



Model Number:	GR3-CI-TF-447T-6-RR-E-150
MFG PN:	17273
List Price:	

All data shown at HIGH voltage setting Format: STD 3 Phase

Electrical Data				General Data			
Rated Motor Output Power	150.0	HP		Frame Size	447T		
Rated Motor Speed	1180	r/min 60Hz		Enclosure	TEFC		
	980	r/min 50Hz		Mounting	Rigid		
Rated Motor Voltage (3 Phase)	460	V/60Hz		NEMA Design	A		
	380	V/50Hz		IP Rating	55		
Rated Motor Current	170.4698846	A (In) @ 60Hz		Insulation Class	F		
	205	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	H	60Hz		Double Drilled	1		
	E	50Hz		Frame Material	Cast Iron		
Nominal Efficiency	95.8	% @ 60Hz		Shaft Material	None		
	94.0	% @ 50Hz		Coating	RAL	7024	
Nominal Power Factor	0.87	cos ϕ @ 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	2547.215136	334.0	-	Comp Ring (wavey washer)		NDE	
Pull Up	1677.806377	220.0	-	Weight		2041.83	Lbs
Load Data	RPM	Eff %	Current Amps	Moment of Inertia		None	kg.m3
125% of FL	1189.2	94.85	252.72	Site Conditions			
75% of FL	1193.9	95.08	162.53	Temp Rise @ Full Load °C		B	@ 60Hz
50% of FL	1196.0	94.27	125.58	Ambient Temperature °C		40	
No Load	1199.0	0	84.78	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 (%), cos ϕ = Power Factor				

CT VFD Range		
Haz Loc Rating		
Options:		
UL File Number		
CSA File Number		
DOE File Number		
CE APPROVAL		
Wiring Diagram	NEMA-3-6-D	

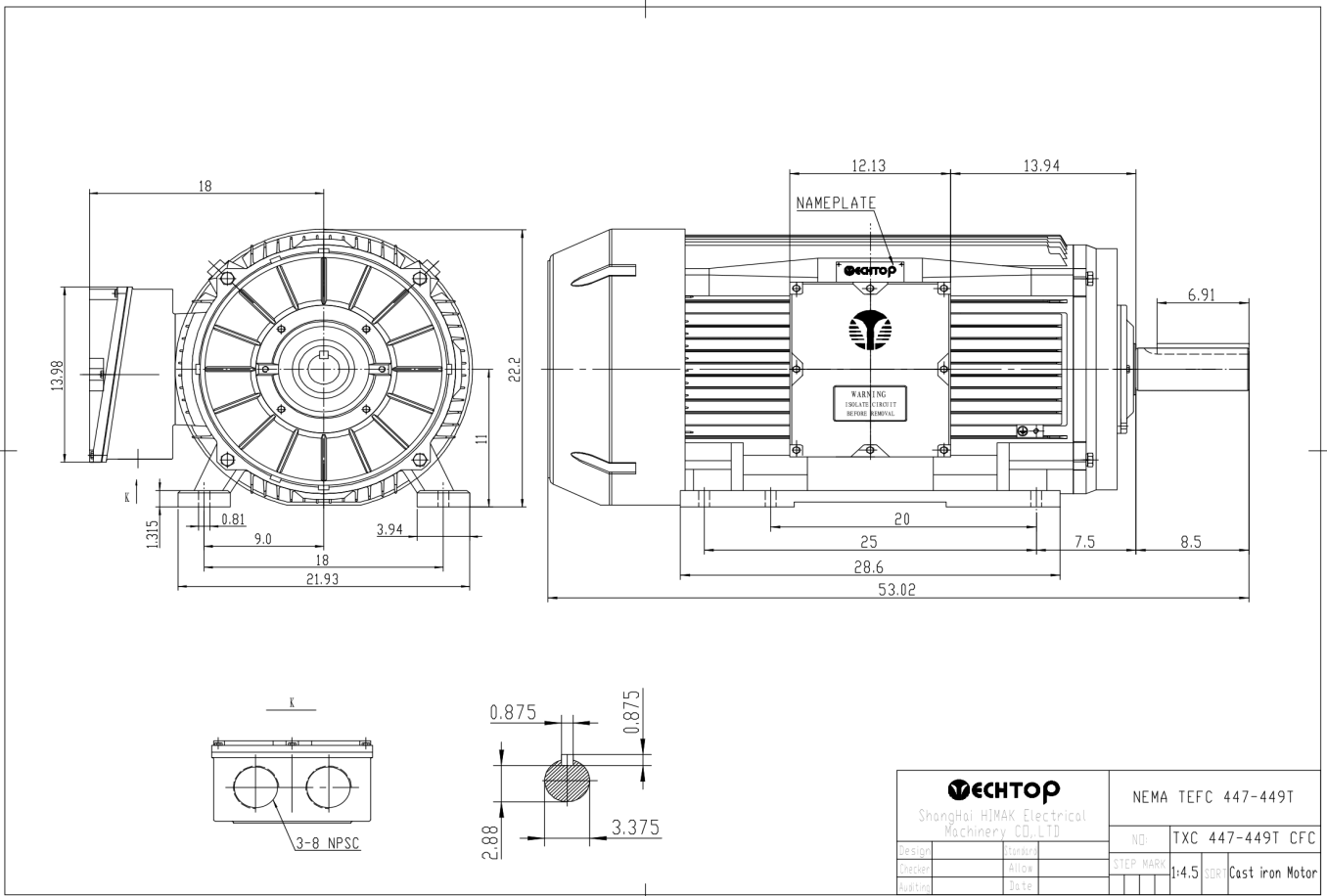
Techtop Industries -2815 Colonnades Court - Peachtree Corners, GA 30071 - Phone: (678) 436-5540



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Dimensional Drawing (For Reference Only)

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



TECHTOP		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			

