



Model Number CT3-CI-TO-256T-4-B-D-20-230|460-60

MFG PN TO256T20U4B

List Price --

All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data

General Data

Rated Motor Output Power	20 HP	Frame Size	256
Rated Motor Speed	1770 r/min	Enclosure	TEAO
Rated Motor Voltage (3 Phase)	230 460-60 Volts - HZ	Approximate Weight	--
Rated Motor Current	46.8/23.4 Amps	NEMA Design	BE
Service Factor	1.25	IP Rating	55
KVA Code	K	Insulation Class	H
Nominal Efficiency	93 %	Tropicalization	YES
Nominal Power Factor	0.86 cosθ	Duty	Cont.
Full Load Torque Ft-Lb	71.84224 Ft-Lb	Cable Entry	1.25
Temp Rise @ Full Load °C	50.6	Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium	Double Drilled	NO

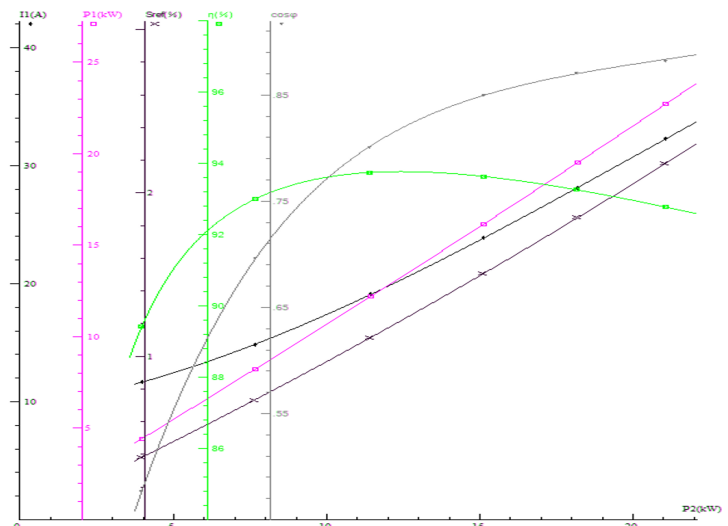
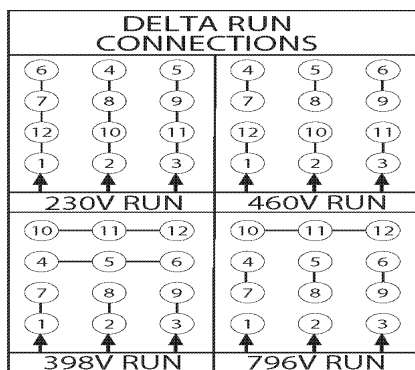
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	280	211.2	Rated Altitude (M)	1000
Breakdown	-	352	-	Coating	7024 - Graphite Grey
Pull Up	-	206	-	Shaft Grounding	Yes
125% of FL	1763	-	28.8	Brake Voltage (DC)	--
75% of FL	1779	-	18.27	Brake Torque (N-M)	--
50% of FL	1787	-	13.84	Mechanical Data	
No Load	--	-	8.72		

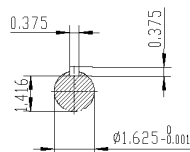
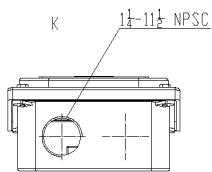
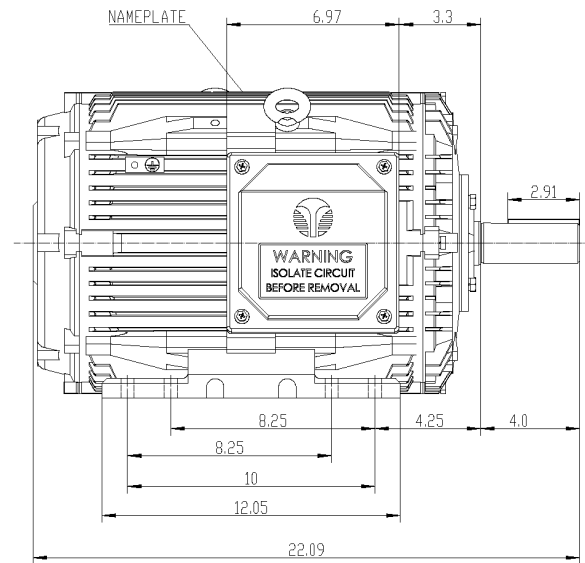
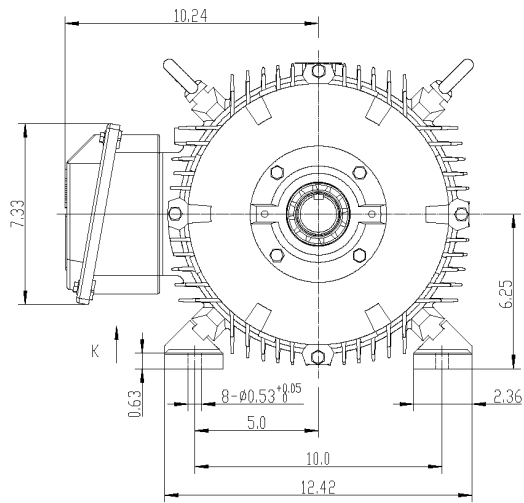
Hazardous Location	Class 1, Div 2, Group A,B, C,D			Bearing DE Side	63092RS
				Bearing NDE Side	63092RS
				Moment of Inertia	-- kg.m2
				Noise Level	Per NEMA dB (A)

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 256T F1 NEMA TEAD		
			NO:	CY320.A16.102	
Design		Standard		STEP MARK	
Checker		Allow		1:3.5	SORT
Auditing		Date			Cast iron Motor