



Model Number GR3-CI-TF-445T-4-RR-E-150-460-60

MFG PN T445T 150U4B

List Price --

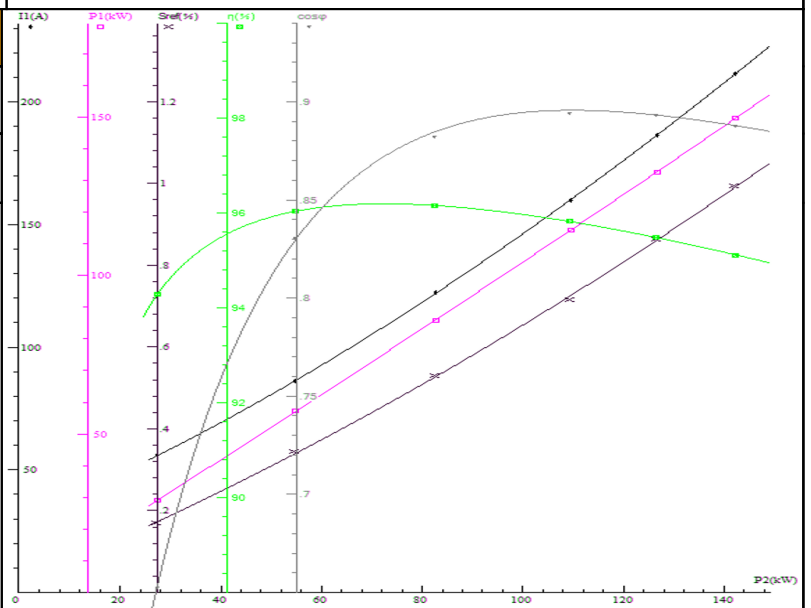
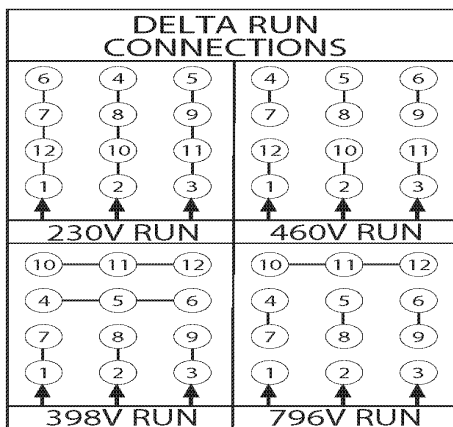
All data shown at HIGH voltage setting

Format STD 3 Phase

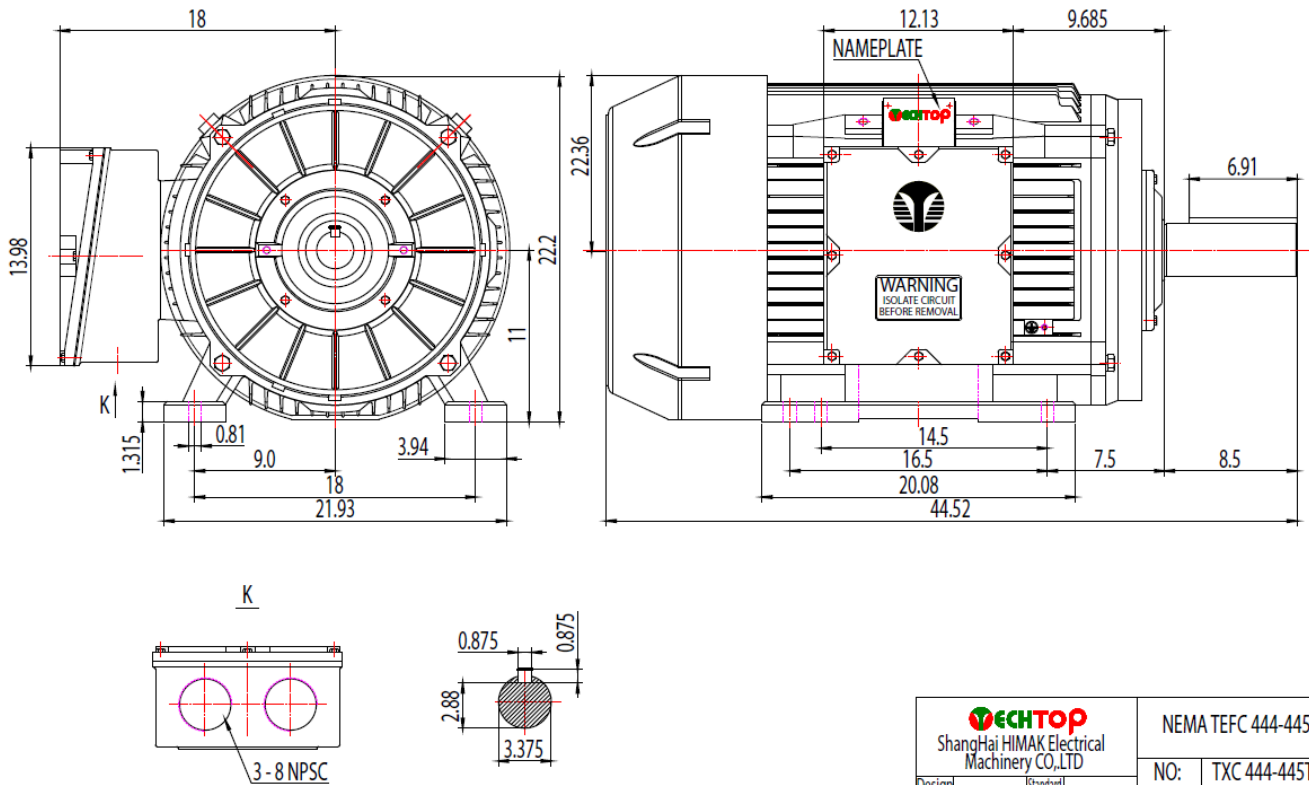
Electrical Data				General Data	
Rated Motor Output Power	150 HP			Frame Size	445
Rated Motor Speed	1785 r/min			Enclosure	TEFC
Rated Motor Voltage (3 Phase)	460-60 Volts - HZ			Approximate Weight	1685
Rated Motor Current	165 Amps			NEMA Design	BE
Service Factor	1.15			IP Rating	55
KVA Code	K			Insulation Class	F
Nominal Efficiency	95.8 %			Tropicalization	YES
Nominal Power Factor	0.89 cosθ			Duty	Cont.
Full Load Torque Ft-Lb	441.96992 Ft-Lb			Cable Entry	1.25
Temp Rise @ Full Load °C	71.7			Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium			Double Drilled	NO
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	310	1544	Rated Altitude (M)	1000
Breakdown	-	371	-	Coating	7024 - Graphite Grey
Pull Up	-	426	-	Shaft Grounding	NO
125% of FL	1784	-	203.29	Brake Voltage (DC)	
75% of FL	1791	-	125.83	Brake Torque (N-M)	
50% of FL	1794	-	91.81	Mechanical Data	
No Load		-	49.19	Bearing DE Side	NU319 C3
Hazardous Location	Class 1, Div 2, Grp A,B,C,D			Bearing NDE Side	6319 C3
				Moment of Inertia	kg.m2
				Noise Level	Per NEMA dB (A)

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 444-445T	
Design	Standard	NO:	TXC 444-445T CFC
Checker	Allow	STEP MARK	1:4
Auditing	Date		500T Cast iron Motor