



TECHTOP electric motors				Model Number		GR3-CI-TF-284JM-2-BR-D-25-230 460-60							
				MFG PN		T284TS25U2B							
				List Price		--							
All data shown at HIGH voltage setting						Format		STD 1 Phase					
Electrical Data				General Data									
Rated Motor Output Power		25 HP		Frame Size		284							
Rated Motor Speed		3550 r/min		Enclosure		TEFC							
Rated Motor Voltage (1 Phase)		230 460-60 Volts - HZ		Approximate Weight		398							
Rated Motor Current		60.06/30.3 Amps		NEMA Design		A							
Service Factor		1.25		IP Rating		55							
KVA Code		M		Insulation Class		F							
Nominal Efficiency		91.7 %		Tropicalization		YES							
Nominal Power Factor		85 cosθ		Duty		Cont.							
Full Load Torque Ft-Lb		36.43744 Ft-Lb		Cable Entry		1.25							
Temp Rise @ Full Load °C		59.3		Feet Removable		YES							
Efficiency Level		IE3 - NEMA Premium		Double Drilled		NO							
Load Data		RPM		Trq %FL		Current Amps		Rated Ambient (°C)		40			
Locked Rotor		-		207		204.5		Rated Altitude (M)		1000			
Breakdown		-		274		-		Coating		7024 - Graphite Grey			
Pull Up		-		120		-		Start Capacitor (µF / V / Qty)		--			
125% of FL		3536		-		32.15		Run Capacitor (µF / V / Qty)		--			
75% of FL		3560		-		21.26		Centrifugal Switch Type		--			
50% of FL		3574		-		15.14		Mechanical Data					
No Load		3594		-		6.96							
Hazardous Location		Class 1, Div 2, Grp A,B,C,D				Bearing DE Side		6311 C3					
						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 12 Lead Dual Voltage											
DELTA RUN CONNECTIONS 6 4 5 7 8 9 12 10 11 1 2 3 230V RUN 4 5 6 7 8 9 12 10 11 1 2 3 460V RUN 10 11 12 4 5 6 7 8 9 1 2 3 398V RUN 10 11 12 4 5 6 7 8 9 1 2 3 796V RUN													

Techtop Industries -2815 Colonnades Court - Peachtree Corners, GA 30071 - Phone: (678) 436-5540

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398V RUN

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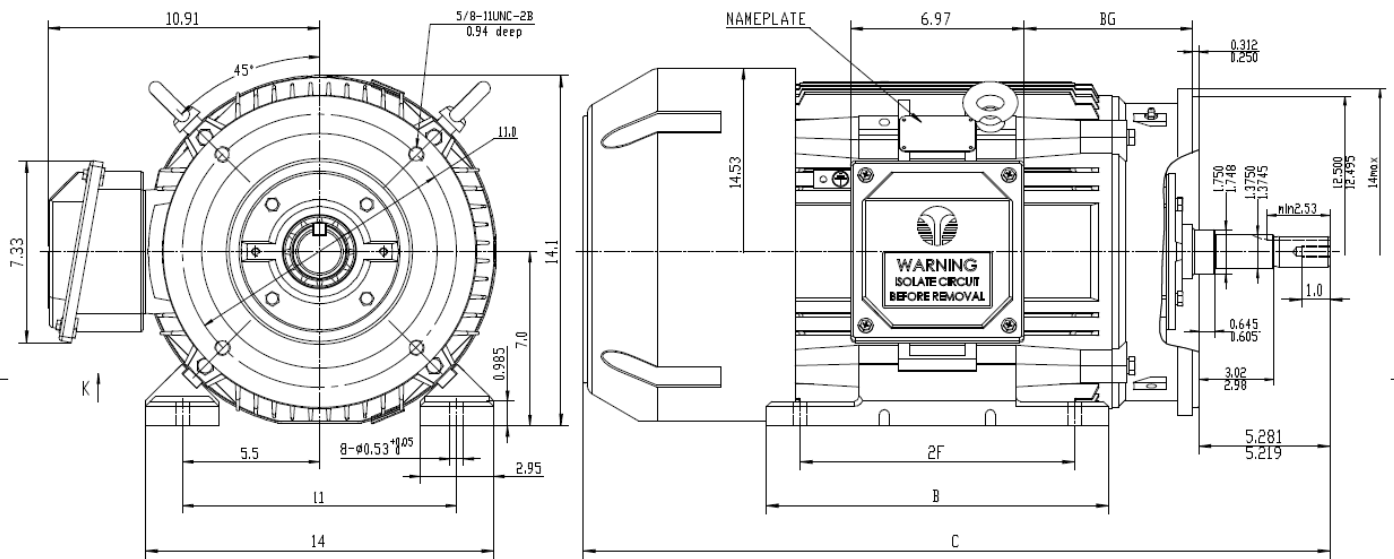
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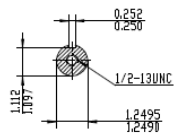
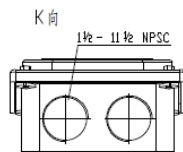
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796V RUN



Model	2F	B	BG	C
284T	9.5	12.2	6.27	28.48
286T	9.5/11	13.7	6.77	29.98



TECHTOP		NEMA TEFC 280T JM	
ShangHai HIMAK Electrical Machinery CO.,LTD		NO:	1HMY.010.JM005 CFC
Design	Standard	STEP MARK	1:3 SORT Cost iron Motor
Checker	Allow		
Auditing	Date		