



Model Number GR3-CI-TF-444TS-2-BR-E-125-460-60

MFG PN T444TS125U2B

List Price --

All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data		General Data	
Rated Motor Output Power	125 HP	Frame Size	444
Rated Motor Speed	3570 r/min	Enclosure	TEFC
Rated Motor Voltage (3 Phase)	460-60 Volts - HZ	Approximate Weight	1434.4
Rated Motor Current	268/134 Amps	NEMA Design	A
Service Factor	1.15	IP Rating	55
KVA Code	K	Insulation Class	F
Nominal Efficiency	95 %	Tropicalization	YES
Nominal Power Factor	0.92 cosθ	Duty	Cont.
Full Load Torque Ft-Lb	183.14608 Ft-Lb	Cable Entry	1.25
Temp Rise @ Full Load °C	69.3	Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium	Double Drilled	NO

Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	
Locked Rotor	-	267	1244	40	
Breakdown	-	291	-	Rated Altitude (M)	
Pull Up	-	86	-	1000	
125% of FL	3567	-	166.16	Coating	
75% of FL	3581	-	100.74	7024 - Graphite Grey	
50% of FL	3589	-	70.93	Shaft Grounding	
No Load	3586	-	28.31	NO	
				Mechanical Data	
				Bearing DE Side	6316 C3
				Bearing NDE Side	6316 C3
				Moment of Inertia	-- kg.m2
				Noise Level	Per NEMA dB (A)

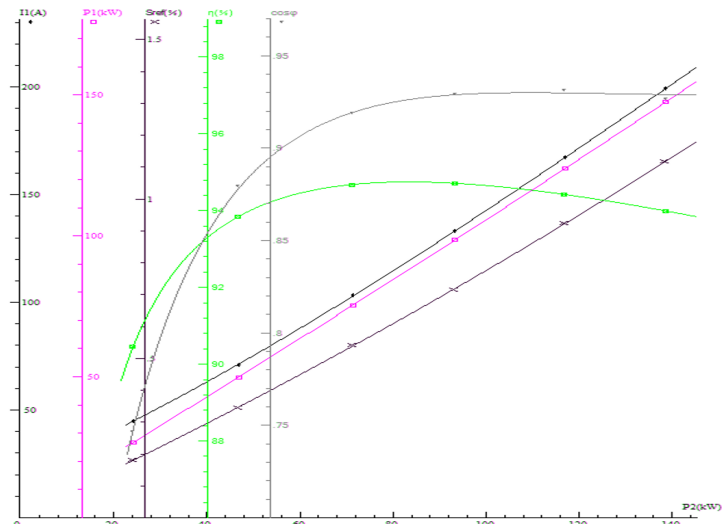
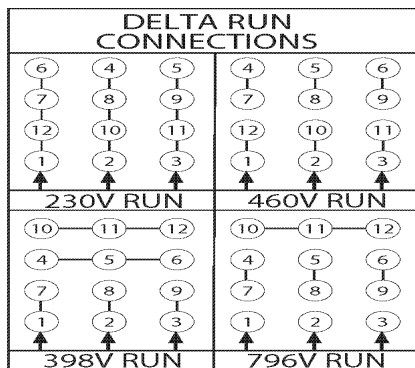
Hazardous Location	Class 1, Div 2, Grp A,B,C,D				
--------------------	-----------------------------	--	--	--	--

CT VFD Range		--	Loaded Torque Curves	
			P1 = INPUT POWER (KW), S = Slip (% of Sync RPM), η = Efficiency (%), cosφ = Power Factor	

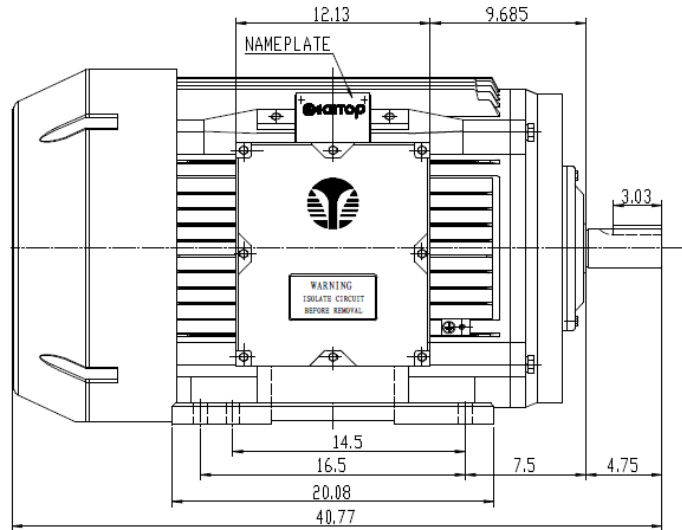
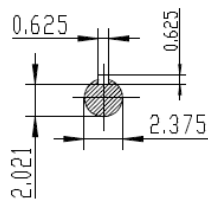
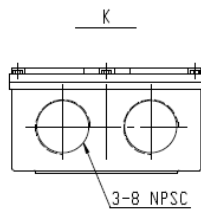
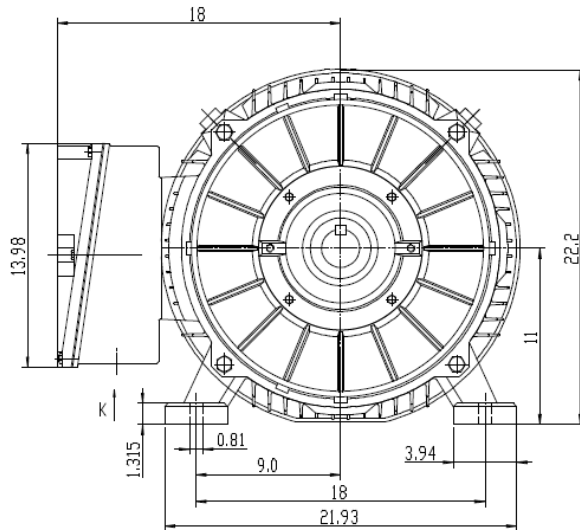
Certifications	UL	CSA	DOE
----------------	----	-----	-----

File Numbers	323353	224693	096A
--------------	--------	--------	------

Wiring Diagram	3PH 12 Lead Dual Voltage
----------------	--------------------------



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



 Shanghai HIMAK Electrical Machinery CO., LTD		NEMA TEFC 444-445TS	
Design	Standard	NO.	TXC 444-445TS CFC
Checker	Allow	STEP MARK	1:4 SDR
Auditing	Date		Cast iron Motor