



Model Number XR3-CI-TF-143T-4-B-D-1-190|380-50

MFG PN T143T1U4B

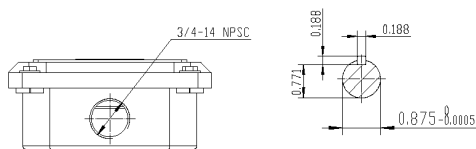
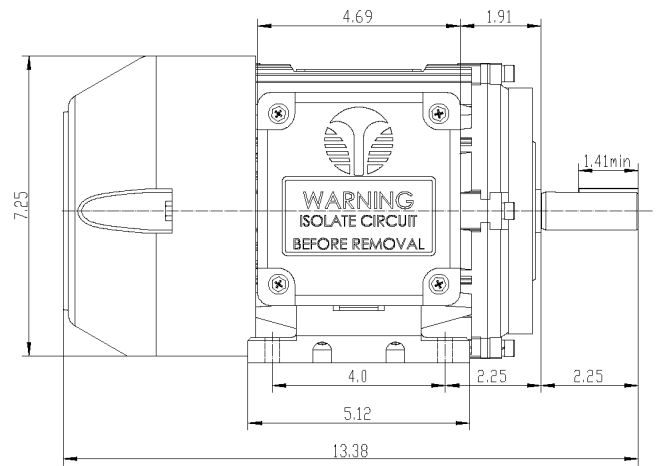
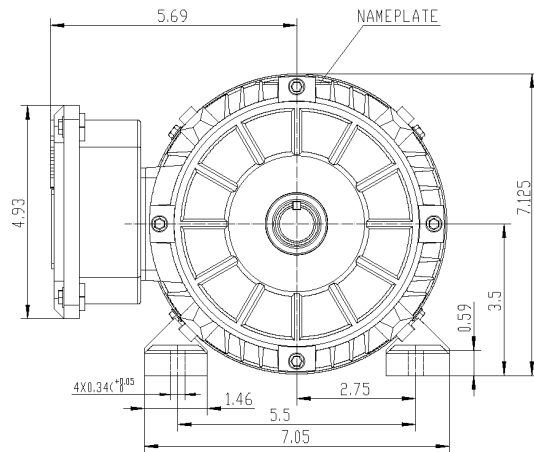
List Price --

All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data				General Data					
Rated Motor Output Power		1 HP		Frame Size	143				
Rated Motor Speed		1410 r/min		Enclosure	TEFC				
Rated Motor Voltage (3 Phase)		190 380-50 Volts - HZ		Approximate Weight	46				
Rated Motor Current		3.4/1.7 Amps		NEMA Design	BE				
Service Factor		1		IP Rating	55				
KVA Code		K		Insulation Class	H				
Nominal Efficiency		82.5 %		Tropicalization	YES				
Nominal Power Factor		0.808 cosθ		Duty	Cont.				
Full Load Torque Ft-Lb		3.658496 Ft-Lb		Cable Entry	1.25				
Temp Rise @ Full Load °C		39.7		Feet Removable	YES				
Efficiency Level		IE3 - NEMA Premium		Double Drilled	NO				
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40				
Locked Rotor	-	247	10.81	Rated Altitude (M)	1000				
Breakdown	-	285	-	Coating	7024 - Graphite Grey				
Pull Up	-	230	-	Shaft Grounding	YES				
125% of FL	1399	-	2.12	Brake Voltage (DC)	--				
75% of FL	1448	-	1.42	Brake Torque (N-M)	--				
50% of FL	1467	-	1.19	Mechanical Data					
No Load	1499	-	0.99	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)				
				Loaded Torque Curves		--			
CT VFD Range		--		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 7 1 </td><td> 5 8 2 </td><td> 6 9 3 </td></tr><tr><td>LOW VOLTAGE</td><td colspan="2">HIGH VOLTAGE</td></tr></table>						4 7 1	5 8 2	6 9 3	LOW VOLTAGE
4 7 1	5 8 2	6 9 3							
LOW VOLTAGE	HIGH VOLTAGE								

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	
Checker		Allow		1:2	
Auditing		Date		SORT	Cast iron Motor