



Model Number CT3-CI-TO-284T-4-B-D-25-230|460-60

MFG PN TO284T25U4B

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	1775 r/min	Enclosure	TEAO
Rated Motor Voltage (3 Phase)	230 460-60 Volts - HZ	Approximate Weight	--
Rated Motor Current	58.2/29.1 Amps	NEMA Design	BE
Service Factor	1.25	IP Rating	55
KVA Code	K	Insulation Class	H
Nominal Efficiency	93.6 %	Tropicalization	YES
Nominal Power Factor	0.86 cosθ	Duty	Cont.
Full Load Torque Ft-Lb	73.76 Ft-Lb	Cable Entry	1.25
Temp Rise @ Full Load °C	50.7	Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium	Double Drilled	NO

Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	283	269	Rated Altitude (M)	1000
Breakdown	-	350	-	Coating	7024 - Graphite Grey
Pull Up	-	206	-	Shaft Grounding	Yes
125% of FL	1769	-	35	Brake Voltage (DC)	--
75% of FL	1782	-	22.92	Brake Torque (N-M)	--
50% of FL	1788	-	17.43	Mechanical Data	
No Load	--	-	11.63		

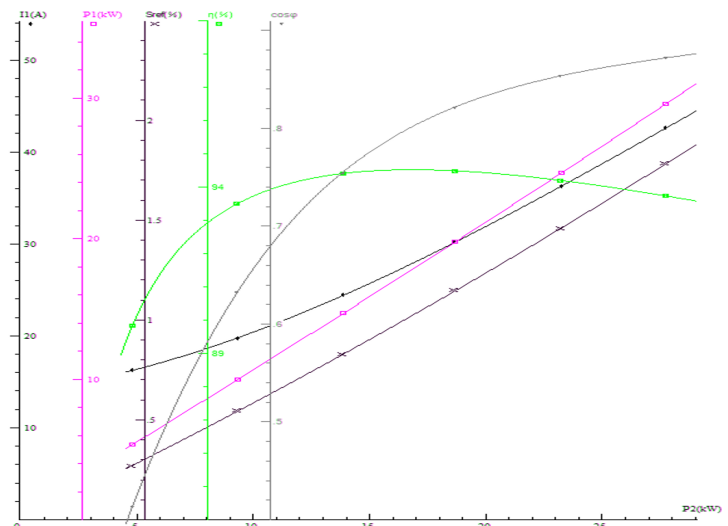
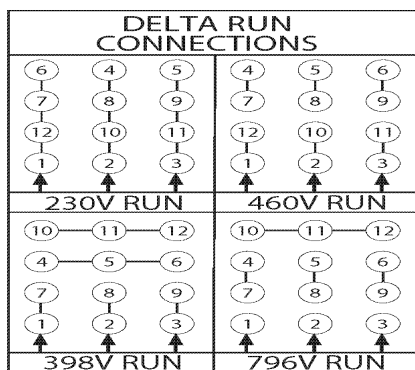
Hazardous Location	Class 1, Div 2, Group A,B, C,D			Bearing DE Side	63112RS
				Bearing NDE Side	63112RS
				Moment of Inertia	-- kg.m2
				Noise Level	Per NEMA dB (A)

CT VFD Range	--	Loaded Torque Curves	--
P1 = INPUT POWER (KW), S = Slip (% of Sync RPM), η = Efficiency (%), cosφ = Power Factor			

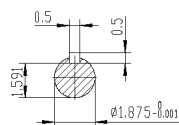
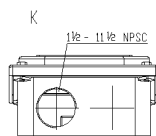
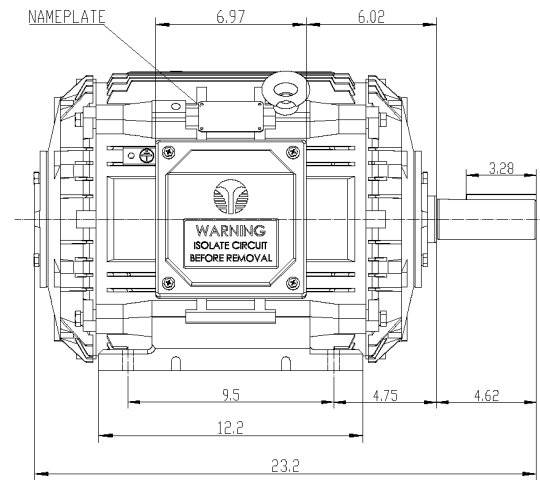
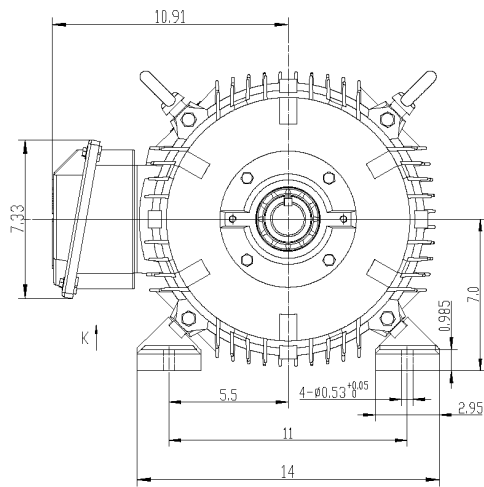
Certifications	UL	CSA	DOE
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File Numbers	323353	224693	096A
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Wiring Diagram	3PH 12 Lead Dual Voltage
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Techtop Industries -2815 Colonnades Court - Peachtree Corners, GA 30071 - Phone: (678) 436-5540



UNITS:INCH

 ShangHai HIMAK Electrical Machinery CO., LTD			TXC 284T F1 NEMA TEAD		
			NO:	CY321.A16.102	
Design		Standard		STEP MARK	
Checker		Allow		1:4	SORT
Auditing		Date			Cast iron Motor