



Model Number CT3-CI-TO-254T-4-B-D-15-230|460-60

MFG PN TO254T15U4B

List Price --

All data shown at HIGH voltage setting

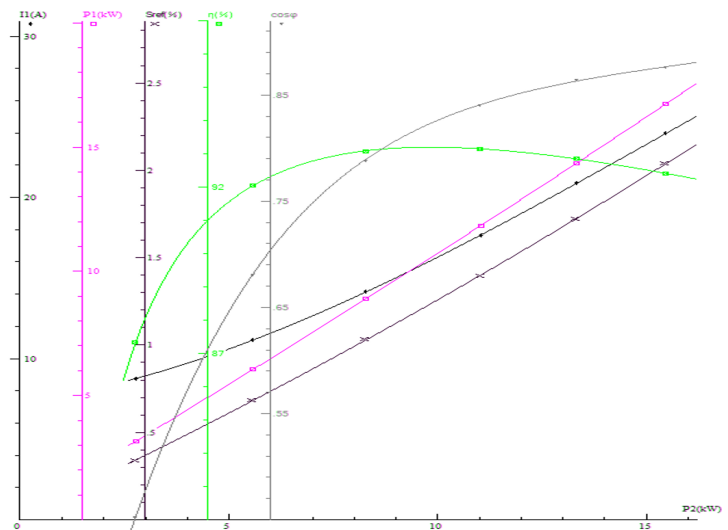
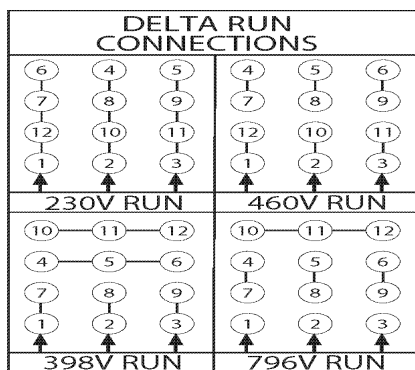
Format STD 3 Phase

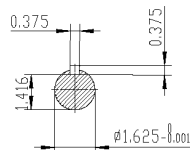
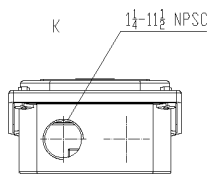
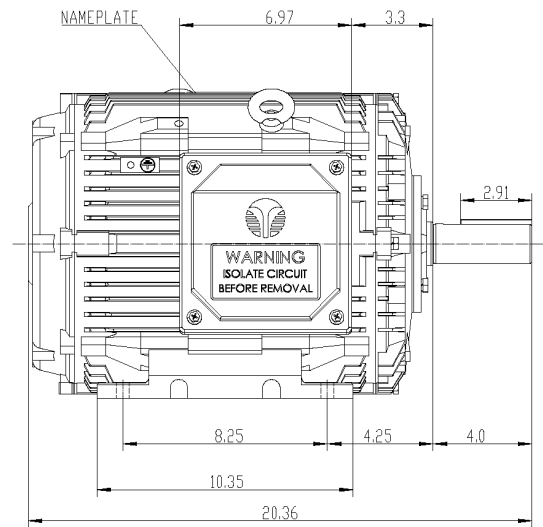
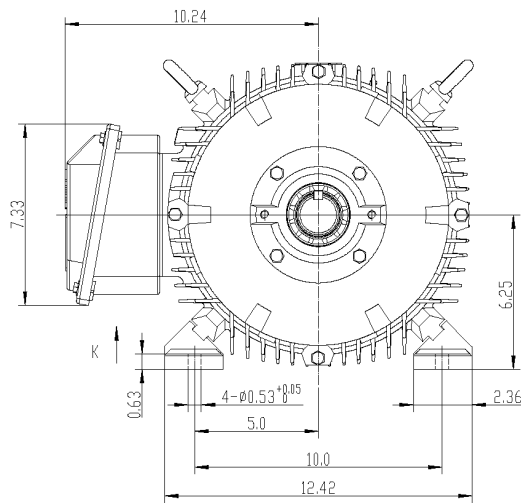
Electrical Data				General Data	
Rated Motor Output Power	15 HP			Frame Size	254
Rated Motor Speed	1770 r/min			Enclosure	TEAO
Rated Motor Voltage (3 Phase)	230 460-60 Volts - HZ			Approximate Weight	--
Rated Motor Current	35.4/17.7 Amps			NEMA Design	BE
Service Factor	1.25			IP Rating	55
KVA Code	J			Insulation Class	H
Nominal Efficiency	92.4 %			Tropicalization	YES
Nominal Power Factor	0.86 cosθ			Duty	Cont.
Full Load Torque Ft-Lb	44.256 Ft-Lb			Cable Entry	1.25
Temp Rise @ Full Load °C	30.1			Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium			Double Drilled	NO
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	250	142	Rated Altitude (M)	1000
Breakdown	-	327	-	Coating	7024 - Graphite Grey
Pull Up	-	171	-	Shaft Grounding	Yes
125% of FL	1763	-	21.79	Brake Voltage (DC)	--
75% of FL	1779	-	13.84	Brake Torque (N-M)	--
50% of FL	1787	-	10.56	Mechanical Data	
No Load	1797	-	6.87	Bearing DE Side	63092RS
Hazardous Location	Class 1, Div 2, Group A,B, C,D			Bearing NDE Side	63092RS
				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
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UNITS: INCH

 ShangHai HIMAK Electrical Machinery CO., LTD			TXC 254T F1 NEMA TEAD		
			NO:	CY320.A16.101	
Design		Standard	STEP MARK	1:3.5	SORT Cast iron Motor
Checker		Allow			
Auditing		Date			