



Model Number GR3-CI-TF-445TS-4-BR-E-150-460-60

MFG PN T445TS150U4B

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	1560
Rated Motor Current	330/165 Amps	NEMA Design	A
Service Factor	1.15	IP Rating	55
KVA Code	H	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

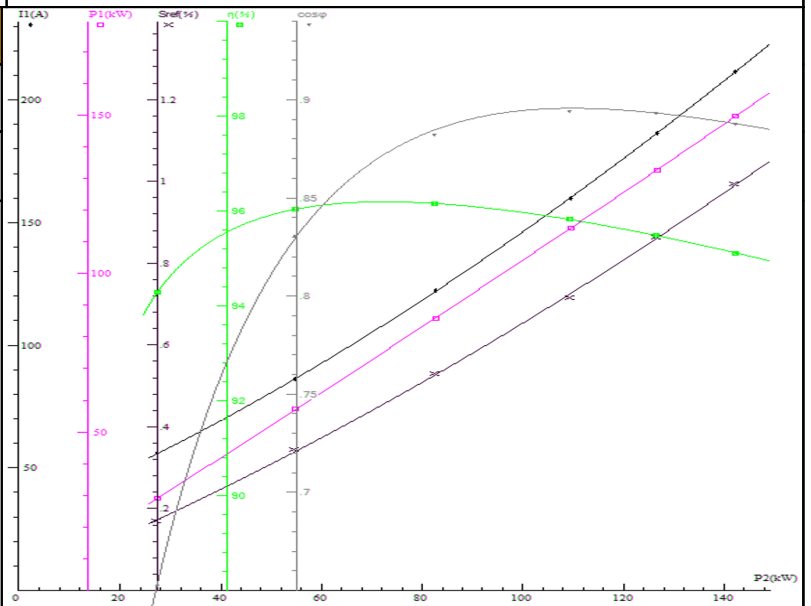
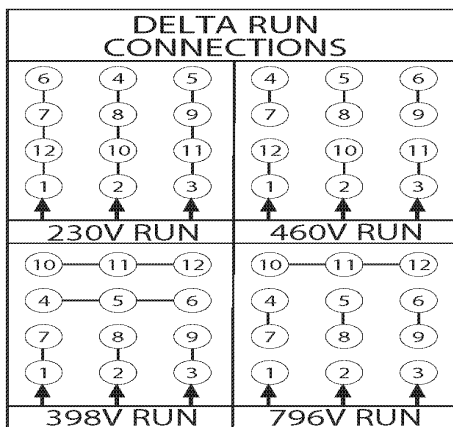
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	310	1544	Rated Altitude (M)	1000
Breakdown	-	371	-	Coating	7024 - Graphite Grey
Pull Up	-	426	-	Shaft Grounding	NO
125% of FL	1784	-	203.29	Brake Voltage (DC)	--
75% of FL	1791	-	125.83	Brake Torque (N-M)	--
50% of FL	1794	-	91.81	Mechanical Data	
No Load	--	-	49.19		

Hazardous Location	Class 1, Div 2, Grp A,B,C,D			Bearing DE Side	6319 C3
				Bearing NDE Side	6319 C3
				Moment of Inertia	-- kg.m2
				Noise Level	Per NEMA dB (A)

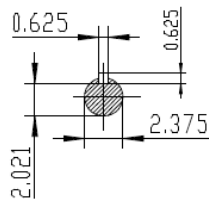
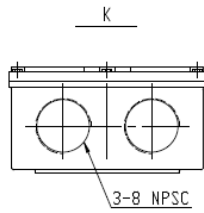
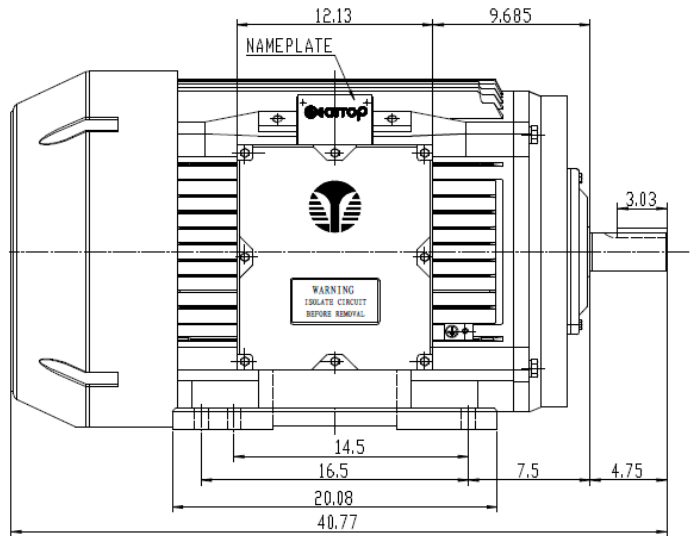
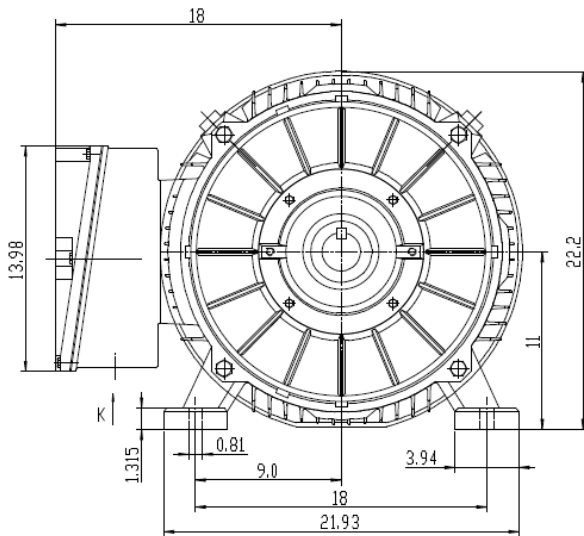
CT VFD Range	--	Loaded Torque Curves	--
P1 = INPUT POWER (KW), S = Slip (% of Sync RPM), η = Efficiency (%), cosφ = Power Factor			

Certifications	UL	CSA	DOE
File Numbers	323353	224693	096A

Wiring Diagram	3PH 12 Lead Dual Voltage
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TECHTOP Shanghai HIMAK Electrical Machinery CO.,LTD		NEMA TEFC 444-445TS	
Design	Standard	NO:	TXC 444-445TS CFC
Checker	Allow	STEP MARK	1:4 SORT Cast iron Motor
Auditing	Date		