



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

**MFG PN** T445TS150U2B

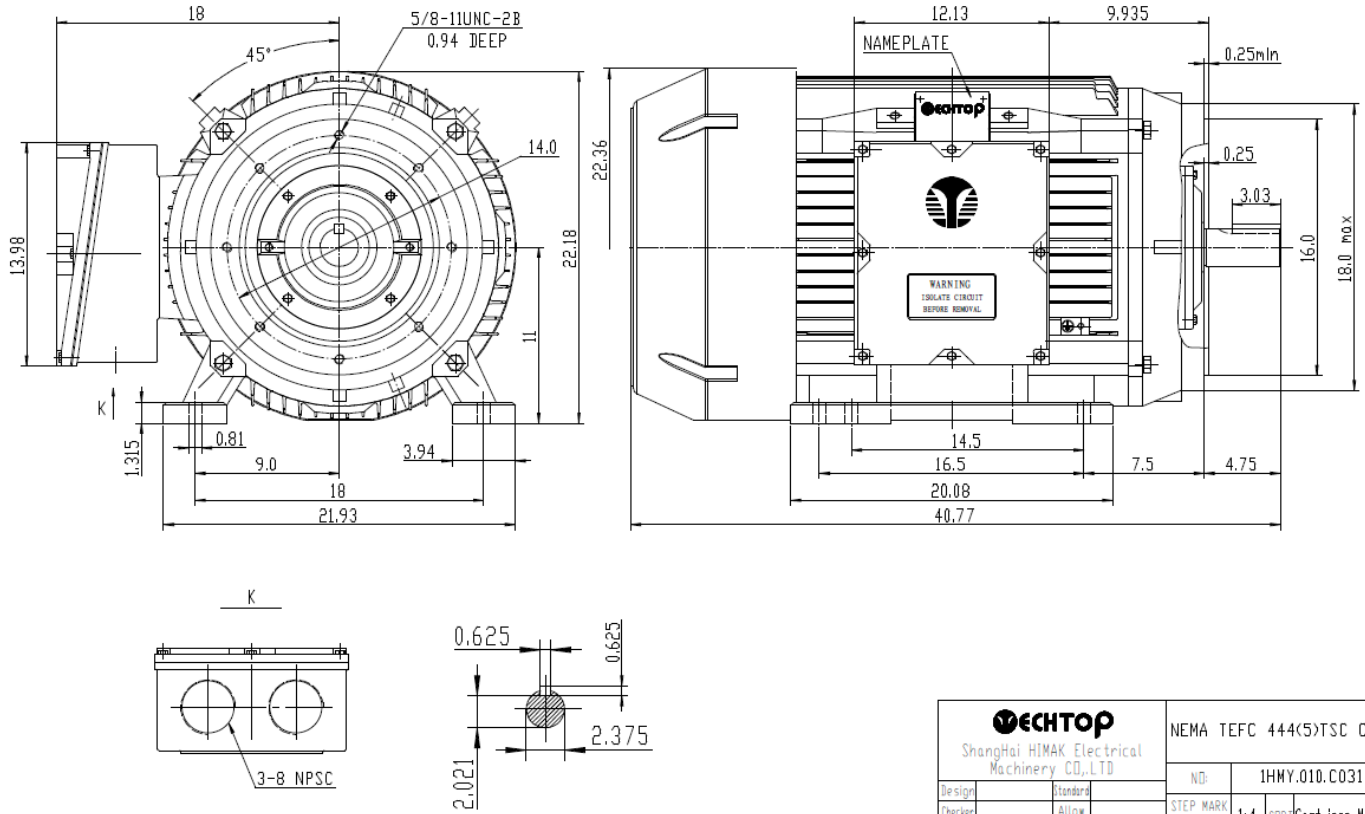
**List Price** --

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				

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Base Frame	SD-445TSC-CI-TF



<b>TECHTOP</b> Shanghai HIMAK Electrical Machinery CO., LTD		NEMA TEFC 444(5)TSC CFC	
Design	Standard	NO:	1HWY.010.C031
Checker	Allow	STEP MARK	1v4 SORT
Auditing	Date		Cast iron Motor