



Model Number	GR3-CI-TF-215TC-4-B-D-10-230 460-60
MFG PN	TFC215T10U4B
List Price	--

All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data		General Data	
Rated Motor Output Power	10 HP	Frame Size	215
Rated Motor Speed	1750 r/min	Enclosure	TEFC
Rated Motor Voltage (3 Phase)	230 460-60 Volts - HZ	Approximate Weight	192
Rated Motor Current	23.8/11.9 Amps	NEMA Design	BE
Service Factor	1.25	IP Rating	55
KVA Code	J	Insulation Class	F
Nominal Efficiency	91.7 %	Tropicalization	YES
Nominal Power Factor	0.86 cosθ	Duty	Cont.
Full Load Torque Ft-Lb	38.3552 Ft-Lb	Cable Entry	1.25
Temp Rise @ Full Load °C	51.3	Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium	Double Drilled	NO

Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	
Locked Rotor	-	212	93.82	Rated Altitude (M)	1000
Breakdown	-	269	-	Coating	7024 - Graphite Grey
Pull Up	-	101	-	Shaft Grounding	NO
125% of FL	1779	-	14.87	Brake Voltage (DC)	
75% of FL	1767	-	8.94	Brake Torque (N-M)	
50% of FL	1779	-	6.48	Mechanical Data	
No Load	1795	-	3.67	Bearing DE Side	6308 ZZ

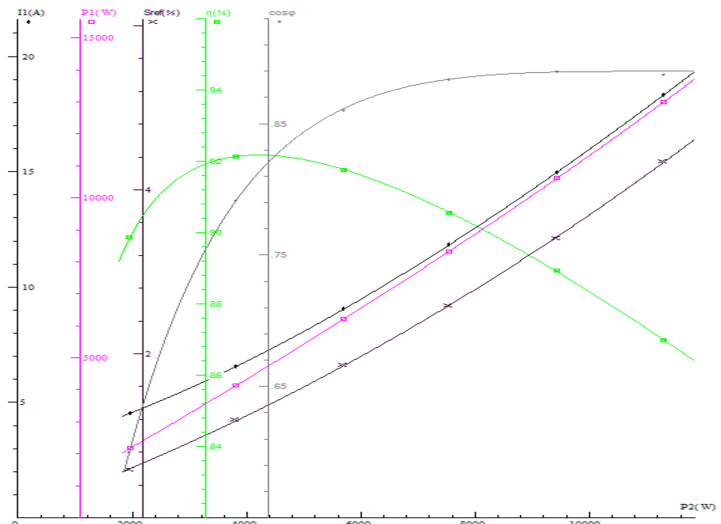
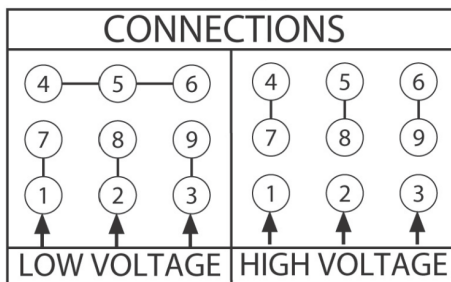
Hazardous Location	Class 1, Div 2, Grp A,B,C,D		Bearing NDE Side	6308 ZZ
			Moment of Inertia	kg.m2
			Noise Level	Per NEMA dB (A)

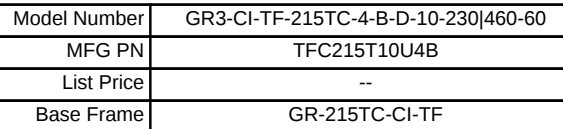
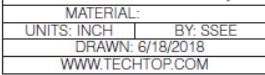
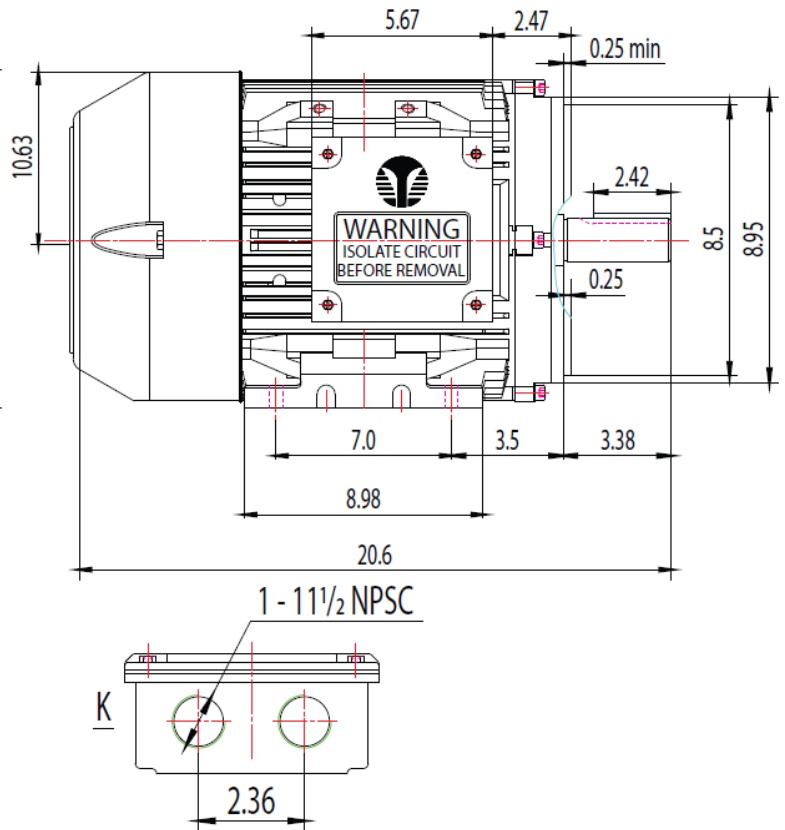
CT VFD Range		--	Loaded Torque Curves	
			P1 = INPUT POWER (KW), S = Slip (% of Sync RPM), η = Efficiency (%), cosφ = Power Factor	

Certifications	UL	CSA	DOE
File Numbers	323353	224693	096A

Wiring Diagram	3PH 9 Lead Dual Voltage
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3 Phase - YY/Y - 9 Lead
 4,1 Blue / 5,2 White / 6,3 Org / 7 Yl / 8 Blk / 9 RD
 Cast Iron- 1,2,3 Top - 4,5,6,7,8,9 Bottom
 Aluminum - 4,5,6,8,9 Top - 1,2,3,7 Bottom



[illegible]

MODEL NUMBER:	REV.	BY	DATE	CHANGES
GR3-CI-TF-215TC	1			
	2			
MFG PN:	3			
	4			
	5			
	6			
	7			

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