



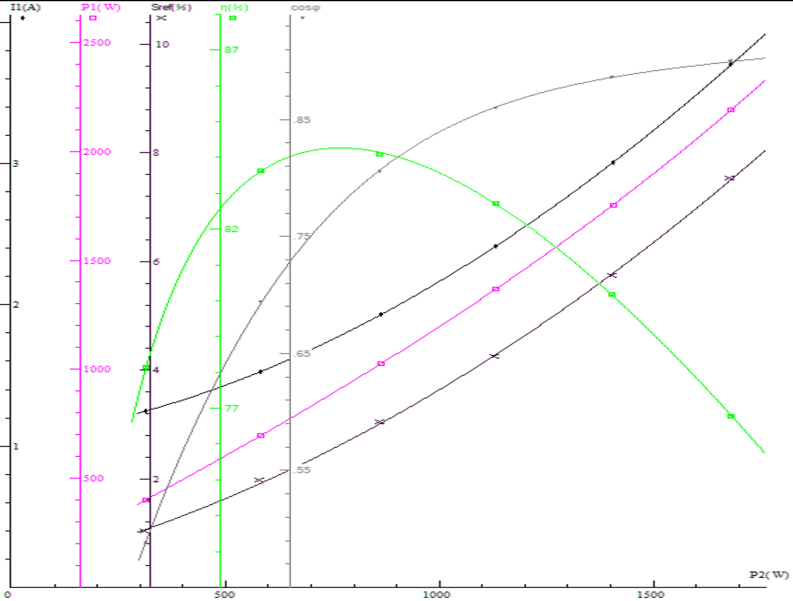
Model Number XR3-CI-TF-143T-2-B-D-1.5-190|380-50

MFG PN T143T1.5U2B

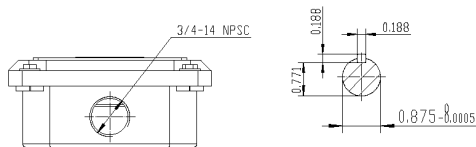
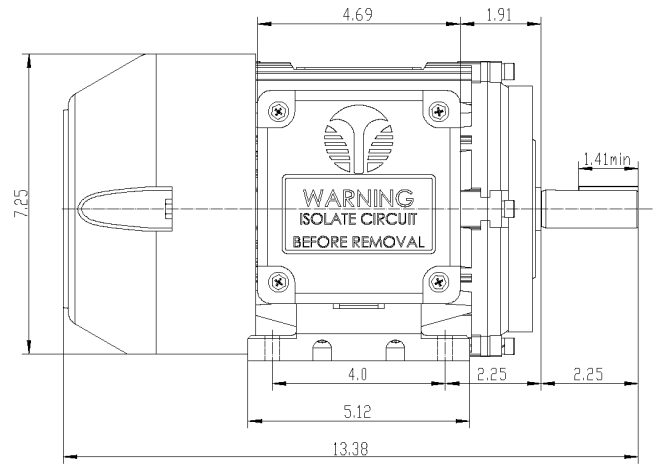
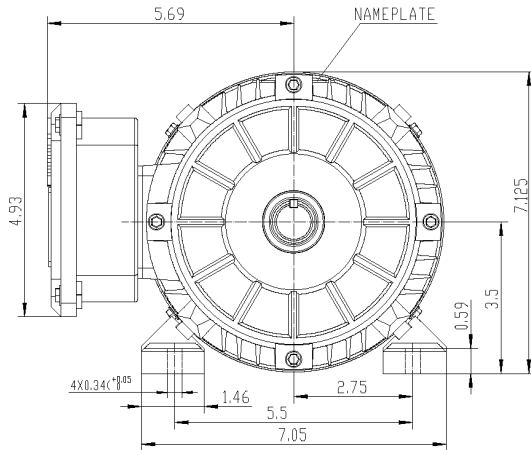
List Price --

All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data				General Data								
Rated Motor Output Power		1.5 HP		Frame Size	143							
Rated Motor Speed		2870 r/min		Enclosure	TEFC							
Rated Motor Voltage (3 Phase)		190 380-50 Volts - HZ		Approximate Weight	47							
Rated Motor Current		4.7/2.35 Amps		NEMA Design	BE							
Service Factor		1		IP Rating	55							
KVA Code		J		Insulation Class	H							
Nominal Efficiency		82.7 %		Tropicalization	YES							
Nominal Power Factor		0.875 cosθ		Duty	Cont.							
Full Load Torque Ft-Lb		2.59 Ft-Lb		Cable Entry	1.25							
Temp Rise @ Full Load °C		35		Feet Removable	YES							
Efficiency Level		IE3 - NEMA Premium		Double Drilled	NO							
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40							
Locked Rotor	-	209	15	Rated Altitude (M)	1000							
Breakdown	-	264	-	Coating	7024 - Graphite Grey							
Pull Up	-	156	-	Shaft Grounding	YES							
125% of FL	2998.3	-	3.44	Brake Voltage (DC)	--							
75% of FL	2999.3	-	1.71	Brake Torque (N-M)	--							
50% of FL	2999.6	-	1.31	Mechanical Data								
No Load	--	-	0.94	Bearing DE Side	6205ZZ							
Hazardous Location	Class 1, Div 2, Grp A,B,C,D			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											
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 <table><tr><td>4</td><td>5</td><td>6</td></tr><tr><td>7</td><td>8</td><td>9</td></tr><tr><td>1</td><td>2</td><td>3</td></tr></table> LOW VOLTAGE						4	5	6	7	8	9	1
4	5	6										
7	8	9										
1	2	3										
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4	5	6										
7	8	9										
1	2	3										

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



UNITS: INCH

 ShangHai HIMAK Electrical Machinery CO., LTD			TXC 143T F1 CFC NEMA TEFC		
			NO:	CY215.A16.001C	
Design		Standard	STEP MARK	1:2	SORT Cast iron Motor
Checker		Allow			
Auditing		Date			