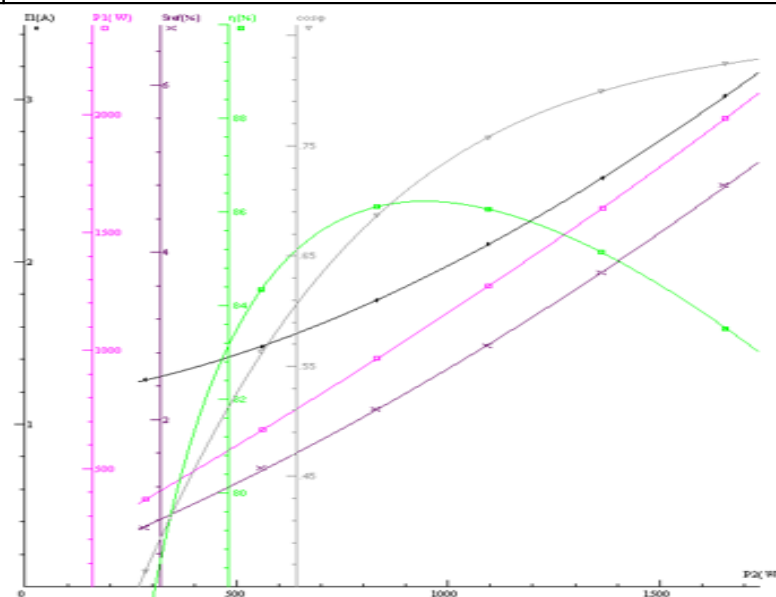
Model Number GR3-CI-TF-145T-4-B-D-1.5-230|460-60

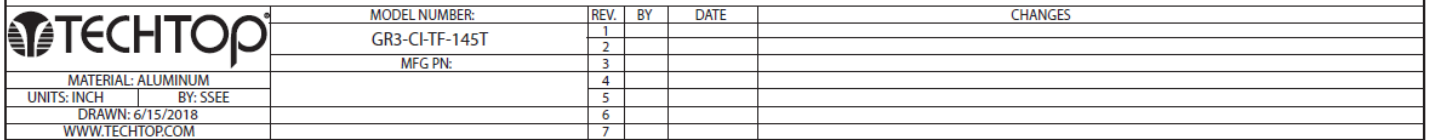
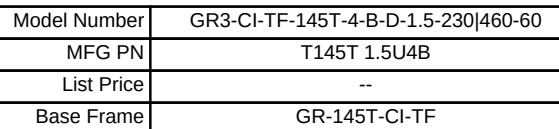
MFG PN T145T 1.5U4B

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	145																																		
Rated Motor Speed		1740 r/min		Enclosure	TEFC																																		
Rated Motor Voltage (3 Phase)		230 460-60 Volts - HZ		Approximate Weight	48																																		
Rated Motor Current		4.4/2.2 Amps		NEMA Design	B																																		
Service Factor		1.25		IP Rating	55																																		
KVA Code		L		Insulation Class	F																																		
Nominal Efficiency		86.5 %		Tropicalization	YES																																		
Nominal Power Factor		0.75 cosθ		Duty	Cont.																																		
Full Load Torque Ft-Lb		4.4256 Ft-Lb		Cable Entry	1.25																																		
Temp Rise @ Full Load °C		36.8		Feet Removable	YES																																		
Efficiency Level		IE3 - NEMA Premium		Double Drilled	NO																																		
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40																																		
Locked Rotor	-	311	16.74	Rated Altitude (M)	1000																																		
Breakdown	-	351	-	Coating	7024 - Graphite Grey																																		
Pull Up	-	216	-	Shaft Grounding	NO																																		
125% of FL	1732	-	2.5	Brake Voltage (DC)																																			
75% of FL	1762	-	1.75	Brake Torque (N-M)																																			
50% of FL	1775	-	1.47	Mechanical Data																																			
No Load	1796	-	1.19	Bearing DE Side	6205ZZ																																		
Hazardous Location	Class 1, Div 2, Grp A,B,C,D			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																																							
<table border="1"><tr><th colspan="6">CONNECTIONS</th></tr><tr><td>4</td><td>5</td><td>6</td><td>4</td><td>5</td><td>6</td></tr><tr><td>7</td><td>8</td><td>9</td><td>7</td><td>8</td><td>9</td></tr><tr><td>1</td><td>2</td><td>3</td><td>1</td><td>2</td><td>3</td></tr><tr><td>↑</td><td>↑</td><td>↑</td><td>↑</td><td>↑</td><td>↑</td></tr><tr><td colspan="3">LOW VOLTAGE</td><td colspan="3">HIGH VOLTAGE</td></tr></table>						CONNECTIONS						4	5	6	4	5	6	7	8	9	7	8	9	1	2	3	1	2	3	↑	↑	↑	↑	↑	↑	LOW VOLTAGE			HIGH VOLTAGE
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