



Model Number SD3-444TC-4-RR-E-125-460-60

MFG PN T444T125U4B

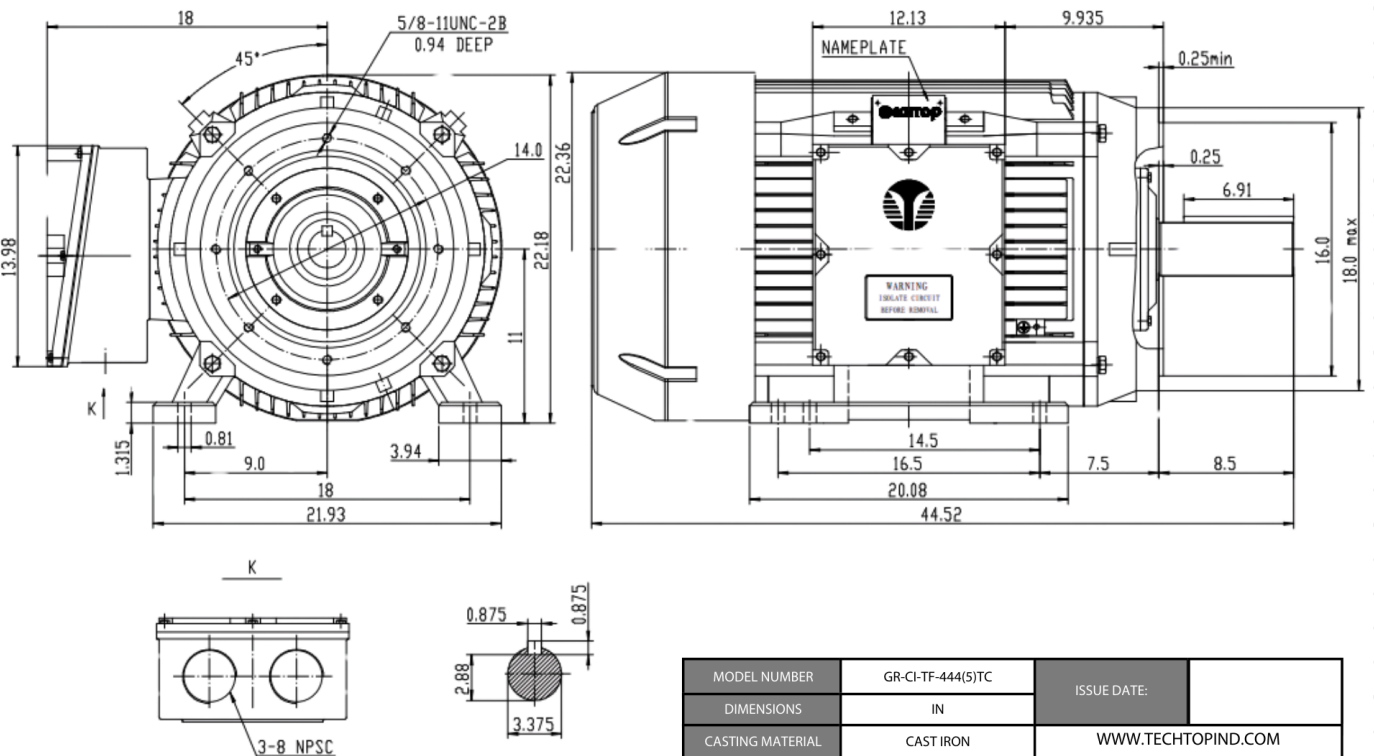
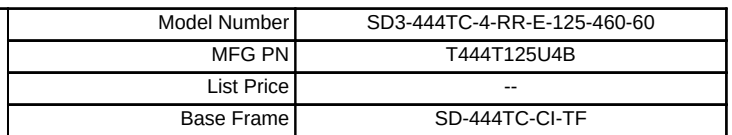
List Price --

All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data				General Data	
Rated Motor Output Power		125 HP		Frame Size	444
Rated Motor Speed		1785 r/min		Enclosure	TEFC
Rated Motor Voltage (3 Phase)		460-60 Volts - HZ		Approximate Weight	1445.6
Rated Motor Current		138 Amps		NEMA Design	B
Service Factor		1.15		IP Rating	56
KVA Code		G		Insulation Class	F
Nominal Efficiency		95.4 %		Tropicalization	YES
Nominal Power Factor		0.89 cosθ		Duty	Cont.
Full Load Torque Ft-Lb		495 Ft-Lb		Cable Entry	1.25
Temp Rise @ Full Load °C		72.5		Feet Removable	YES
Efficiency Level		IE3 - NEMA Premium		Double Drilled	NO
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	197	922	Rated Altitude (M)	1000
Breakdown	-	185	-	Coating	7024 - Graphite Grey
Pull Up	-	89	-	Shaft Grounding	YES
125% of FL	1781	-	174.02	Brake Voltage (DC)	--
75% of FL	1790	-	103.68	Brake Torque (N-M)	--
50% of FL	1793	-	73.63	Mechanical Data	
No Load	--	-	33.66	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)
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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