



Model Number:	GR3-CI-TF-254TC-4-BR-D-15
MFG PN:	1832
List Price:	

All data shown at HIGH voltage setting

Format: STD 3 Phase

Electrical Data				General Data		
Rated Motor Output Power	15.0	HP		Frame Size	254TC	
Rated Motor Speed	1760	r/min 60Hz		Enclosure	TEFC	
	1450	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	36.19/18.1	A (In) @ 60Hz		Insulation Class	F	
	45.2/22.6	A (In) @ 50Hz		Tropicalization	1	
FL Current @ 208V	None	A (In) @ 60Hz		Duty	Cont. / S1	
Service Factor	1.25	@ 60Hz		Cable Entry	1-NPT 1-1/4"	
	1.25	@ 50Hz		Feet Removable	1	
KVA Code	K	60Hz		Double Drilled	0	
	F	50Hz		Frame Material	Cast Iron	
Nominal Efficiency	92.4	% @ 60Hz		Shaft Material	None	
	88.0	% @ 50Hz		Coating	RAL	7024
Nominal Power Factor	0.81	cos θ @ 60Hz				
Full Load Torque Ft-Lb	S			Mechanical Data		
Load Data	Trq Ft-Lb	Trq %FL	Current Amps	Bearing DE Side	6309C3	
Locked Rotor				Bearing NDE Side	6309C3	
Breakdown	173.7452291	387.0	-	Comp Ring (wavey washer)	None	
Pull Up	109.9937497	245.0	-	Weight	278.9325	Lbs
Load Data	RPM	Eff %	Current Amps	Moment of Inertia	None	kg.m3
125% of FL	1769.4	92.25	22.25	Site Conditions		
75% of FL	1782.5	92.52	14.7	Temp Rise @ Full Load °C	B	@ 60Hz
50% of FL	1788.5	91.29	11.62	Ambient Temperature °C	40	
No Load	1199.0	0	8.37	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), η = Efficiency (%), cosϕ = Power Factor				

CT VFD Range	
Haz Loc Rating	
Options:	
UL File Number	
CSA File Number	
DOE File Number	
CE APPROVAL	
Wiring Diagram	NEMA-3-12-DD-D

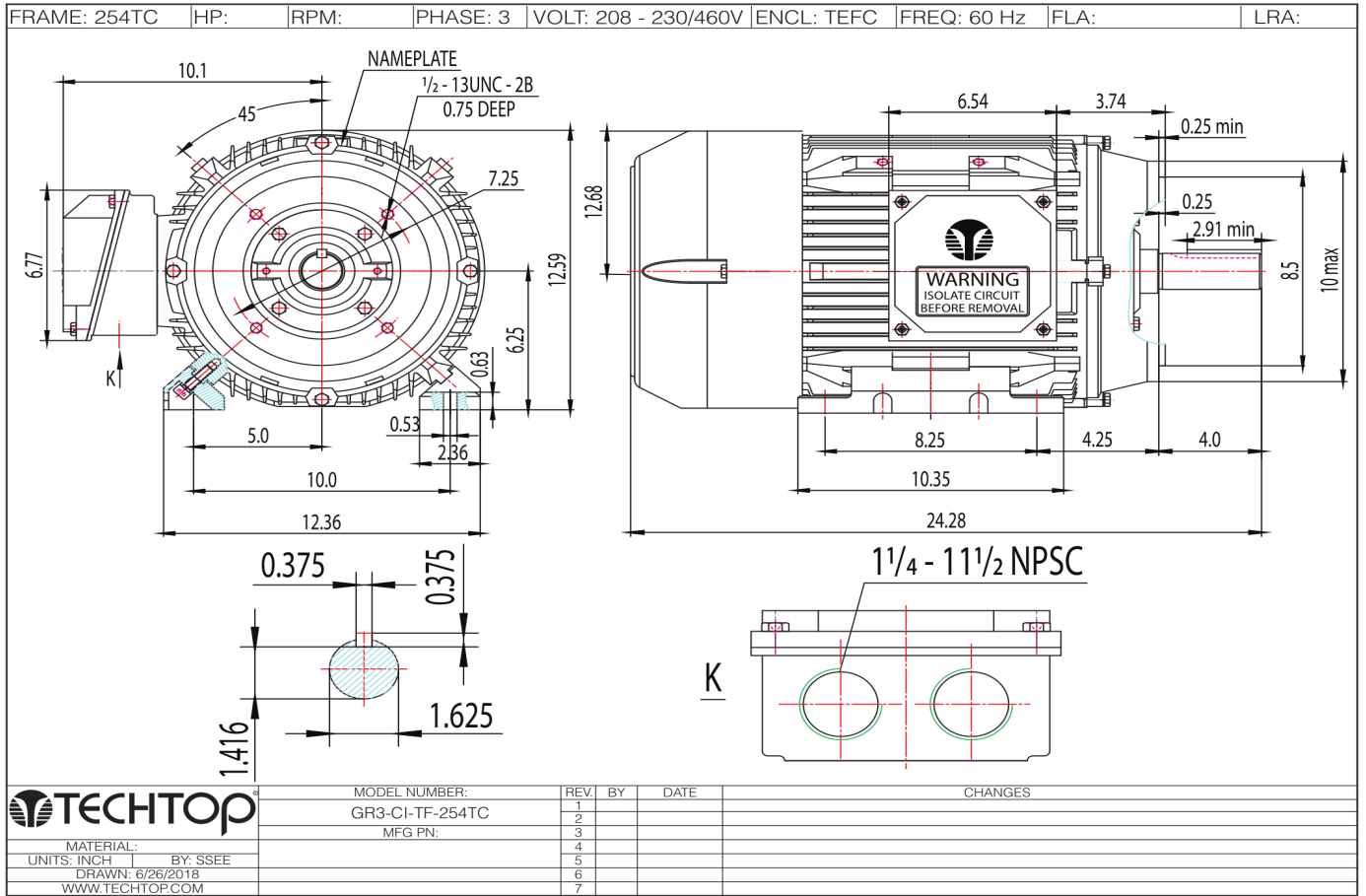
Techtop Industries -2815 Colonnades Court - Peachtree Corners, GA 30071 - Phone: (678) 436-5540



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Dimensional Drawing (For Reference Only)

GR3-CI-TF-254TC-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			

