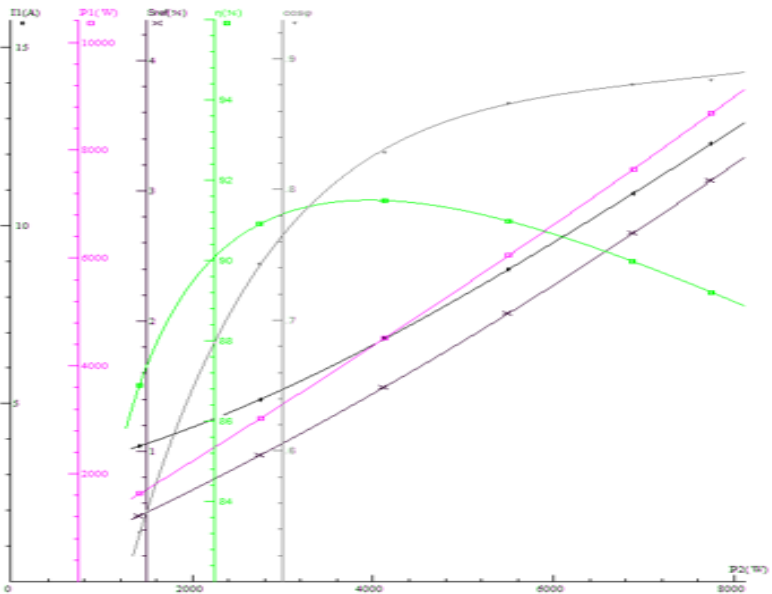
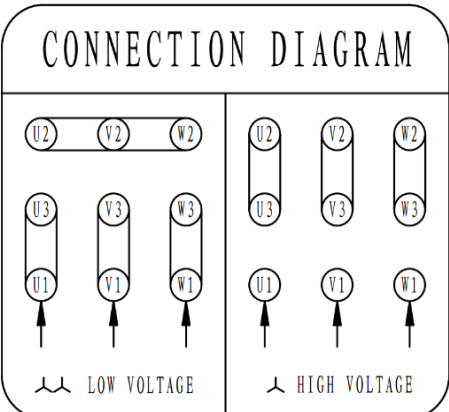


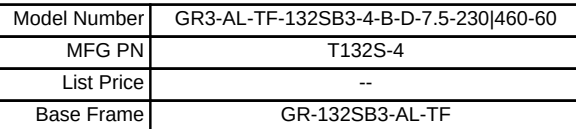


Model Number	GR3-AL-TF-132SB3-4-B-D-7.5-230 460-60
MFG PN	T132S-4
List Price	--

All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data				General Data	
Rated Motor Output Power		7.5 HP		Frame Size	132
Rated Motor Speed		1765 r/min		Enclosure	TEFC
Rated Motor Voltage (3 Phase)		230 460-60 Volts - HZ		Approximate Weight	103.4
Rated Motor Current		17.7/8.86 Amps		NEMA Design	A
Service Factor		1.15		IP Rating	55
KVA Code		L		Insulation Class	F
Nominal Efficiency		91.7 %		Tropicalization	YES
Nominal Power Factor		0.85 cosθ		Duty	Cont.
Full Load Torque Ft-Lb		22.0557152 Ft-Lb		Cable Entry	M25 X 1.5
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	-	259	89.99	Rated Altitude (M)	1000
Breakdown	-	403	-	Coating	7024 - Graphite Grey
Pull Up	-	197	-	Shaft Grounding	NO
125% of FL	1760.9	-	9.9261	Brake Voltage (DC)	--
75% of FL	1772.2	-	7.1462	Brake Torque (N-M)	--
50% of FL	1755.2	-	5.6169	Mechanical Data	
No Load	--	-	3.916	Bearing DE Side	6308ZZ
Hazardous Location	Class 1, Div 2, Grp A,B,C,D			Bearing NDE Side	6308ZZ
				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 					



Technical drawing of the motor showing front and side views with dimensions.

Front View (Left):

- Top width: 112
- Bottom width: 260
- Height: 318
- Mounting feet width: 216
- Mounting feet height: 132
- Terminal box width: 80 ± 0.5
- Terminal box height: 89 ± 1.5
- Terminal box mounting holes: 140
- Terminal box mounting holes: 12
- Terminal box mounting holes: 10
- Terminal box mounting holes: 41
- Terminal box mounting holes: 33
- Terminal box mounting holes: Ø38
- Terminal box mounting holes: 2 - M25 X 1.5

Side View (Right):

- Top width: 112
- Bottom width: 260
- Height: 318
- Mounting feet width: 216
- Mounting feet height: 132
- Terminal box width: 80 ± 0.5
- Terminal box height: 89 ± 1.5
- Terminal box mounting holes: 140
- Terminal box mounting holes: 12
- Terminal box mounting holes: 10
- Terminal box mounting holes: 41
- Terminal box mounting holes: 33
- Terminal box mounting holes: Ø38
- Terminal box mounting holes: 2 - M25 X 1.5



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