



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	633
Rated Motor Current	115.2/57.6 Amps	NEMA Design	BE
Service Factor	1.25	IP Rating	55
KVA Code	J	Insulation Class	F
Nominal Efficiency	94.5 %	Tropicalization	YES
Nominal Power Factor	0.86 cos ϕ	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

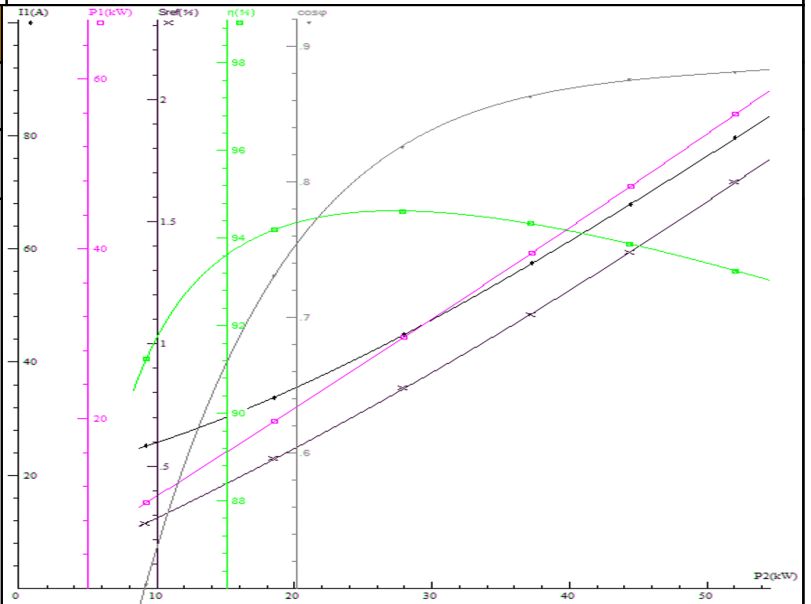
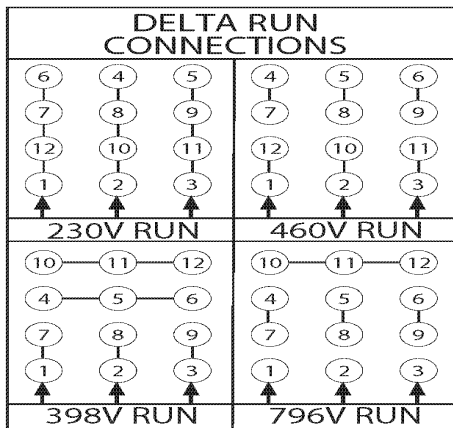
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	
Locked Rotor	-	301	498	40	
Breakdown	-	286	-	Rated Altitude (M)	
Pull Up	-	203	-	1000	
125% of FL	1776	-	65.61	Coating	
75% of FL	1785	-	44.85	7024 - Graphite Grey	
50% of FL	1790	-	34	Shaft Grounding	
No Load	1794	-	22	NO	
				Mechanical Data	
				Bearing DE Side	6312 C3
				Bearing NDE Side	6312 C3
				Moment of Inertia	kg.m2
				Noise Level	Per NEMA dB (A)

Hazardous Location	Class 1, Div 2, Grp A,B,C,D				
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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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Techtop Industries -2815 Colonnades Court - Peachtree Corners, GA 30071 - Phone: (678) 436-5540



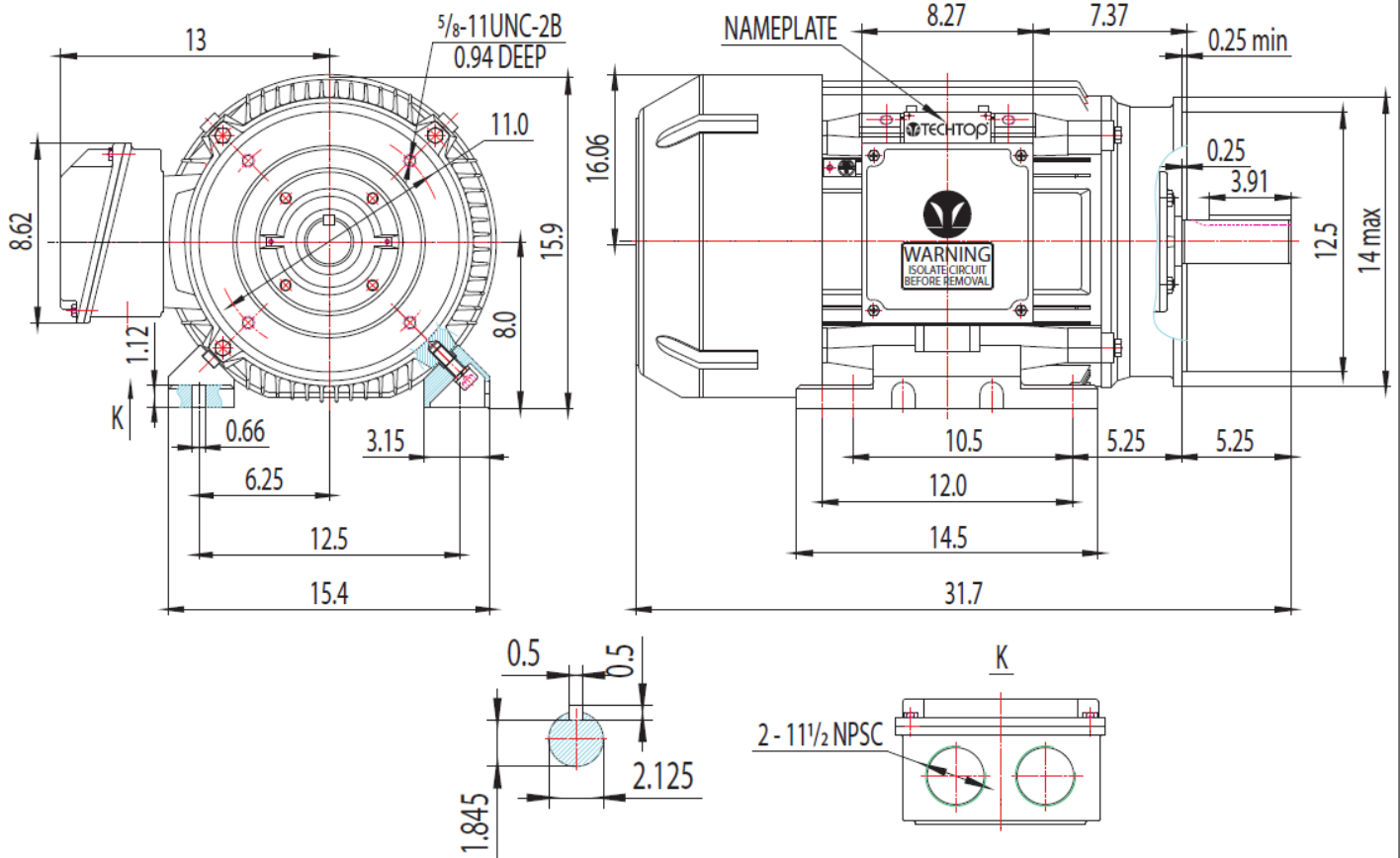
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Base Frame GR-326TC-CI-TF

FRAME: 326TC | HP: | RPM: | PHASE: 3 | VOLT: 208 - 230/460V | ENCL: TEFC | FREQ: 60 Hz | FLA: | LRA:



MODEL NUMBER:
GR3-CI-TF-326TC

REV.	BY	DATE
1		
2		
3		
4		
5		
6		
7		

CHANGES

MATERIAL:
UNITS: INCH | BY: SSEE
DRAWN: 10/1/2018
WWW.TECHTOP.COM

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