

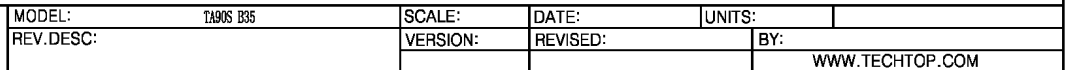
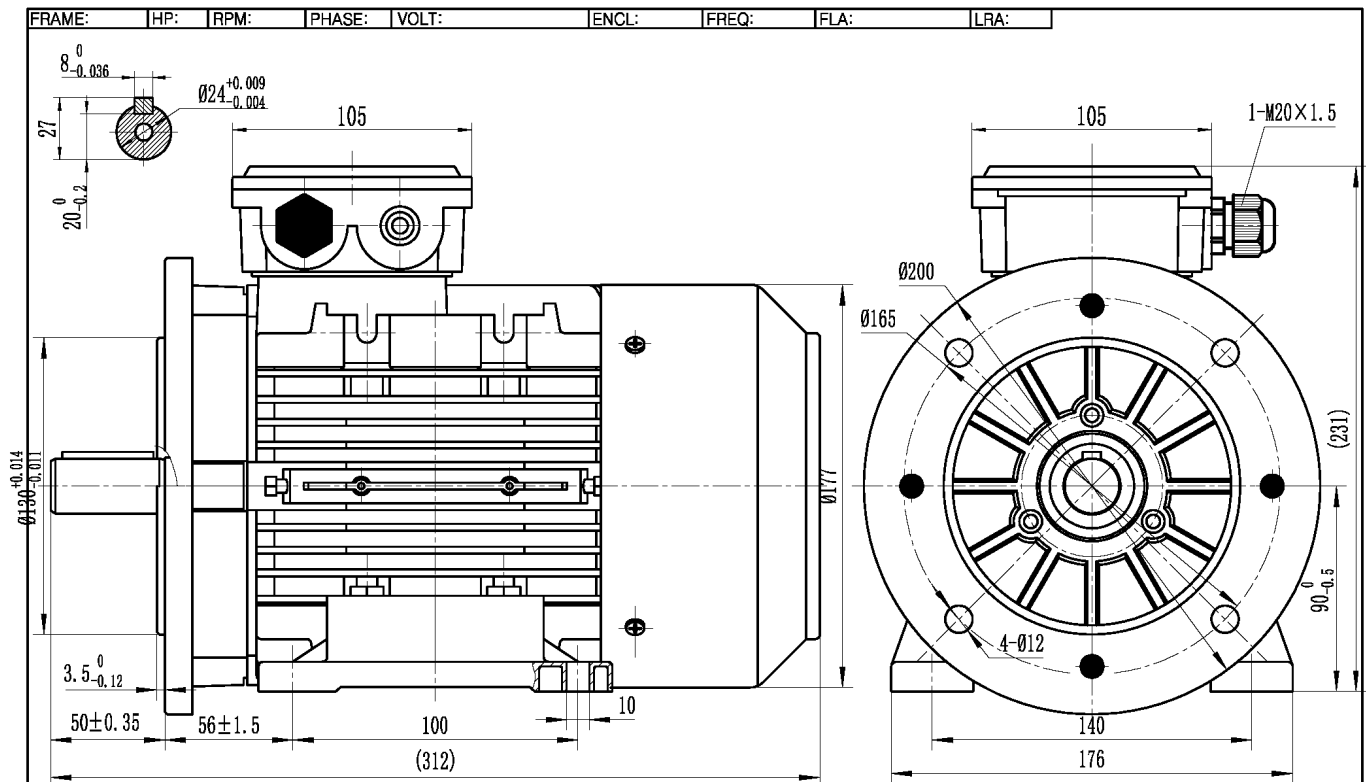
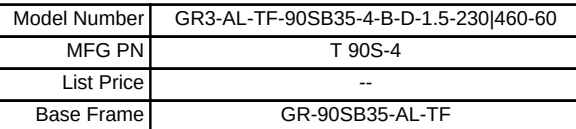


Model Number	GR3-AL-TF-90SB35-4-B-D-1.5-230 460-60
MFG PN	T 90S-4
List Price	--

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)	40
Locked Rotor	-	311	20.63	Rated Altitude (M)	1000
Breakdown	-	390	-	Coating	7024 - Graphite Grey
Pull Up	-	309	-	Shaft Grounding	NO
125% of FL	1738	-	2.87	Brake Voltage (DC)	--
75% of FL	1762	-	2.21	Brake Torque (N-M)	--
50% of FL	1775	-	1.91	Mechanical Data	
No Load	1796	-	1.65	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 IEC Dual Voltage				
CONNECTION DIAGRAM					



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