



Model Number SD3-445TSC-2-BR-E-150-460-60

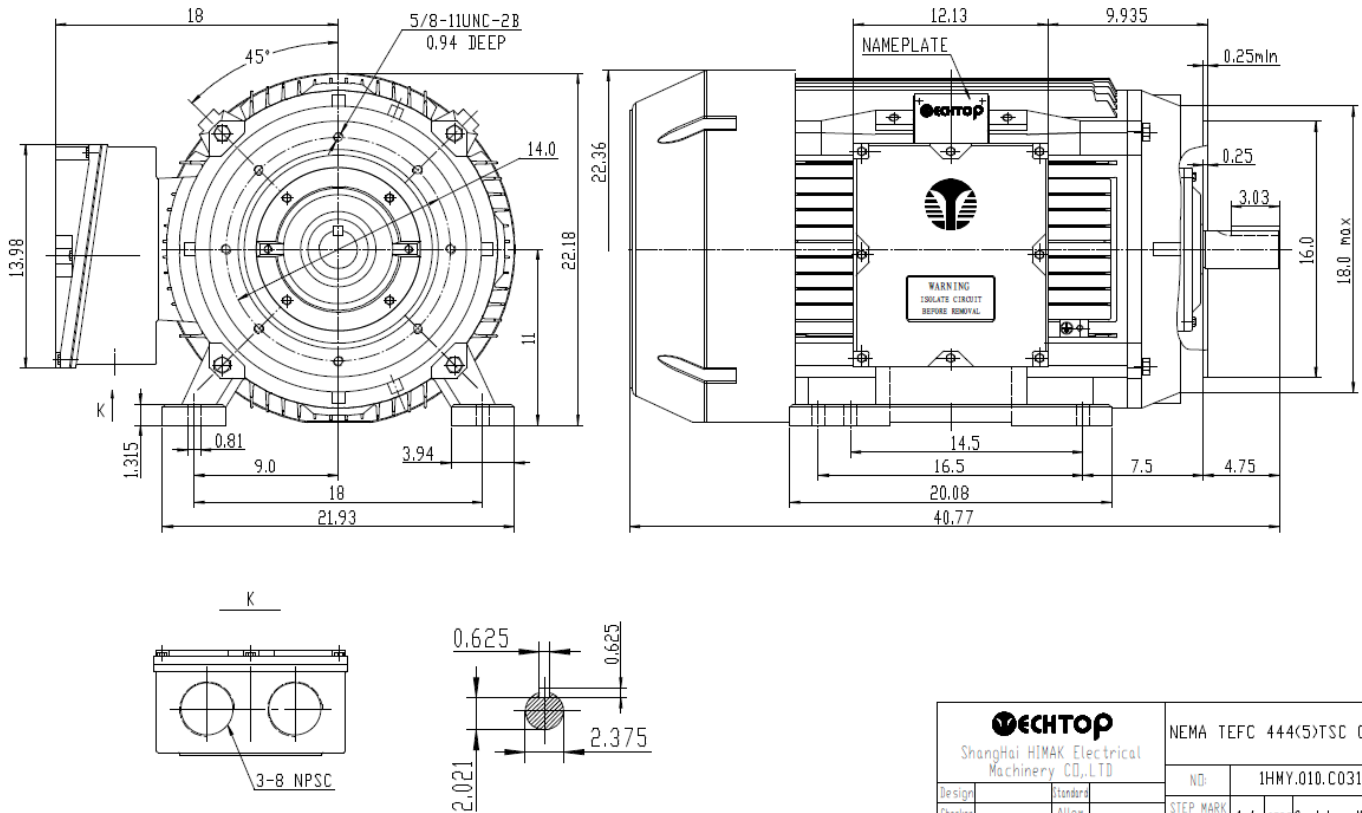
MFG PN T445TS150U2B

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		3565 r/min		Enclosure	TEFC
Rated Motor Voltage (3 Phase)		460-60 Volts - HZ		Approximate Weight	1658.8
Rated Motor Current		162 Amps		NEMA Design	B
Service Factor		1.15		IP Rating	56
KVA Code		G		Insulation Class	F
Nominal Efficiency		95 %		Tropicalization	YES
Nominal Power Factor		0.91 cosθ		Duty	Cont.
Full Load Torque Ft-Lb		291.6 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	1084	Rated Altitude (M)	1000
Breakdown	-	271	-	Coating	7024 - Graphite Grey
Pull Up	-	66	-	Shaft Grounding	YES
125% of FL	3565	-	182.54	Brake Voltage (DC)	--
75% of FL	3577	-	118.46	Brake Torque (N-M)	--
50% of FL	3585	-	82.26	Mechanical Data	
No Load	3599	-	29.38	Bearing DE Side	6316 C3
Hazardous Location	CL1 Div2 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 Single Voltage SD3				



TECHTOP Shanghai HIMAK Electrical Machinery CO., LTD		NEMA TEFC 444(S)TSC CFC	
Design	Standard	NO.	1HWY.010.C031
Checker	Allow	STEP MARK	1:4 SORT Cast iron Motor
Auditing	Date		