



Model Number	GR3-AL-TF-90SB34-4-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 cos θ			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 (%), cos ϕ = Power Factor			

Certifications	UL	CSA	DOE
File Numbers	323353	224693	096A
Wiring Diagram	3PH 9 Lead IEC Dual Voltage		



