



<b>Model Number:</b>	GR3-CI-TF-447T-4-RR-E-200
<b>MFG PN:</b>	18559
<b>List Price:</b>	

All data shown at HIGH voltage setting

Format: STD 3 Phase

Electrical Data				General Data			
Rated Motor Output Power	200.0	HP		Frame Size	447T		
Rated Motor Speed	1787	r/min 60Hz		Enclosure	TEFC		
	2960	r/min 50Hz		Mounting	Rigid		
Rated Motor Voltage (3 Phase)	460	V/60Hz		NEMA Design	B		
	380	V/50Hz		IP Rating	55		
Rated Motor Current	217.8	A (In) @ 60Hz		Insulation Class	F		
	269	A (In) @ 50Hz		Tropicalization	1		
FL Current @ 208V	None	A (In) @ 60Hz		Duty	Cont. / S1		
Service Factor	1.15	@ 60Hz		Cable Entry	2-NPT 3"		
	1.15	@ 50Hz		Feet Removable	0		
KVA Code	G	60Hz		Double Drilled	1		
	D	50Hz		Frame Material	Cast Iron		
Nominal Efficiency	96.2	% @ 60Hz		Shaft Material	None		
	94.0	% @ 50Hz		Coating	RAL	7024	
Nominal Power Factor	0.9012	cos $\theta$ @ 60Hz					
Full Load Torque Ft-Lb	S			Mechanical Data			
Load Data	Trq Ft-Lb	Trq %FL	Current Amps	Bearing DE Side	NU319		
Locked Rotor				Bearing NDE Side	6319C3		
Breakdown	1151.240809	195.0	-	Comp Ring (wavey washer)	DE		
Pull Up	655.3216912	111.0	-	Weight	1858.815	Lbs	
Load Data	RPM	Eff %	Current Amps	Moment of Inertia	None	kg.m3	
125% of FL	1789.4	95.342	275.25	Site Conditions			
75% of FL	1790.8	96.294	116.83	Temp Rise @ Full Load °C	B	@ 60Hz	
50% of FL	1794.0	96.239	116.02	Ambient Temperature °C	40		
No Load	1199.0	0	51.04	Altitude Above Sea Level (M)	1000		
Brake Torque (N-M)	100.0	<b>Loaded Torque Curves</b>		None			
Brake Coil Voltage	None	<b>P1 = Output Power (KW), S = Slip (% of Sync RPM), <math>\eta</math> = Efficiency (%), cos<math>\phi</math> = Power Factor</b>					

<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-3-6-D</b>	

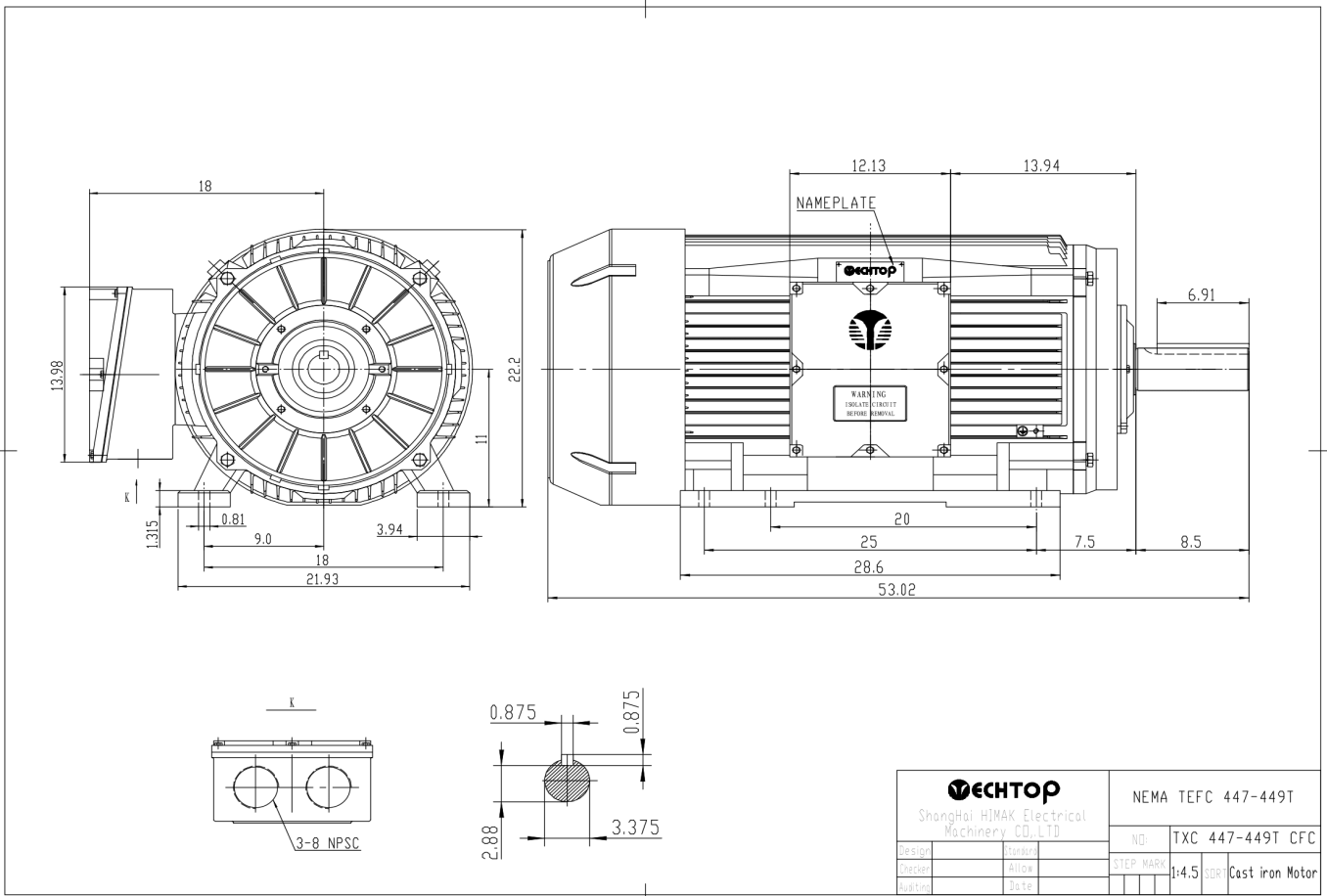
Techtop Industries -2815 Colonnades Court - Peachtree Corners, GA 30071 - Phone: (678) 436-5540



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Dimensional Drawing (For Reference Only)

GR3-CI-TF-447(9)T-CFC-2D



<b>TECHTOP</b>		NEMA TEFC 447-449T	
Shanghai HIMAK Electrical Machinery CO.,LTD		NO:	TXC 447-449T CFC
Design	Drawn	STEP MARK	1:4.5 SDR
Checked	Allow	Date	Cast iron Motor

**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			

