



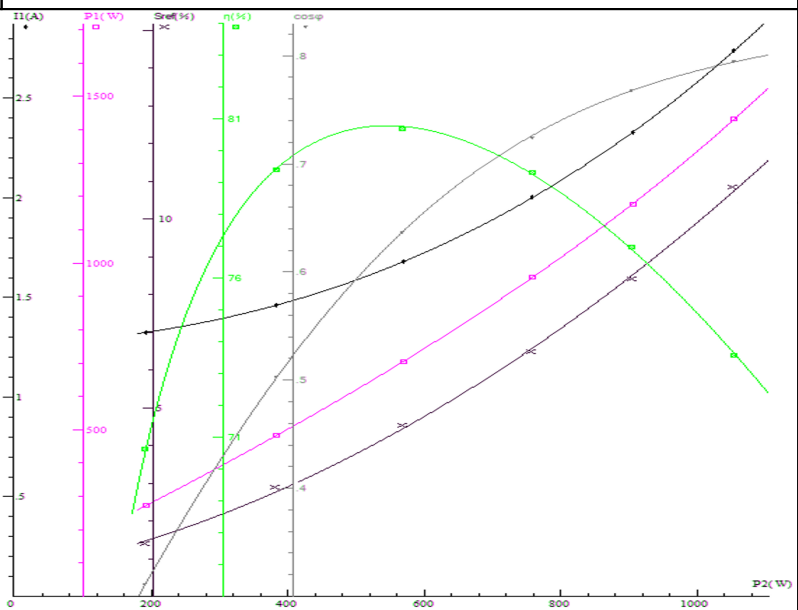
Model Number XR3-CI-TF-145TC-6-B-D-1-190|380-50

MFG PN T145T1U6B

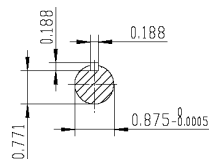
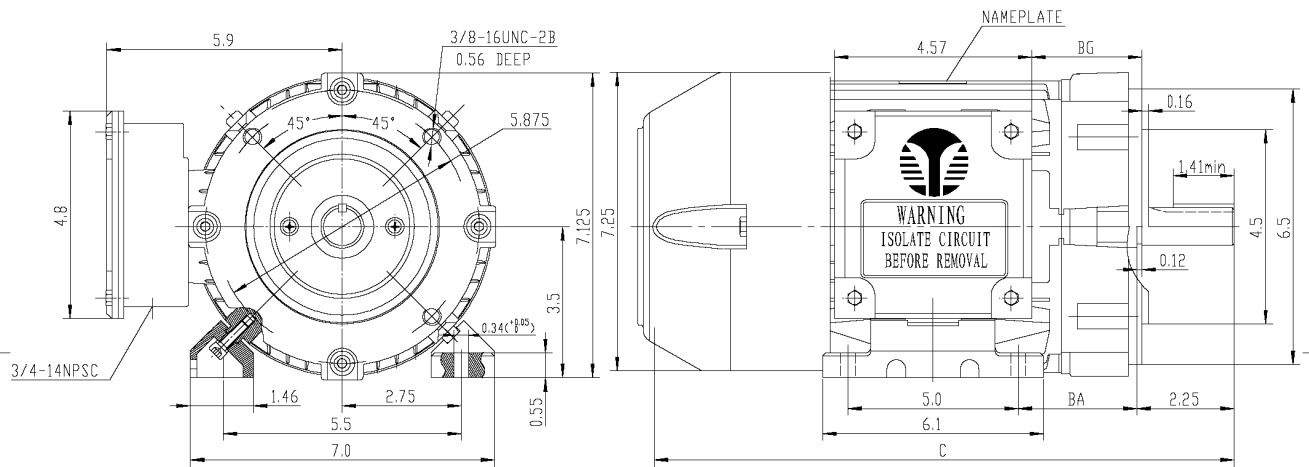
List Price --

All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data				General Data	
Rated Motor Output Power		1 HP		Frame Size	145
Rated Motor Speed		920 r/min		Enclosure	TEFC
Rated Motor Voltage (3 Phase)		190 380-50 Volts - HZ		Approximate Weight	57.8
Rated Motor Current		3.8/1.9 Amps		NEMA Design	BE
Service Factor		1		IP Rating	55
KVA Code		H		Insulation Class	H
Nominal Efficiency		78.9 %		Tropicalization	YES
Nominal Power Factor		0.718 cosθ		Duty	Cont.
Full Load Torque Ft-Lb		5.609448 Ft-Lb		Cable Entry	1.25
Temp Rise @ Full Load °C		22		Feet Removable	YES
Efficiency Level		IE3 - NEMA Premium		Double Drilled	NO
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	188	8.96	Rated Altitude (M)	1000
Breakdown	-	239	-	Coating	7024 - Graphite Grey
Pull Up	-	186	-	Shaft Grounding	YES
125% of FL	910	-	2.41	Brake Voltage (DC)	--
75% of FL	956	-	1.66	Brake Torque (N-M)	--
50% of FL	973	-	1.45	Mechanical Data	
No Load	99.9	-	1.3	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 4 7 1 5 8 2 6 9 3 4 7 1 5 8 2 6 9 3 LOW VOLTAGEHIGH VOLTAGE					
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					

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



Model	BA	BG	C	NO.
145TC	2.75	3.04	14.88	BHMY.010.C053
145KITC	2.25	2.43	14.38	BHMY.010.C054

 ShangHai HIMAK Electrical Machinery CO.,LTD		TEFC 145TC/KITC CFC	
		NO:	1HMY.010.C053-054
Design	yang	Standard	
Checker		Allow	
Auditing		Date	
		STEP MARK	1:2 SORT Cast iron Motor