



Model Number XR3-CI-TF-145T-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)	
Locked Rotor	-	188	8.96	40	
Breakdown	-	239	-	Rated Altitude (M)	
Pull Up	-	186	-	1000	
125% of FL	910	-	2.41	Coating	
75% of FL	956	-	1.66	7024 - Graphite Grey	
50% of FL	973	-	1.45	Shaft Grounding	
No Load	99.9	-	1.3	YES	
				Brake Voltage (DC)	
				--	
				Brake Torque (N-M)	
				--	

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
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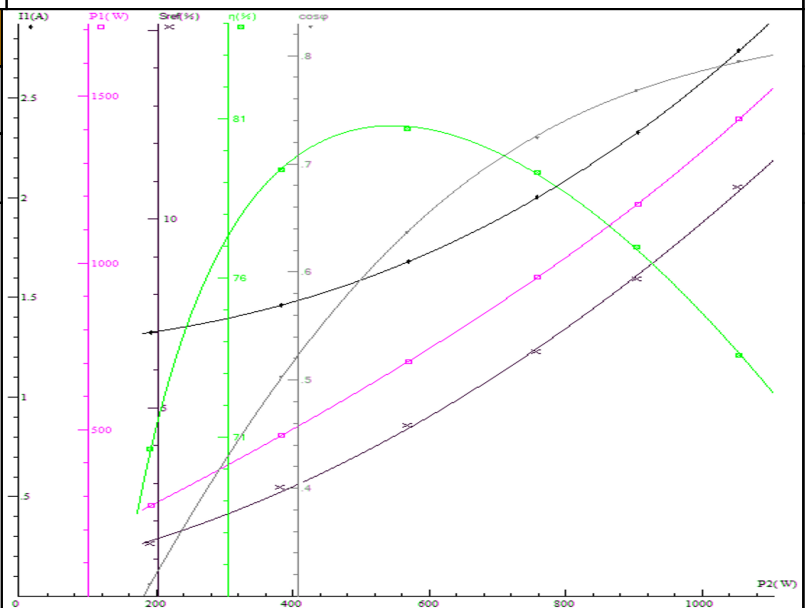
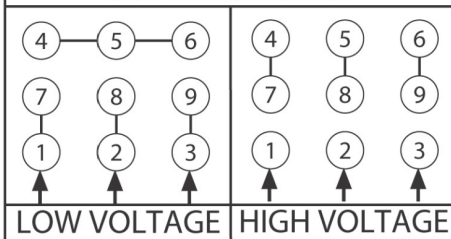
3 Phase - YY/Y - 9 Lead

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

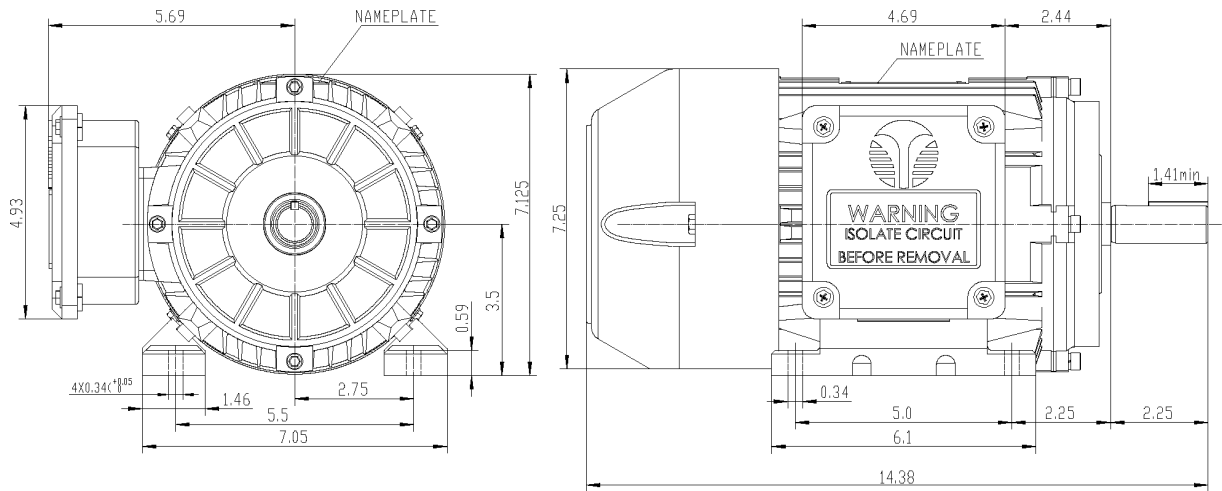
Cast Iron- 1,2,3 Top - 4,5,6,7,8,9 Bottom

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

TXC 145T F1 CFC
NEMA TEFC

NO: CY215.A16.002C

Design		Standard		STEP MARK	1:2	SORT	Cast iron Motor
Checker		Allow					
Auditing		Date					