



Model Number:	PC3-CI-TF-284T-4-BR-B-25
MFG PN:	1972
List Price:	

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

Electrical Data				General Data		
Rated Motor Output Power	25.0	HP		Frame Size	284T	
Rated Motor Speed	1770	r/min 60Hz		Enclosure	TEFC	
	1441	r/min 50Hz		Mounting	Rigid	
Rated Motor Voltage (3 Phase)	230	V/60Hz		NEMA Design	A	
	-	V/50Hz		IP Rating	55	
Rated Motor Current	58.84	A (In) @ 60Hz		Insulation Class	F	
	7.1/3.6	A (In) @ 50Hz		Tropicalization	1	
FL Current @ 208V	None	A (In) @ 60Hz		Duty	Cont. / S1	
Service Factor	1.25	@ 60Hz		Cable Entry	1-NPT 1-1/2"	
	1.25	@ 50Hz		Feet Removable	1	
KVA Code	K	60Hz		Double Drilled	0	
	-	50Hz		Frame Material	Cast Iron	
Nominal Efficiency	93.6	% @ 60Hz		Shaft Material	None	
	92.5	% @ 50Hz		Coating	RAL	7024
Nominal Power Factor	0.85	cos $\phi$ @ 60Hz				
Full Load Torque Ft-Lb	S			Mechanical Data		
Load Data	Trq Ft-Lb	Trq %FL	Current Amps	Bearing DE Side	6311C3	
Locked Rotor				Bearing NDE Side	6311C3	
Breakdown	259.1793393	350.0	-	Comp Ring (wavey washer)	DE	
Pull Up	152.545554	206.0	-	Weight	366.03	Lbs
Load Data	RPM	Eff %	Current Amps	Moment of Inertia	None	kg.m3
125% of FL	1769.2	92.77	35.08	Site Conditions		
75% of FL	1782.5	92.84	22.92	Temp Rise @ Full Load °C	B	@ 60Hz
50% of FL	1788.3	91.59	17.43	Ambient Temperature °C	40	
No Load	1199.0	0	11.63	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-3-6-D</b>	

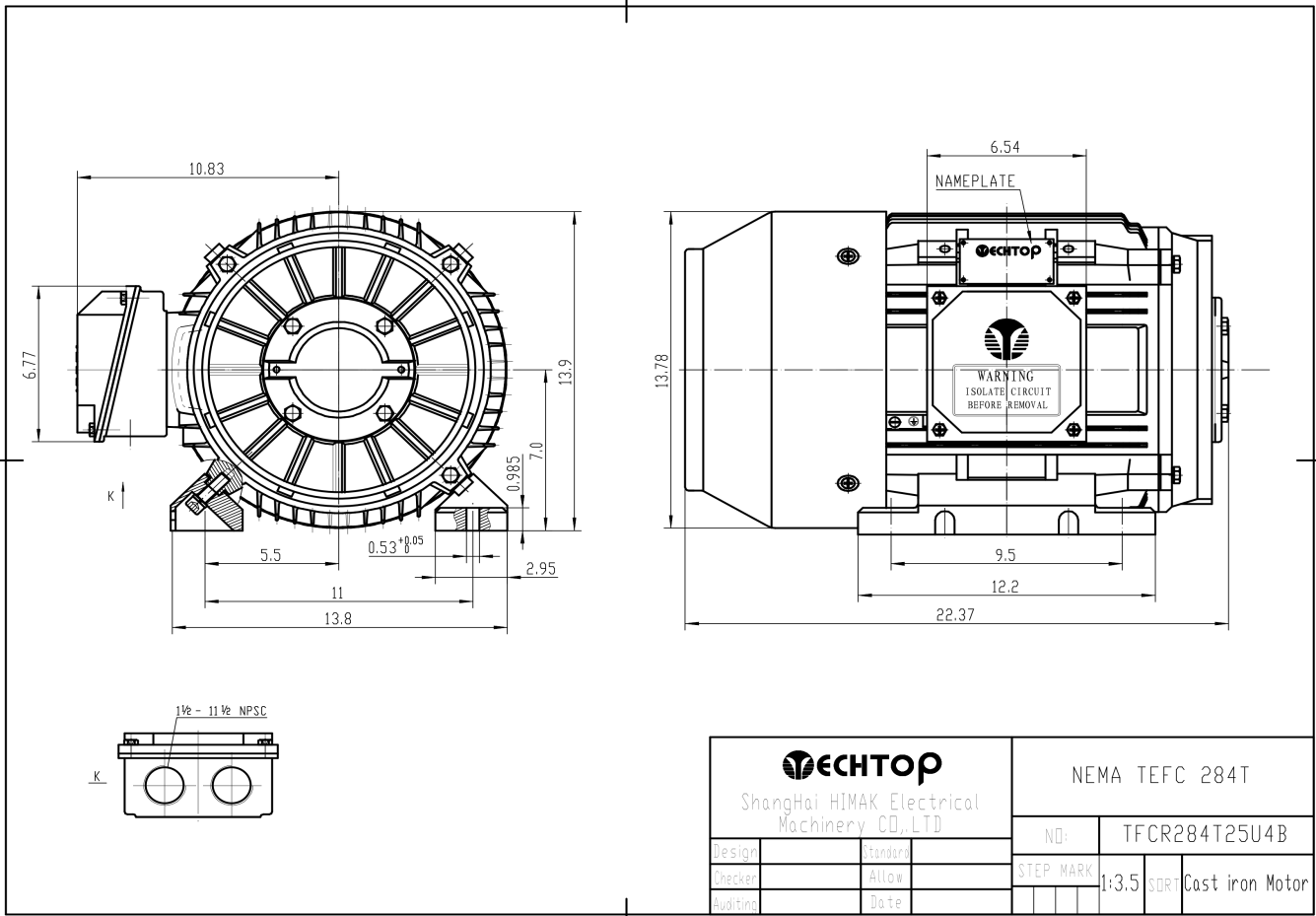
Techtop Industries -2815 Colonnades Court - Peachtree Corners, GA 30071 - Phone: (678) 436-5540



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Dimensional Drawing (For Reference Only)

PC3-CI-TF-284T-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			

