



Model Number XR3-CI-TF-213T-4-B-D-7.5-190|380-50

MFG PN T213T7.5U4B

List Price --

All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data		General Data	
Rated Motor Output Power	7.5 HP	Frame Size	213
Rated Motor Speed	1450 r/min	Enclosure	TEFC
Rated Motor Voltage (3 Phase)	190 380-50 Volts - HZ	Approximate Weight	161
Rated Motor Current	23.8/11.9 Amps	NEMA Design	BE
Service Factor	1	IP Rating	55
KVA Code	H	Insulation Class	H
Nominal Efficiency	89.6 %	Tropicalization	YES
Nominal Power Factor	0.797 cosθ	Duty	Cont.
Full Load Torque Ft-Lb	26.476152 Ft-Lb	Cable Entry	1.25
Temp Rise @ Full Load °C	62.3	Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium	Double Drilled	NO

Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	
Locked Rotor	-	193	62.99	40	
Breakdown	-	222	-	Rated Altitude (M)	
Pull Up	-	145	-	1000	
125% of FL	1444	-	14.87	Coating	
75% of FL	1471	-	9.41	7024 - Graphite Grey	
50% of FL	1482	-	7.37	Shaft Grounding	
No Load	1496	-	5.13	YES	
				Brake Voltage (DC)	
				--	
				Brake Torque (N-M)	
				--	

Mechanical Data	
Bearing DE Side	6308ZZ
Bearing NDE Side	6308ZZ
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
----------------	-------------------------

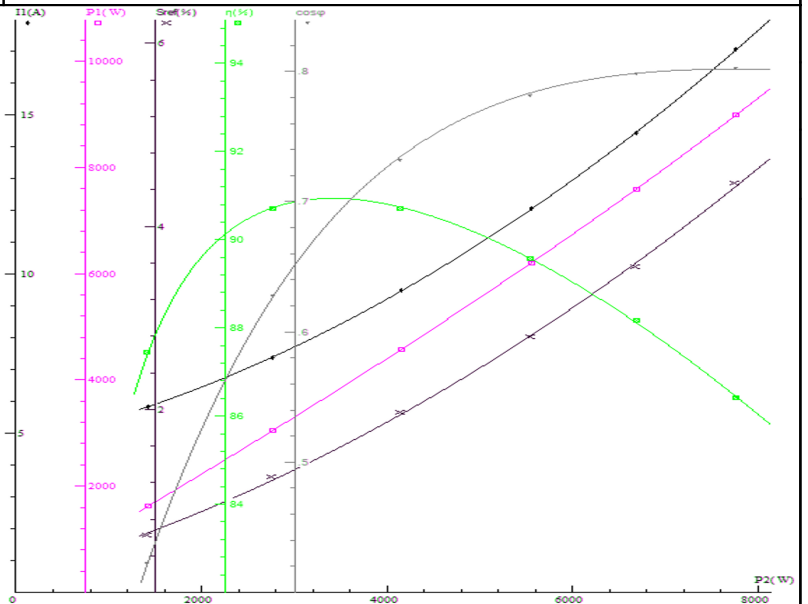
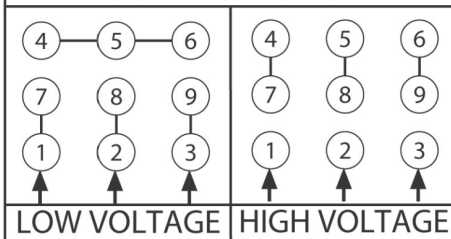
3 Phase - YY/Y - 9 Lead

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

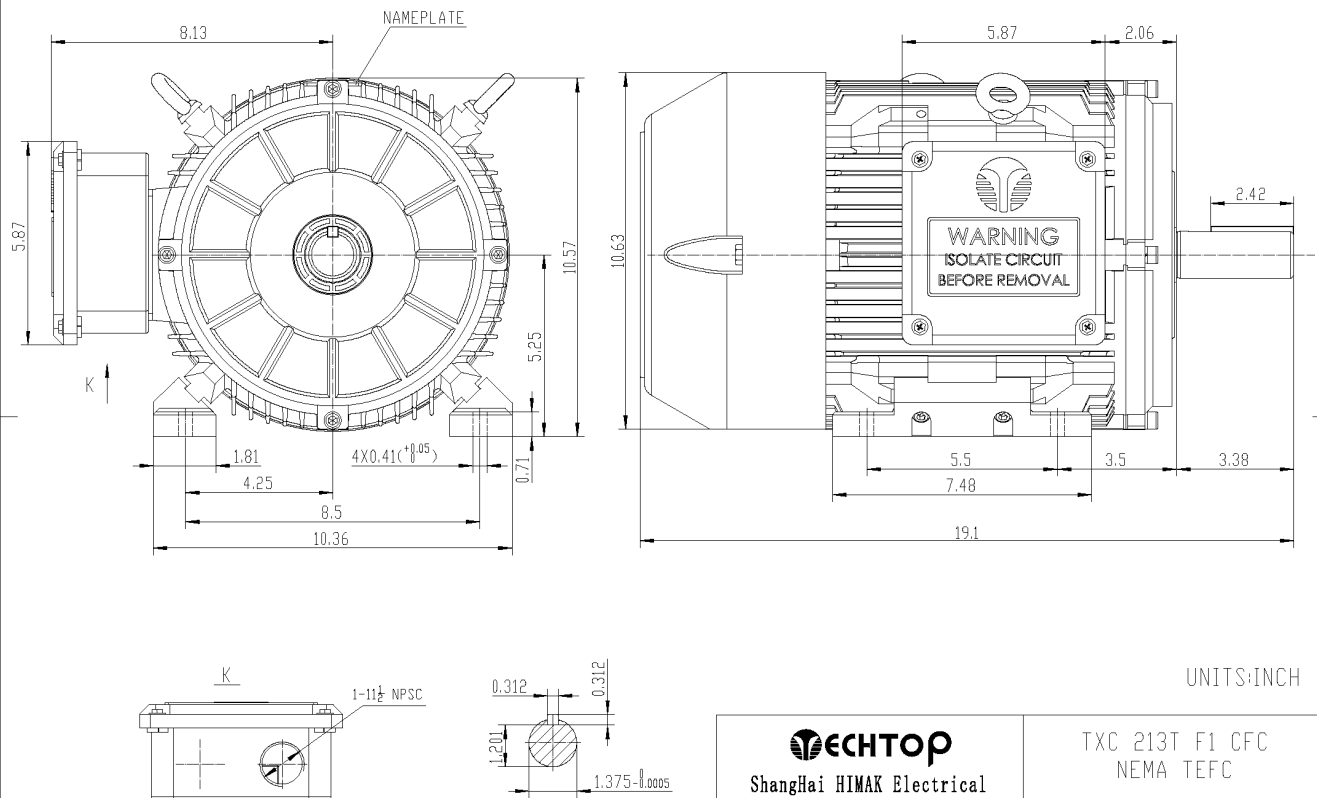
Cast Iron- 1,2,3 Top - 4,5,6,7,8,9 Bottom

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

CONNECTIONS



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



UNITS: INCH

TECHTOP ShangHai HIMAK Electrical Machinery CO., LTD			TXC 213T F1 CFC NEMA TEFC		
Design		Standard		NO:	CY217.A16.001C
Checker		Allow		STEP MARK	1:2.5
Auditing		Date		SORT	Cast iron Motor