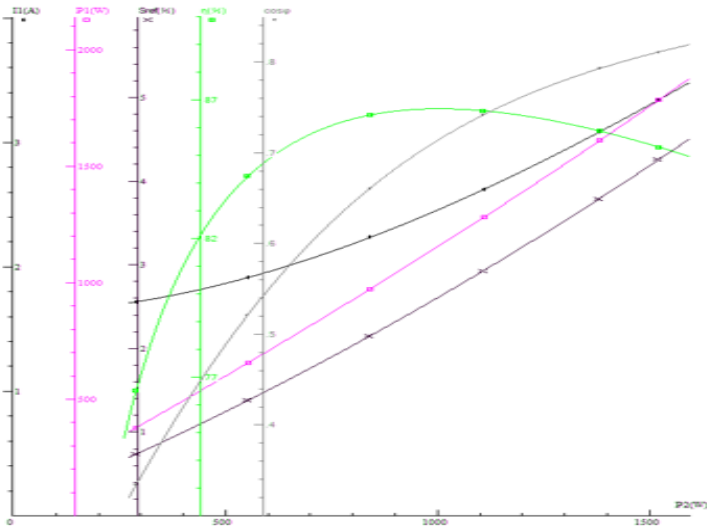
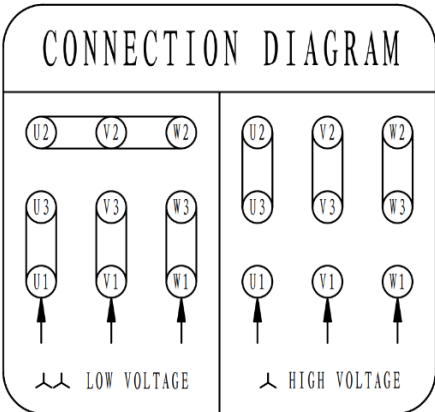




Model Number	GR3-AL-TF-90SB35-4-B-D-1.5-230 460-60
MFG PN	T 90S-4
List Price	--

All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data				General Data	
Rated Motor Output Power		1.5 HP		Frame Size	90
Rated Motor Speed		1740 r/min		Enclosure	TEFC
Rated Motor Voltage (3 Phase)		230 460-60 Volts - HZ		Approximate Weight	--
Rated Motor Current		4.36/2.48 Amps		NEMA Design	B
Service Factor		1.15		IP Rating	55
KVA Code		K		Insulation Class	F
Nominal Efficiency		86.5 %		Tropicalization	YES
Nominal Power Factor		0.74 cosθ		Duty	Cont.
Full Load Torque Ft-Lb		3.26432256 Ft-Lb		Cable Entry	M20 X 1.5
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)	
Locked Rotor	-	311	20.63	40	
Breakdown	-	390	-	Rated Altitude (M)	
Pull Up	-	309	-	1000	
125% of FL	1738	-	2.87	Coating	
75% of FL	1762	-	2.21	7024 - Graphite Grey	
50% of FL	1775	-	1.91	Shaft Grounding	
No Load	1796	-	1.65	NO	
Hazardous Location	Class 1, Div 2, Grp A,B,C,D			Brake Voltage (DC)	
				--	
				Brake Torque (N-M)	
				--	
				Mechanical Data	
				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 IEC Dual Voltage				
CONNECTION DIAGRAM 					

Techtop Industries -2815 Colonnades Court - Peachtree Corners, GA 30071 - Phone: (678) 436-5540

