



Model Number GR3-AL-TF-90LB3-4-B-D-2-230|460-60

MFG PN T 90L-4

List Price --

All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data				General Data	
Rated Motor Output Power	2 HP			Frame Size	90
Rated Motor Speed	1740 r/min			Enclosure	TEFC
Rated Motor Voltage (3 Phase)	230 460-60 Volts - HZ			Approximate Weight	39.69
Rated Motor Current	5.58/2.79 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	0.78 cosθ			Duty	Cont.
Full Load Torque Ft-Lb	6.05082784 Ft-Lb			Cable Entry	M20 X 1.5
Temp Rise @ Full Load °C	50			Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium			Double Drilled	NO
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	338	28.78	Rated Altitude (M)	1000
Breakdown	-	387	-	Coating	7024 - Graphite Grey
Pull Up	-	311	-	Shaft Grounding	NO
125% of FL	1727.2	-	4.2781	Brake Voltage (DC)	--
75% of FL	1759.3	-	3.0522	Brake Torque (N-M)	--
50% of FL	1773.5	-	2.5722	Mechanical Data	
No Load	--	-	2.167	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)
				Loaded Torque Curves	
CT VFD Range		--		<b>P1 = INPUT POWER (KW), S = Slip (% of Sync RPM), η = Efficiency (%), cosφ = Power Factor</b>	
Certifications	UL	CSA	DOE		
File Numbers	323353	224693	096A		
Wiring Diagram	3PH 9 Lead IEC Dual Voltage				

