



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

**MFG PN** TFC326T50U4B

**List Price** --

All data shown at HIGH voltage setting

Format STD 3 Phase

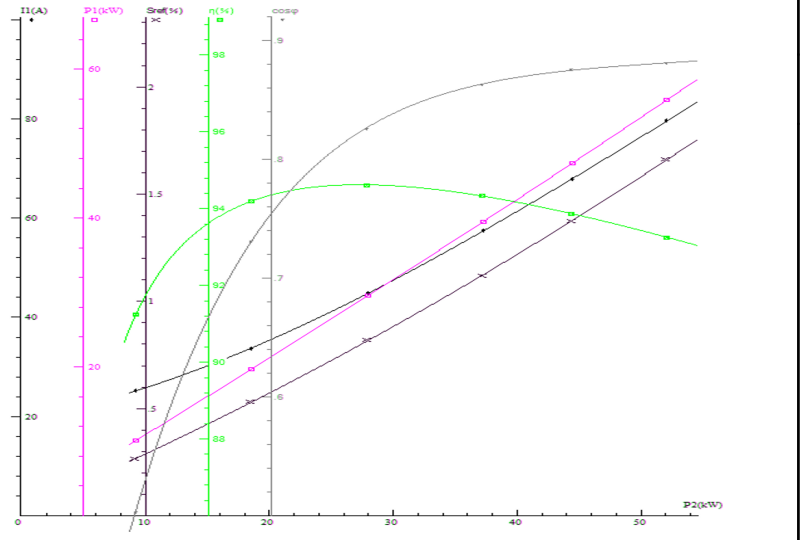
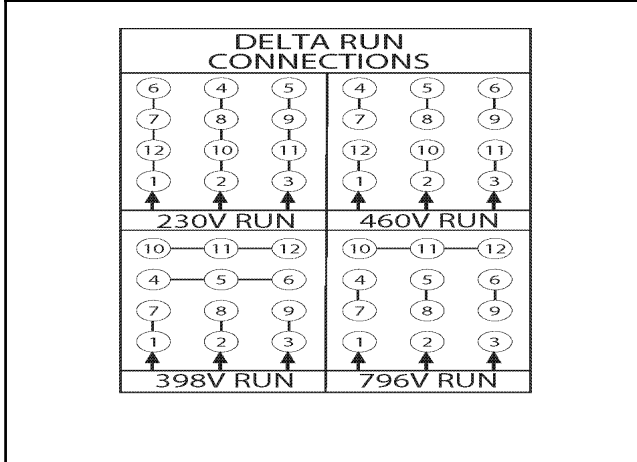
Electrical Data		General Data	
Rated Motor Output Power	50 HP	Frame Size	326
Rated Motor Speed	1780 r/min	Enclosure	TEFC
Rated Motor Voltage (3 Phase)	230 460-60 Volts - HZ	Approximate Weight	576.4
Rated Motor Current	115.2/57.6 Amps	NEMA Design	A
Service Factor	1.25	IP Rating	55
KVA Code	J	Insulation 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	Mechanical Data	
Locked Rotor	-	301	498	Rated Ambient (°C)	40
Breakdown	-	286	-	Rated Altitude (M)	1000
Pull Up	-	203	-	Coating	7024 - Graphite Grey
125% of FL	1776	-	65.61	Shaft Grounding	NO
75% of FL	1785	-	44.85	Brake Voltage (DC)	--
50% of FL	1790	-	34	Brake Torque (N-M)	--
No Load	1794	-	22		

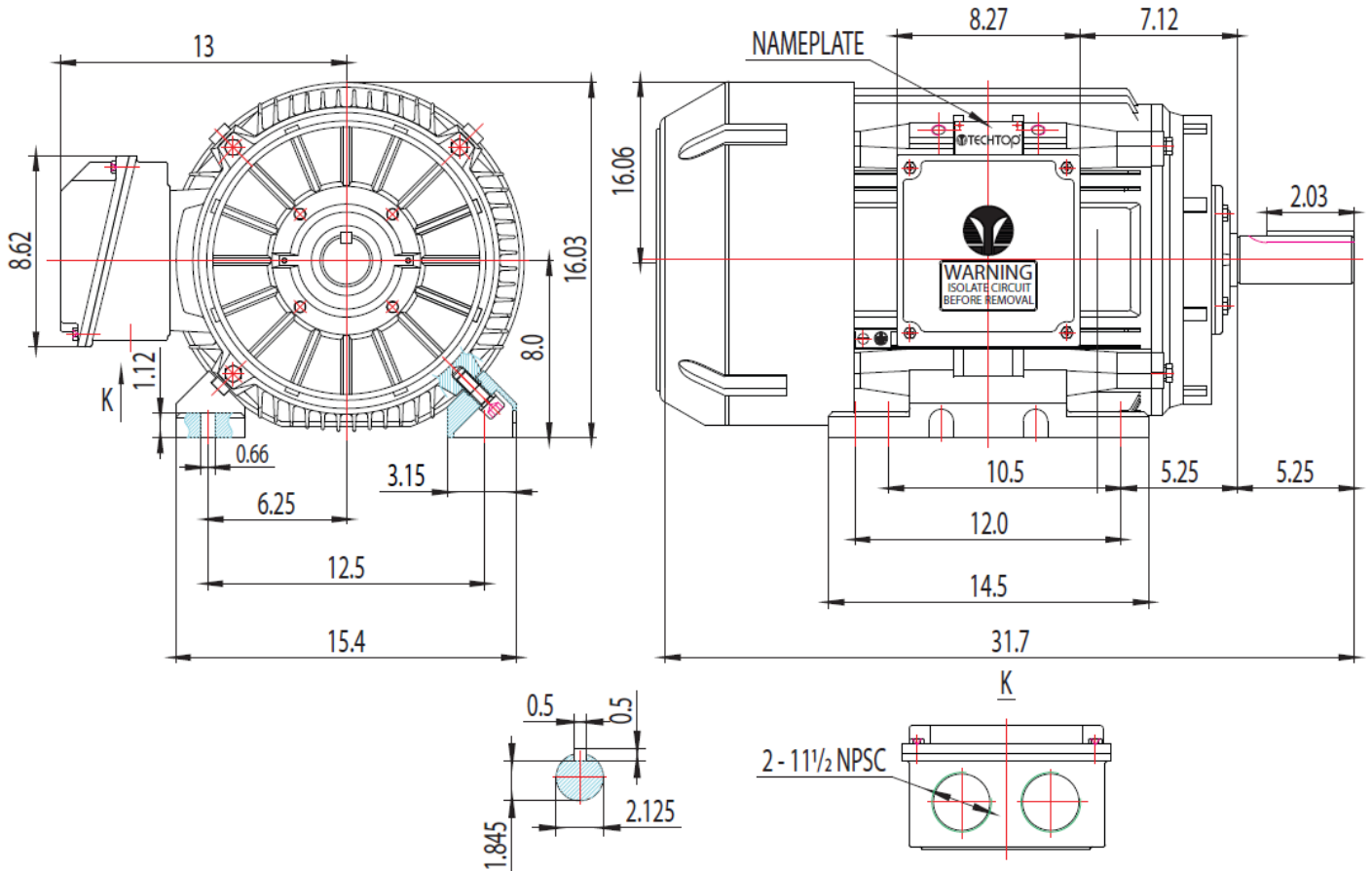
Hazardous Location	Class 1, Div 2, Grp A,B,C,D			Bearing DE Side	6312 C3
				Bearing NDE Side	6312 C3
				Moment of Inertia	-- kg.m2
				Noise Level	Per NEMA dB (A)

CT VFD Range	--	<b>Loaded Torque Curves</b>	
<p><b>P1 = INPUT POWER (KW), S = Slip (% of Sync RPM), η = Efficiency (%), cosφ = Power Factor</b></p>			

Certifications	UL	CSA	DOE
File Numbers	323353	224693	096A
Wiring Diagram	3PH 12 Lead Dual Voltage		



Model Number	GR3-CI-TF-326T-4-BR-D-50-230 460-60
MFG PN	TFC326T50U4B
List Price	--
Base Frame	GR-326T-CI-TF



**TECHTOP**  
 MATERIAL: ALUMINUM  
 UNITS: INCH BY: SSEE  
 DRAWN: 10/17/2018  
 WWW.TECHTOP.COM

MODEL NUMBER:	REV.	BY	DATE
GR3-CI-TF-326T	1		
MFG PN:	2		
	3		
	4		
	5		
	6		
	7		

CHANGES