



Model Number GR3-AL-TF-90SB3-4-B-F-1.5-575-60

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)	575-60 Volts - HZ	Approximate Weight	33
Rated Motor Current	1.74 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	3.3192 Ft-Lb	Cable Entry	M20 X 1.5
Temp Rise @ Full Load °C	37	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	10.712	Rated Altitude (M)	1000
Breakdown	-	351	-	Coating	7024 - Graphite Grey
Pull Up	-	216	-	Shaft Grounding	NO
125% of FL	1732	-	1.6	Brake Voltage (DC)	--
75% of FL	1762	-	1.12	Brake Torque (N-M)	--
50% of FL	1775	-	0.936	Mechanical Data	
No Load	1796	-	0.76		

Hazardous Location	Class 1, Div 2, Grp A,B,C,D			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		



