



<b>Model Number:</b>	GR3-CI-TF-213TC-6-B-D-3
<b>MFG PN:</b>	1034
<b>List Price:</b>	

All data shown at HIGH voltage setting

Format: STD 3 Phase

Electrical Data				General Data			
Rated Motor Output Power	3.0	HP		Frame Size	213TC		
Rated Motor Speed	1170	r/min 60Hz		Enclosure	TEFC		
	955	r/min 50Hz		Mounting	Rigid/C-Flange		
Rated Motor Voltage (3 Phase)	230/460	V/60Hz		NEMA Design	A		
	190/380	V/50Hz		IP Rating	55		
Rated Motor Current	8.84/4.42	A (In) @ 60Hz		Insulation Class	F		
	11/5.5	A (In) @ 50Hz		Tropicalization	1		
FL Current @ 208V	None	A (In) @ 60Hz		Duty	Cont. / S1		
Service Factor	1.25	@ 60Hz		Cable Entry	1-NPT 1"		
	1.25	@ 50Hz		Feet Removable	1		
KVA Code	L	60Hz		Double Drilled	0		
	K	50Hz		Frame Material	Cast Iron		
Nominal Efficiency	89.5	% @ 60Hz		Shaft Material	None		
	85.5	% @ 50Hz		Coating	RAL	7024	
Nominal Power Factor	0.74	cos $\phi$ @ 60Hz					
Full Load Torque Ft-Lb	S			Mechanical Data			
Load Data	Trq Ft-Lb	Trq %FL	Current Amps	Bearing DE Side	6308ZZ		
Locked Rotor				Bearing NDE Side	6308ZZ		
Breakdown	37.38	278.0	-	Comp Ring (wavey washer)	None		
Pull Up	17.216	128.0	-	Weight	147.735	Lbs	
Load Data	RPM	Eff %	Current Amps	Moment of Inertia	None	kg.m3	
125% of FL	3496.3	86.1	4.39	Site Conditions			
75% of FL	3541.2	86.43	2.79	Temp Rise @ Full Load °C	B	@ 60Hz	
50% of FL	3561.2	84.23	2.13	Ambient Temperature °C	40		
No Load	1199.0	0	2.22	Altitude Above Sea Level (M)	1000		
Brake Torque (N-M)	100.0		Loaded Torque Curves		None		
Brake Coil Voltage	None		P1 = Output Power (KW), S = Slip (% of Sync RPM), $\eta$ = Efficiency (%), cos $\phi$ = Power Factor				

<b>CT VFD Range</b>	
Haz Loc Rating	
Options:	
<b>UL File Number</b>	
<b>CSA File Number</b>	
<b>DOE File Number</b>	
<b>CE APPROVAL</b>	
<b>Wiring Diagram</b>	<b>NEMA-3-9-YY-Y</b>
<b>3 Phase - YY/Y - 9 Lead</b>	
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	
<b>CONNECTIONS</b>	
<div style="display: flex; justify-content: space-around;"> <span>LOW VOLTAGE</span> <span>HIGH VOLTAGE</span> </div>	

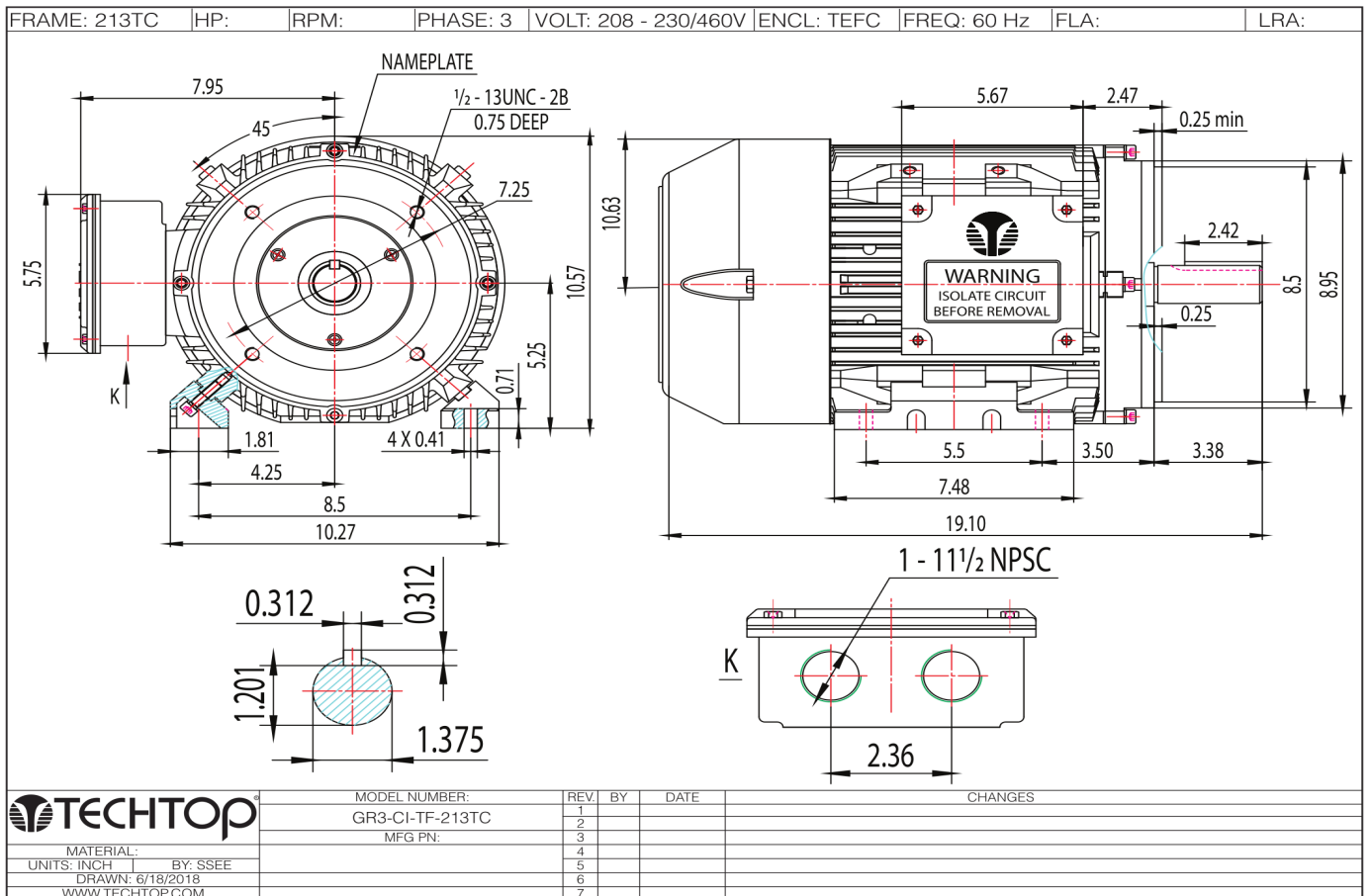
Techtop Industries -2815 Colonnades Court - Peachtree Corners, GA 30071 - Phone: (678) 436-5540



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Dimensional Drawing (For Reference Only)

GR3-CI-TF-213TC-CFC-2D



**Components**

Item	Model	Description	List Price
C-Face Kit			

D-Flange Kit			
DE Endplate Kit			
NDE Endplate Kit			
Junction Box			
Cooling Fan Cover			
Cooling Fan			
Replacement Feet			
DE Bearing Retainer Kit			
NDE Bearing Retainer Kit			

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