



Model Number XR3-CI-TF-145T-4-B-D-1.5-190|380-50

MFG PN T145T1.5U4B

List Price --

All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data

General Data

Rated Motor Output Power	1.5 HP	Frame Size	145
Rated Motor Speed	1410 r/min	Enclosure	TEFC
Rated Motor Voltage (3 Phase)	190 380-50 Volts - HZ	Approximate Weight	52.5
Rated Motor Current	4.8/2.4 Amps	NEMA Design	BE
Service Factor	1	IP Rating	55
KVA Code	J	Insulation Class	H
Nominal Efficiency	84.1 %	Tropicalization	YES
Nominal Power Factor	0.842 cosθ	Duty	Cont.
Full Load Torque Ft-Lb	5.443488 Ft-Lb	Cable Entry	1.25
Temp Rise @ Full Load °C	56.7	Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium	Double Drilled	NO

Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	246	15.18	Rated Altitude (M)	1000
Breakdown	-	273	-	Coating	7024 - Graphite Grey
Pull Up	-	230	-	Shaft Grounding	YES
125% of FL	1383	-	3	Brake Voltage (DC)	--
75% of FL	1441	-	1.92	Brake Torque (N-M)	--
50% of FL	1463	-	1.53	Mechanical Data	
No Load	1499	-	1.18		

Hazardous Location	Class 1, Div 2, Grp A,B,C,D			Bearing DE Side	6205ZZ
				Bearing NDE Side	6205ZZ
				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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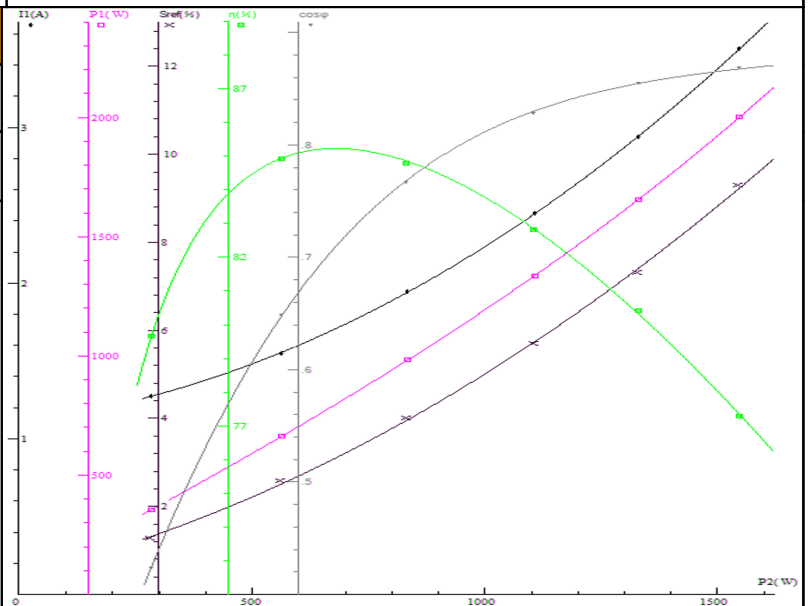
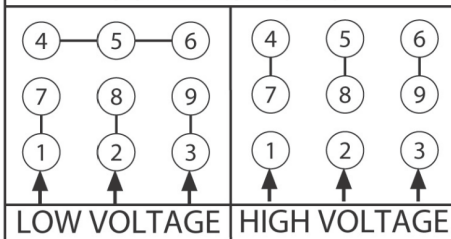
3 Phase - YY/Y - 9 Lead

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

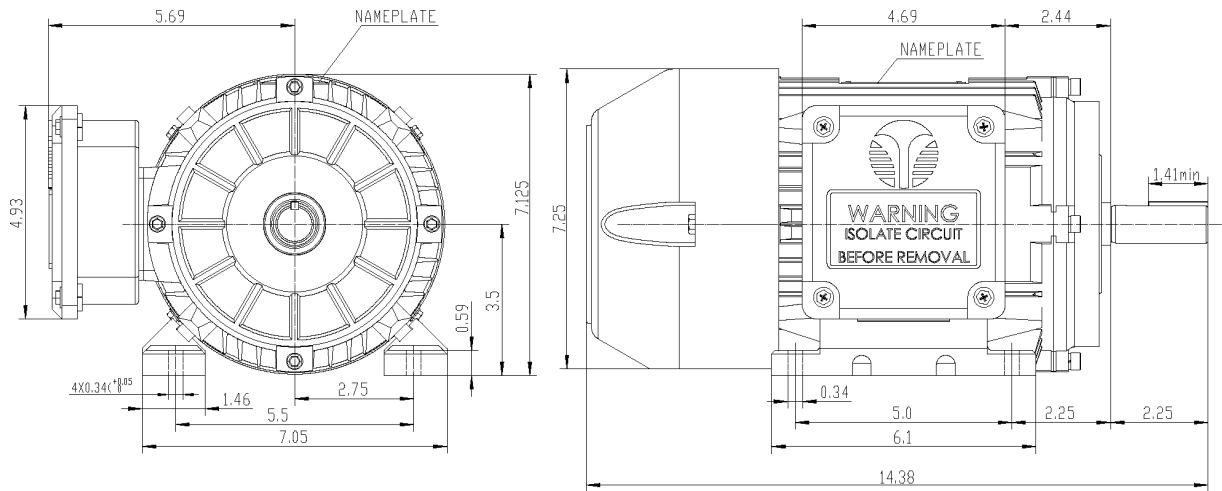
Cast Iron- 1,2,3 Top - 4,5,6,7,8,9 Bottom

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

CONNECTIONS



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



UNITS:INCH



ShangHai HIMAK Electrical Machinery CO., LTD

Design		Standard		NO:		CY215.A16.002C	
Checker		Allow		STEP MARK		1:2	SORT
Auditing		Date					Cast iron Motor