



Model Number CT3-CI-TO-215T-4-B-D-10-230|460-60

MFG PN TO215T10U4B

List Price --

All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data		General Data	
Rated Motor Output Power	10 HP	Frame Size	215
Rated Motor Speed	1750 r/min	Enclosure	TEAO
Rated Motor Voltage (3 Phase)	230 460-60 Volts - HZ	Approximate Weight	--
Rated Motor Current	23.8/11.9 Amps	NEMA Design	BE
Service Factor	1.25	IP Rating	55
KVA Code	J	Insulation Class	H
Nominal Efficiency	91.7 %	Tropicalization	YES
Nominal Power Factor	0.86 cosθ	Duty	Cont.
Full Load Torque Ft-Lb	38.3552 Ft-Lb	Cable Entry	1.25
Temp Rise @ Full Load °C	51.3	Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium	Double Drilled	NO

Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	
Locked Rotor	-	212	93.82	Rated Altitude (M)	1000
Breakdown	-	269	-	Coating	7024 - Graphite Grey
Pull Up	-	101	-	Shaft Grounding	Yes
125% of FL	1779	-	14.87	Brake Voltage (DC)	--
75% of FL	1767	-	8.94	Brake Torque (N-M)	--
50% of FL	1779	-	6.48	Mechanical Data	
No Load	1795	-	3.67	Bearing DE Side	63082RS

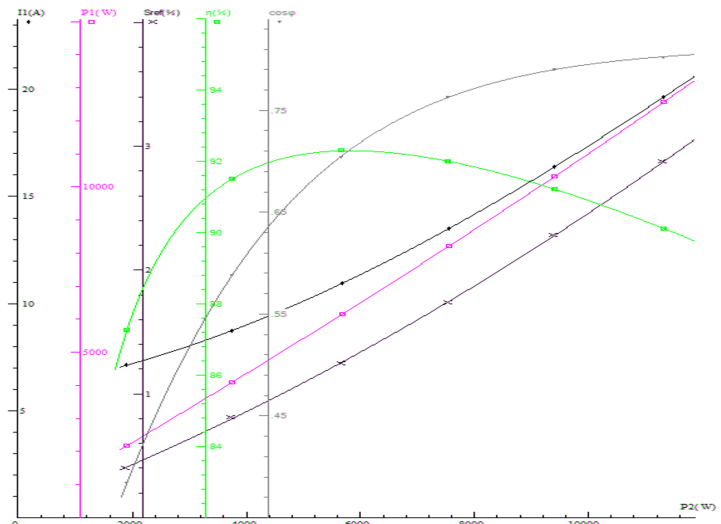
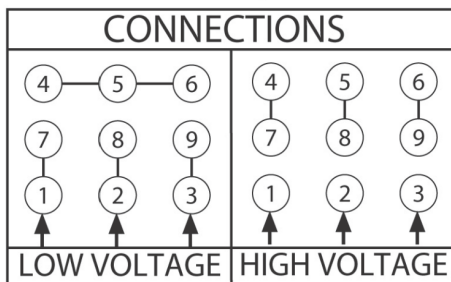
Hazardous Location	Class 1, Div 2, Group A,B, C,D		Bearing NDE Side	63082RS
			Moment of Inertia	-- kg.m2
			Noise Level	Per NEMA dB (A)

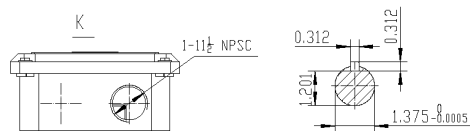
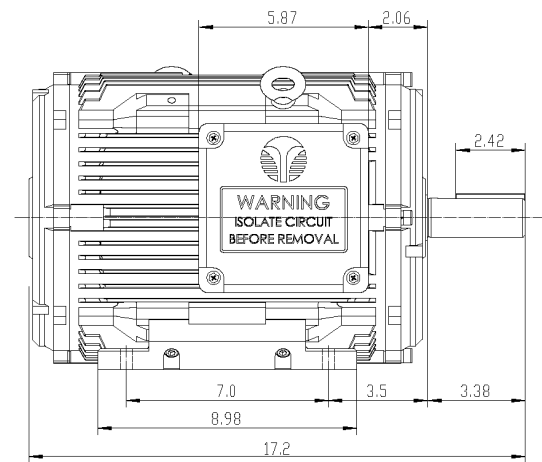
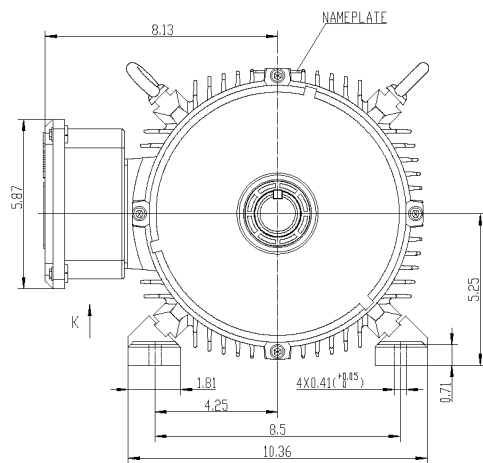
CT VFD Range		--	Loaded Torque Curves	
			P1 = INPUT POWER (KW), S = Slip (% of Sync RPM), η = Efficiency (%), cosφ = Power Factor	

Certifications	UL	CSA	DOE
File Numbers	323353	224693	096A

Wiring Diagram	3PH 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





UNITS: INCH

 ShangHai HIMAK Electrical Machinery CO., LTD			TXC 215T F1 NEMA TEAD		
			NO:	CY216.A16.102-001	
Design		Standard	STEP MARK	1:3	SORT Cast iron Motor
Checker		Allow			
Auditing		Date			