



Model Number GR3-CI-TF-326TC-4-BR-D-50-230|460-60

MFG PN TFC326T50U4B

List Price --

All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data				General Data	
Rated Motor Output Power	50 HP			Frame Size	326
Rated Motor Speed	1780 r/min			Enclosure	TEFC
Rated Motor Voltage (3 Phase)	230 460-60 Volts - HZ			Approximate Weight	576.4
Rated Motor Current	115.2/57.6 Amps			NEMA Design	A
Service Factor	1.25			IP Rating	55
KVA Code	J			Insulation Class	F
Nominal Efficiency	94.5 %			Tropicalization	YES
Nominal Power Factor	0.86 cosθ			Duty	Cont.
Full Load Torque Ft-Lb	148.70016 Ft-Lb			Cable Entry	1.25
Temp Rise @ Full Load °C	61.1			Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium			Double Drilled	NO
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	301	498	Rated Altitude (M)	1000
Breakdown	-	286	-	Coating	7024 - Graphite Grey
Pull Up	-	203	-	Shaft Grounding	NO
125% of FL	1776	-	65.61	Brake Voltage (DC)	--
75% of FL	1785	-	44.85	Brake Torque (N-M)	--
50% of FL	1790	-	34	Mechanical Data	
No Load	1794	-	22	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 (%), cosφ = Power Factor	
Certifications	UL	CSA	DOE		
File Numbers	323353	224693	096A		
Wiring Diagram	3PH 12 Lead Dual Voltage				

