



Model Number CT3-CI-TO-184T-4-B-D-5-230|460-60

MFG PN TO184T5U4B

List Price --

All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data		General Data	
Rated Motor Output Power	5 HP	Frame Size	184
Rated Motor Speed	1750 r/min	Enclosure	TEAO
Rated Motor Voltage (3 Phase)	230 460-60 Volts - HZ	Approximate Weight	--
Rated Motor Current	12.6/6.3 Amps	NEMA Design	BE
Service Factor	1.25	IP Rating	55
KVA Code	K	Insulation Class	H
Nominal Efficiency	89.5 %	Tropicalization	YES
Nominal Power Factor	0.83 cos θ	Duty	Cont.
Full Load Torque Ft-Lb	14.965904 Ft-Lb	Cable Entry	1.25
Temp Rise @ Full Load °C	52.4	Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium	Double Drilled	NO

Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	
Locked Rotor	-	253	53	40	
Breakdown	-	362	-	Rated Altitude (M)	
Pull Up	-	225	-	1000	
125% of FL	1734	-	7.5	Coating	
75% of FL	1765	-	4.9	7024 - Graphite Grey	
50% of FL	1777	-	3.92	Shaft Grounding	
No Load	1797	-	2.89	Yes	
				Brake Voltage (DC)	
				--	
				Brake Torque (N-M)	
				--	

Hazardous Location	Class 1, Div 2, Group A,B, C,D	Bearing NDE Side	63062RS
		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 (%), cos ϕ = Power Factor	

Certifications	UL	CSA	DOE
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File Numbers	323353	224693	096A
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Wiring Diagram	3PH 9 Lead Dual Voltage
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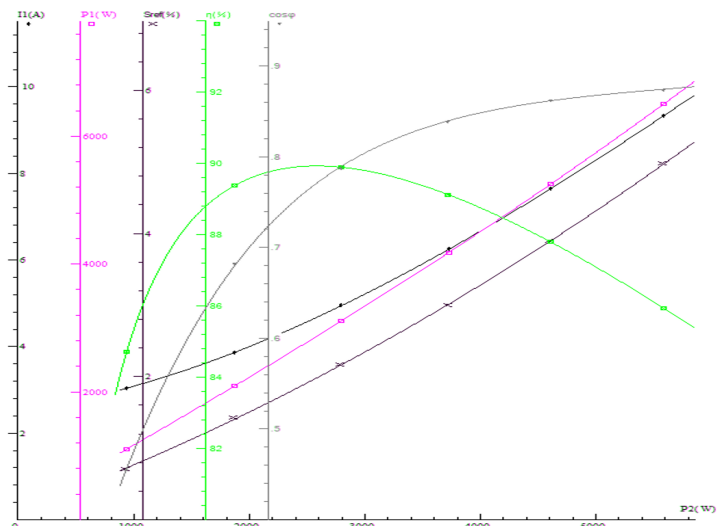
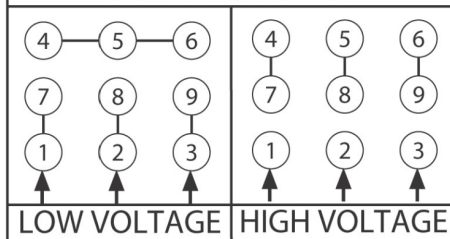
3 Phase - YY/Y - 9 Lead

4,1 Blue / 5,2 White / 6,3 Org / 7 Yl / 8 Blk / 9 RD

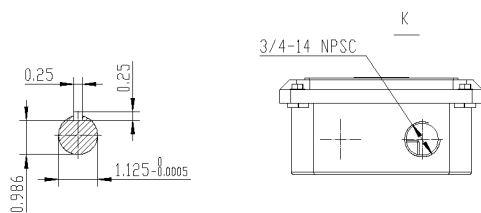
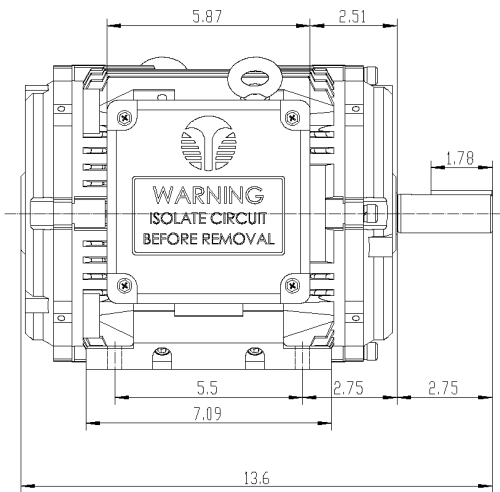
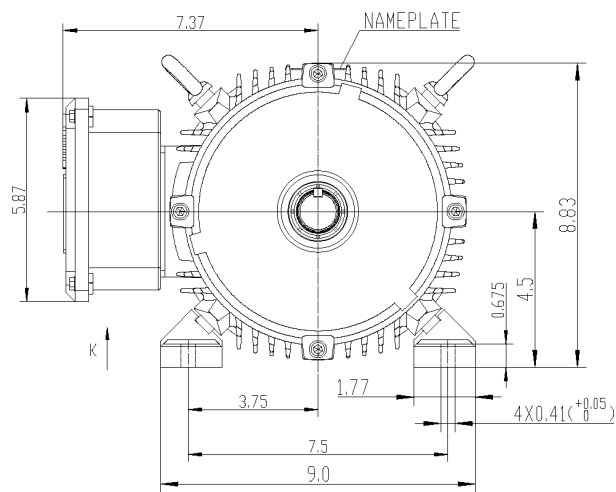
Cast Iron- 1,2,3 Top - 4,5,6,7,8,9 Bottom

Aluminum - 4,5,6,8,9 Top - 1,2,3,7 Bottom

CONNECTIONS



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



UNITS:INCH

 ShangHai HIMAK Electrical Machinery CO., LTD			TXC 184T F1 NEMA TEAD		
			NO:	CY216.A16.102-001	
Design		Standard		STEP MARK	
Checker		Allow		1:2.5	SORT
Auditing		Date			Cast iron Motor