



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

MFG PN TFC324T40U4B

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	571
Rated Motor Current	93.6/46.8 Amps			NEMA Design	BE
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 θ			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)	40
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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