



Model Number: GR3-CI-TF-365TS-2-BR-D-75

MFG PN: 6685

List Price:

All data shown at HIGH voltage setting

Format: STD 3 Phase

Electrical Data				General Data			
Rated Motor Output Power	75.0	HP		Frame Size	365TS		
Rated Motor Speed	3560	r/min 60Hz		Enclosure	TEFC		
	2940	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	166.72/83.36	A (In) @ 60Hz		Insulation Class	F		
	203/101.5	A (In) @ 50Hz		Tropicalization	1		
FL Current @ 208V	None	A (In) @ 60Hz		Duty	Cont. / S1		
Service Factor	1.15	@ 60Hz		Cable Entry	1-NPT 2"		
	1.15	@ 50Hz		Feet Removable	0		
KVA Code	K	60Hz		Double Drilled	1		
	F	50Hz		Frame Material	Cast Iron		
Nominal Efficiency	93.6	% @ 60Hz		Shaft Material	None		
	91.2	% @ 50Hz		Coating	RAL	7024	
Nominal Power Factor	0.9	cos ϕ @ 60Hz					
Full Load Torque Ft-Lb	S			Mechanical Data			
Load Data	Trq Ft-Lb	Trq %FL	Current Amps	Bearing DE Side	6313C3		
Locked Rotor				Bearing NDE Side	6313C3		
Breakdown	409.3646943	373.0	-	Comp Ring (wavey washer)	DE		
Pull Up	210.7185558	192.0	-	Weight	784.98	Lbs	
Load Data	RPM	Eff %	Current Amps	Moment of Inertia	None	kg.m3	
125% of FL	3565.1	93.66	102.35	Site Conditions			
75% of FL	3579.8	93.68	63.16	Temp Rise @ Full Load °C	B	@ 60Hz	
50% of FL	3586.7	92.53	45.56	Ambient Temperature °C	40		
No Load	1199.0	0	21.47	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-3-12-DD-D	

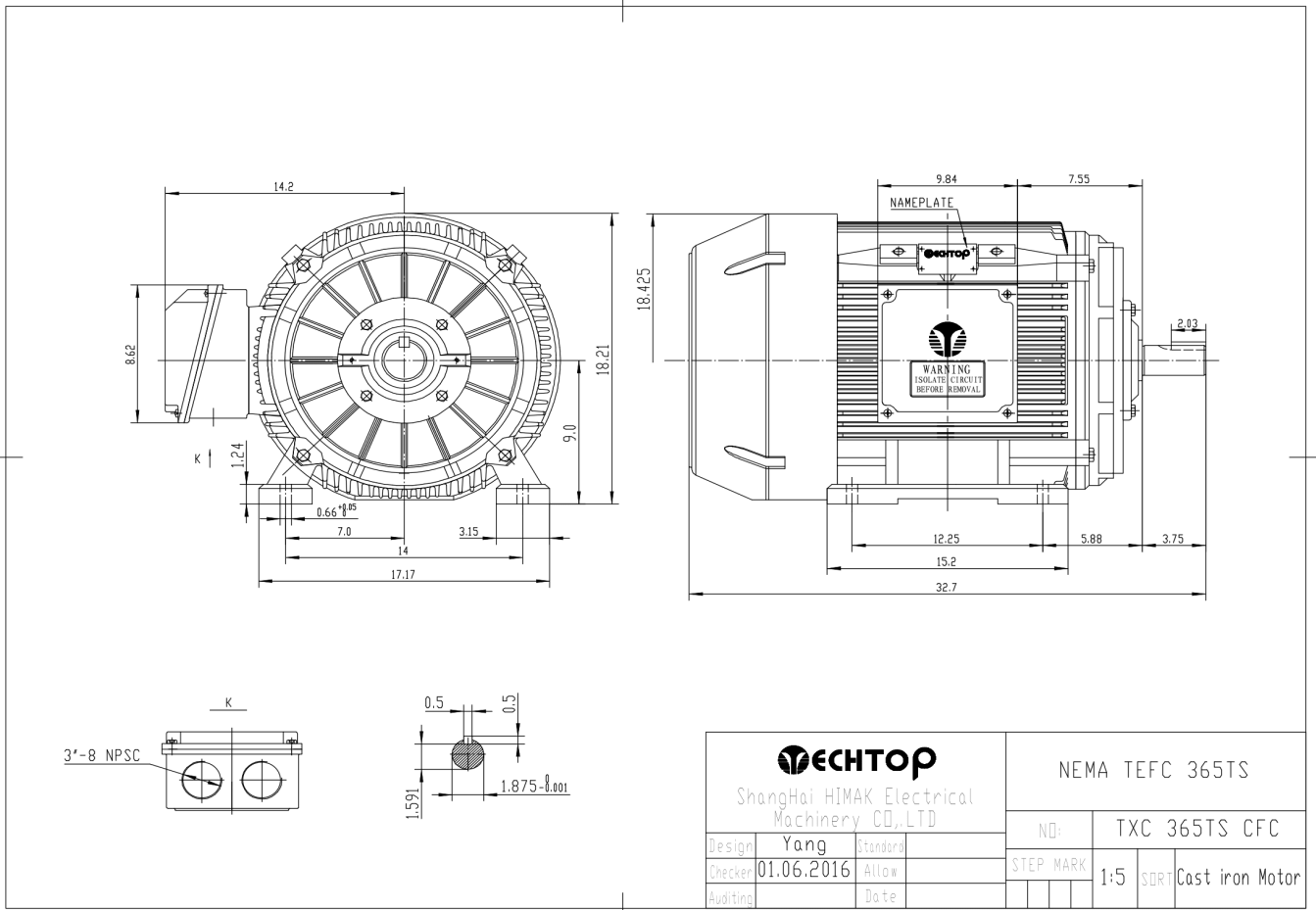
Techtop Industries -2815 Colonnades Court - Peachtree Corners, GA 30071 - Phone: (678) 436-5540



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Dimensional Drawing (For Reference Only)

GR3-CI-TF-365TS-CFC-2D



TECHTOP		NEMA TEFC 365TS	
ShangHai HIMAK Electrical Machinery CO.,LTD		NO:	TXC 365TS CFC
Design	Yang	Standard	
Checker	01.06.2016	Allow	
Auditing		Date	
		STEP MARK	1:5 SDPT 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			

