



Model Number GR3-CI-TF-445TS-2-BR-E-150-460-60

MFG PN T445TS150U2B

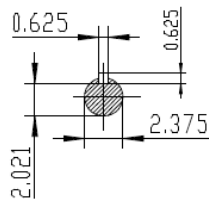
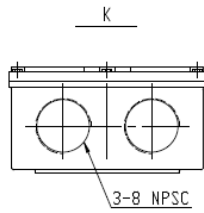
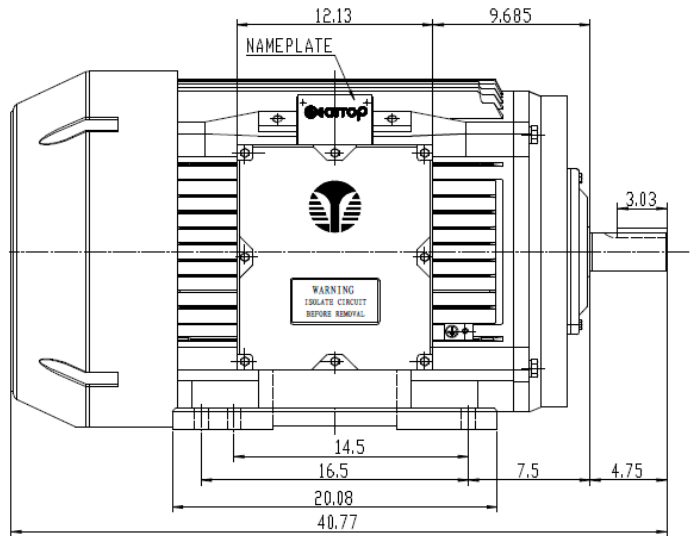
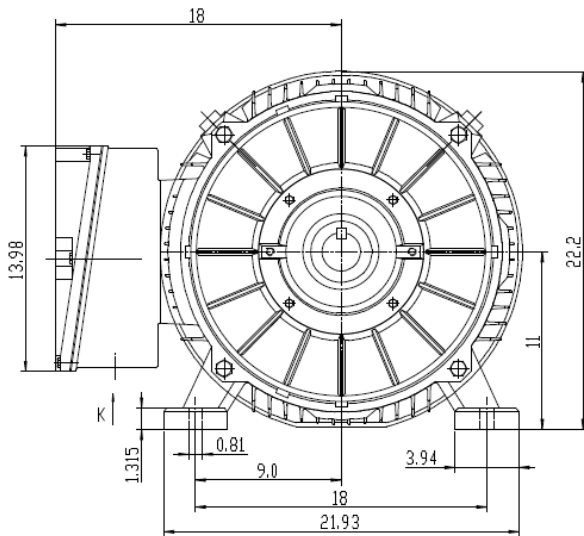
List Price --

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		3570 r/min		Enclosure	TEFC
Rated Motor Voltage (3 Phase)		460-60 Volts - HZ		Approximate Weight	1540
Rated Motor Current		318/159 Amps		NEMA Design	A
Service Factor		1.15		IP Rating	55
KVA Code		H		Insulation Class	F
Nominal Efficiency		95 %		Tropicalization	YES
Nominal Power Factor		0.93 cosθ		Duty	Cont.
Full Load Torque Ft-Lb		215.08416 Ft-Lb		Cable Entry	1.25
Temp Rise @ Full Load °C		71.4		Feet Removable	YES
Efficiency Level		IE3 - NEMA Premium		Double Drilled	NO
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	224	1445	Rated Altitude (M)	1000
Breakdown	-	271	-	Coating	7024 - Graphite Grey
Pull Up	-	66	-	Shaft Grounding	NO
125% of FL	3565	-	182.54	Brake Voltage (DC)	
75% of FL	3577	-	118	Brake Torque (N-M)	
50% of FL	3585	-	82.26	Mechanical Data	
No Load	3599	-	29.38	Bearing DE Side	6316 C3
Hazardous Location	Class 1, Div 2, Grp A,B,C,D			Bearing NDE Side	6316 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				
6 7 12 1 4 8 10 2 5 9 11 3 230V RUN 4 7 12 1 5 8 10 2 6 9 11 3 460V RUN 10 4 7 1 11 5 8 2 12 6 9 3 398V RUN 10 4 7 1 11 5 8 2 12 6 9 3 796V RUN					

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



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		