



Model Number GR3-CI-TF-324TC-4-BR-D-40-230|460-60

MFG PN T324T40U4B

List Price --

All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data		General Data	
Rated Motor Output Power	40 HP	Frame Size	324
Rated Motor Speed	1780 r/min	Enclosure	TEFC
Rated Motor Voltage (3 Phase)	230 460-60 Volts - HZ	Approximate Weight	538
Rated Motor Current	93.6/46.8 Amps	NEMA Design	A
Service Factor	1.25	IP Rating	55
KVA Code	H	Insulation Class	F
Nominal Efficiency	94.1 %	Tropicalization	YES
Nominal Power Factor	0.85 cos ϕ	Duty	Cont.
Full Load Torque Ft-Lb	119.4912 Ft-Lb	Cable Entry	1.25
Temp Rise @ Full Load °C	57.7	Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium	Double Drilled	NO

Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	
Locked Rotor	-	289	407.3	Rated Altitude (M)	1000
Breakdown	-	236	-	Coating	7024 - Graphite Grey
Pull Up	-	217	-	Shaft Grounding	NO
125% of FL	1775	-	57.82	Brake Voltage (DC)	--
75% of FL	1786	-	36.66	Brake Torque (N-M)	--
50% of FL	1791	-	27.89	Mechanical Data	
No Load	1797	-	18.14	Bearing DE Side	6312 C3

Hazardous Location	Class 1, Div 2, Grp A,B,C,D		Bearing NDE Side	6312 C3
			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 12 Lead Dual Voltage
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