



Model Number	GR3-CI-TF-324TSC-2-BR-D-40-230 460-60
MFG PN	TFC324TS40U2B
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	3555 r/min	Enclosure	TEFC
Rated Motor Voltage (3 Phase)	230 460-60 Volts - HZ	Approximate Weight	517
Rated Motor Current	91/45.5 Amps	NEMA Design	BE
Service Factor	1.25	IP Rating	55
KVA Code	H	Insulation Class	F
Nominal Efficiency	92.4 %	Tropicalization	YES
Nominal Power Factor	0.89 cos θ	Duty	Cont.
Full Load Torque Ft-Lb	59.67184 Ft-Lb	Cable Entry	1.25
Temp Rise @ Full Load °C	65.8	Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium	Double Drilled	NO

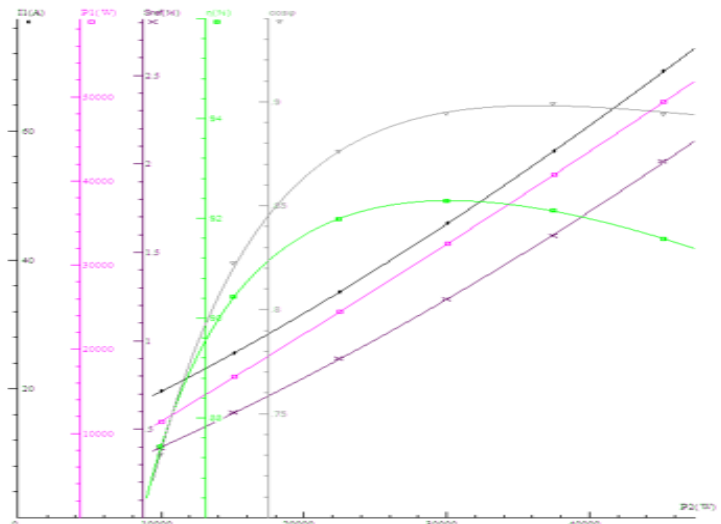
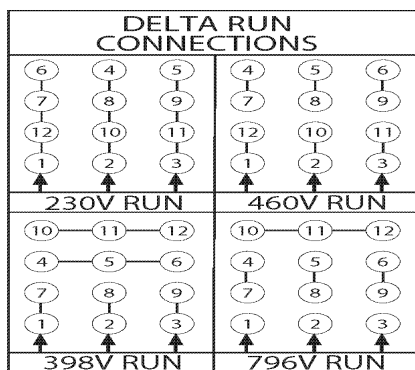
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	
Locked Rotor	-	235	344.4	Rated Altitude (M)	1000
Breakdown	-	289	-	Coating	7024 - Graphite Grey
Pull Up	-	-	-	Shaft Grounding	NO
125% of FL	3542	-	56.87	Brake Voltage (DC)	
75% of FL	3568	-	35	Brake Torque (N-M)	
50% of FL	3579	-	25.43	Mechanical Data	
No Load		-	12.48	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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FRAME: 324TSC | HP: | RPM: | PHASE: 3 | VOLT: 208 - 230/460V | ENCL: TEFC | FREQ: 60 Hz | FLA: | LRA:

