



<b>Model Number:</b>	GR3-CI-TF-256T-6-BR-D-10
<b>MFG PN:</b>	1900
<b>List Price:</b>	

All data shown at HIGH voltage setting

Format: STD 3 Phase

Electrical Data				General Data			
Rated Motor Output Power	10.0	HP		Frame Size	256T		
Rated Motor Speed	1170	r/min 60Hz		Enclosure	TEFC		
	960	r/min 50Hz		Mounting	Rigid		
Rated Motor Voltage (3 Phase)	230/460	V/60Hz		NEMA Design	A		
	190/380	V/50Hz		IP Rating	55		
Rated Motor Current	26.73/13.36	A (In) @ 60Hz		Insulation Class	F		
	34/17	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	J	60Hz		Double Drilled	1		
	H	50Hz		Frame Material	Cast Iron		
Nominal Efficiency	91.0	% @ 60Hz		Shaft Material	None		
	87.5	% @ 50Hz		Coating	RAL	7024	
Nominal Power Factor	0.76	cos $\phi$ @ 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	145.3416369	324.0	-	Comp Ring (wavey washer)	DE		
Pull Up	51.13872411	114.0	-	Weight	277.83	Lbs	
Load Data	RPM	Eff %	Current Amps	Moment of Inertia	None	kg.m3	
125% of FL	1175.1	89.75	16.84	Site Conditions			
75% of FL	1186.1	90.84	11.55	Temp Rise @ Full Load °C	B	@ 60Hz	
50% of FL	1191.0	89.88	9.57	Ambient Temperature °C	40		
No Load	1199.0	0	7.69	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-3-12-DD-D</b>

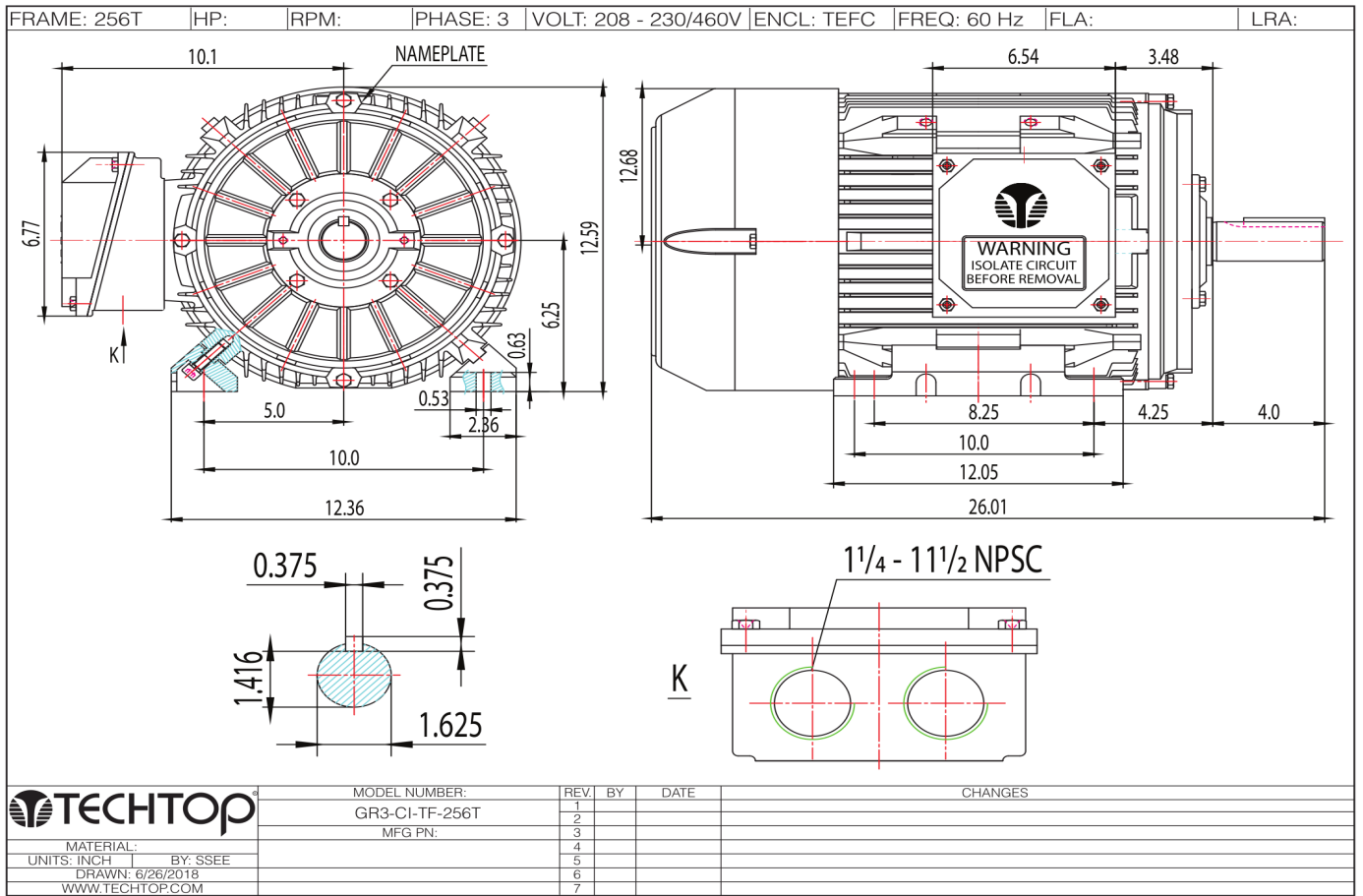
Techtop Industries -2815 Colonnades Court - Peachtree Corners, GA 30071 - Phone: (678) 436-5540



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Dimensional Drawing (For Reference Only)

GR3-CI-TF-256T-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			

