



Model Number SD3-284TC-4-BR-E-25-460-60

MFG PN T284T25U4B

List Price --

All data shown at HIGH voltage setting

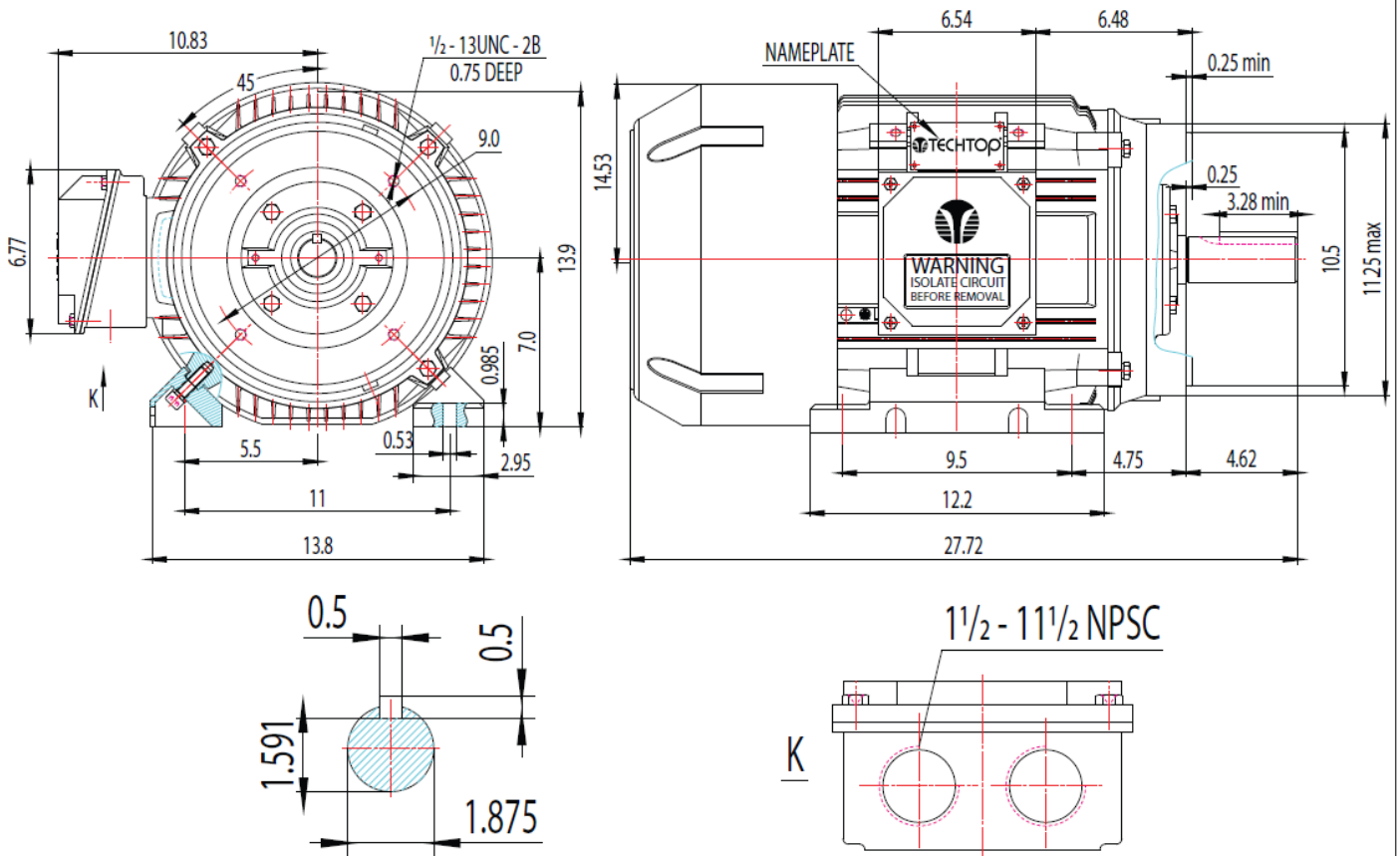
Format STD 3 Phase

Electrical Data				General Data	
Rated Motor Output Power	25 HP			Frame Size	284
Rated Motor Speed	1770 r/min			Enclosure	TEFC
Rated Motor Voltage (3 Phase)	460-60 Volts - HZ			Approximate Weight	375.7
Rated Motor Current	30.5 Amps			NEMA Design	B
Service Factor	1.25			IP Rating	56
KVA Code	--			Insulation Class	F
Nominal Efficiency	-- %			Tropicalization	YES
Nominal Power Factor	-- cosθ			Duty	Cont.
Full Load Torque Ft-Lb	100 Ft-Lb			Cable Entry	1.25
Temp Rise @ Full Load °C	54.4			Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium			Double Drilled	NO
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	193	179.8	Rated Altitude (M)	1000
Breakdown	-	239	-	Coating	7024 - Graphite Grey
Pull Up	-	149	-	Shaft Grounding	YES
125% of FL	1759	-	37.63	Brake Voltage (DC)	--
75% of FL	1778	-	23.42	Brake Torque (N-M)	--
50% of FL	1793	-	12.94	Mechanical Data	
No Load	1798	-	10.89	Bearing DE Side	6311 C3
Hazardous Location	CL1 Div2 Grp A,B,C,D			Bearing NDE Side	6311 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-284TC-CI-TF

FRAME: 284TC | HP: | RPM: | PHASE: 3 | VOLT: 208 - 230/460V | ENCL: TEFC | FREQ: 60 Hz | FLA: | LRA:



	MODEL NUMBER:	REV.	BY	DATE	CHANGES
	GR3-CI-TF-284TC	1			
	MFG PN:	2			
		3			
		4			
		5			
		6			
MATERIAL: UNITS: INCH BY: SSEE DRAWN: 6/26/2018 WWW.TECHTOP.COM		7			

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