



Model Number SD3-449TC-4-BR-E-250-460-60

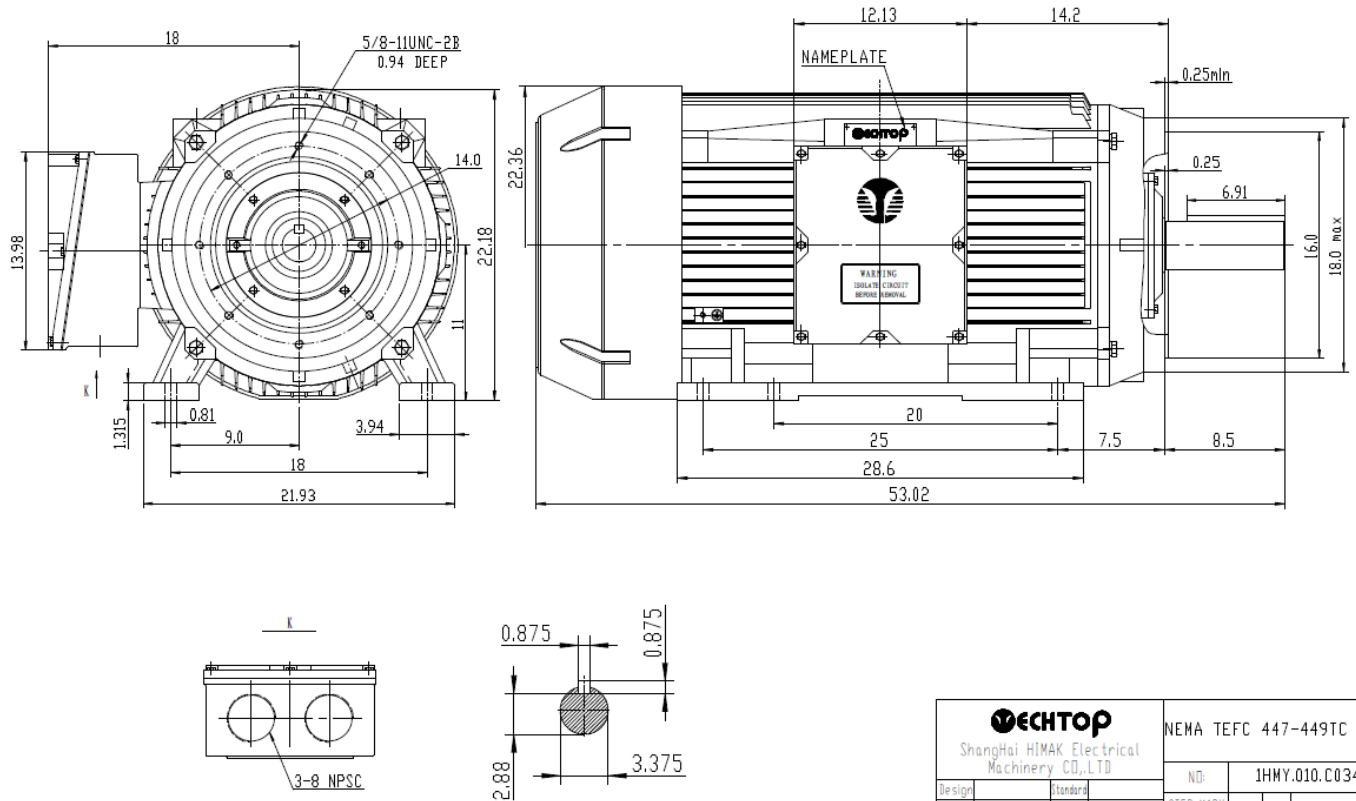
MFG PN T449T250U4B

List Price --

All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data				General Data	
Rated Motor Output Power		250 HP		Frame Size	449
Rated Motor Speed		1785 r/min		Enclosure	TEFC
Rated Motor Voltage (3 Phase)		460-60 Volts - HZ		Approximate Weight	2320
Rated Motor Current		273 Amps		NEMA Design	B
Service Factor		1.15		IP Rating	56
KVA Code		G		Insulation Class	F
Nominal Efficiency		96.2 %		Tropicalization	YES
Nominal Power Factor		0.89 cosθ		Duty	Cont.
Full Load Torque Ft-Lb		997 Ft-Lb		Cable Entry	1.25
Temp Rise @ Full Load °C		72.2		Feet Removable	YES
Efficiency Level		IE3 - NEMA Premium		Double Drilled	NO
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	253	1850	Rated Altitude (M)	1000
Breakdown	-	284	-	Coating	7024 - Graphite Grey
Pull Up	-	353	-	Shaft Grounding	YES
125% of FL	343.13	-	--	Brake Voltage (DC)	--
75% of FL	1791	-	206.24	Brake Torque (N-M)	--
50% of FL	1794	-	146.57	Mechanical Data	
No Load	--	-	67.41	Bearing DE Side	6319 C3
Hazardous Location	CL1 Div2 Grp A,B,C,D			Bearing NDE Side	6319 C3
				Moment of Inertia	-- kg.m2
				Noise Level	Per NEMA dB (A)
				Loaded Torque Curves	
CT VFD Range		--	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 447-449TC CFC	
Design	Standard	NO.	1HWY.010.C034
Checker	Allow	STEP MARK	14.5 SDRT Cast iron Motor
Building	Date		