



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

MFG PN T143T1.5U2B

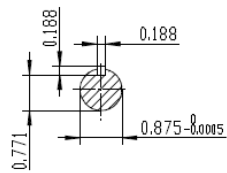
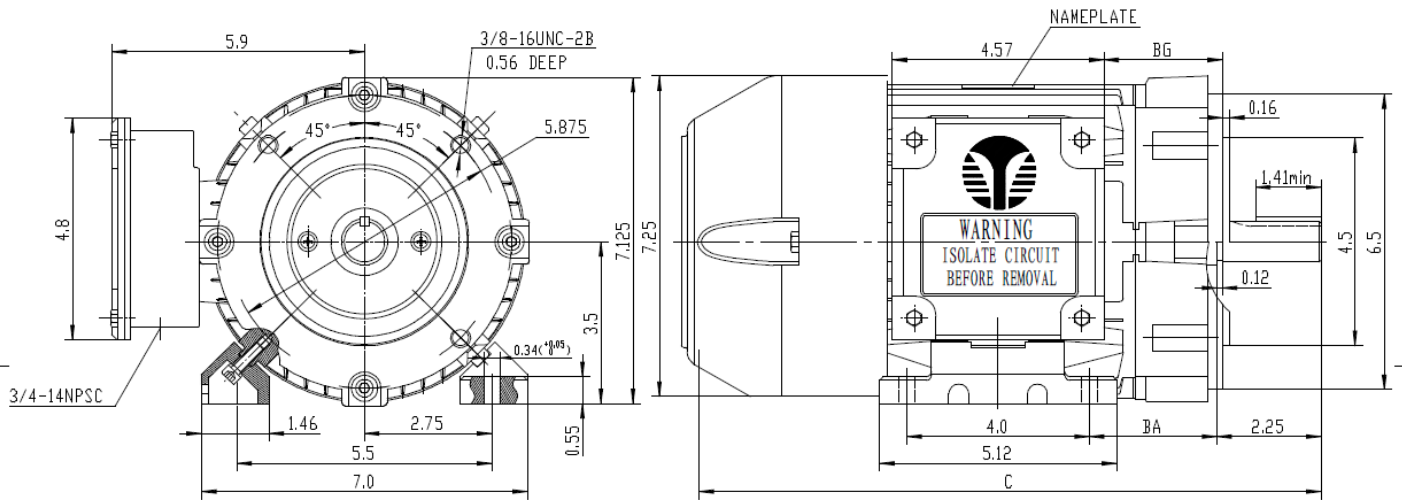
List Price --

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 7 1 </td><td> 5 8 2 </td><td> 6 9 3 </td></tr><tr><td colspan="3">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



Model	BA	BG	C	NO.
143TC	2.75	2.55	13.88	1HMY.010.C051
143KITC	2.25	1.94	13.38	1HMY.010.C052

 ShangHai HIMAK Electrical Machinery CO.,LTD			TEFC 143TC/KITC CFC		
Design	yang	Standard	NO:	1HMY.010.C051-052	
Checker		Allow	STEP MARK	1:2	SORT
Auditing		Date			Cast Iron Motor