



Model Number XR3-CI-TF-182T-6-B-D-1.5-190|380-50

MFG PN T182T1.5U6B

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	182
Rated Motor Speed	970 r/min	Enclosure	TEFC
Rated Motor Voltage (3 Phase)	190 380-50 Volts - HZ	Approximate Weight	99
Rated Motor Current	5.4/2.7 Amps	NEMA Design	BE
Service Factor	1	IP Rating	55
KVA Code	J	Insulation Class	H
Nominal Efficiency	81 %	Tropicalization	YES
Nominal Power Factor	0.777 cosθ	Duty	Cont.
Full Load Torque Ft-Lb	7.9262496 Ft-Lb	Cable Entry	1.25
Temp Rise @ Full Load °C	30.6	Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium	Double Drilled	NO

Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	
Locked Rotor	-	197	16	40	
Breakdown	-	272	-	Rated Altitude (M)	
Pull Up	-	145	-	1000	
125% of FL	962	-	3.17	Coating	
75% of FL	980	-	2.24	7024 - Graphite Grey	
50% of FL	987	-	1.91	Shaft Grounding	
No Load	1000	-	1.6	YES	
				Brake Voltage (DC)	
				--	
				Brake Torque (N-M)	
				--	

Mechanical Data	
Bearing DE Side	6306ZZ
Bearing NDE Side	6306ZZ
Moment of Inertia	-- kg.m2
Noise Level	Per NEMA dB (A)

CT VFD Range	--	Loaded Torque Curves	--
$P_1 = \text{INPUT POWER (KW)}$, $S = \text{Slip (\% of Sync RPM)}$, $\eta = \text{Efficiency (\%)}$, $\cos\phi = \text{Power Factor}$			

Certifications	UL	CSA	DOE
File Numbers	323353	224693	096A

Wiring Diagram	3PH 9 Lead Dual Voltage
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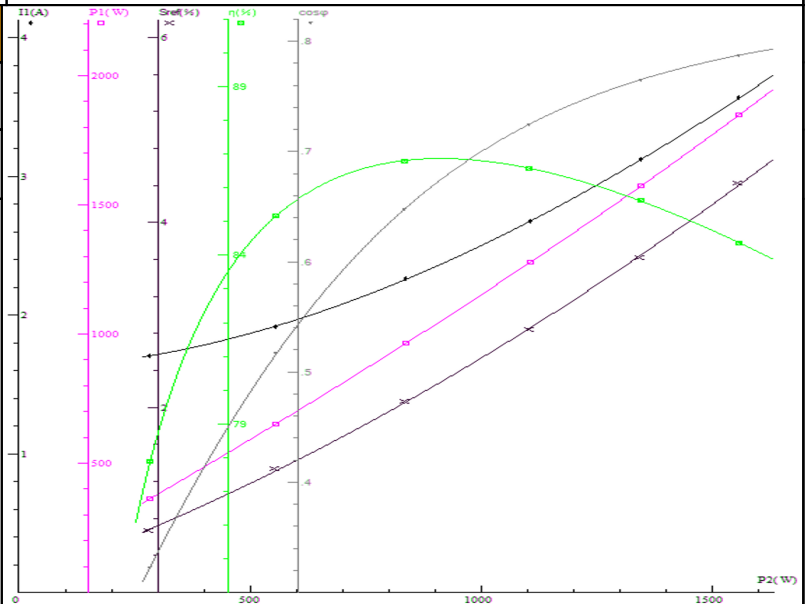
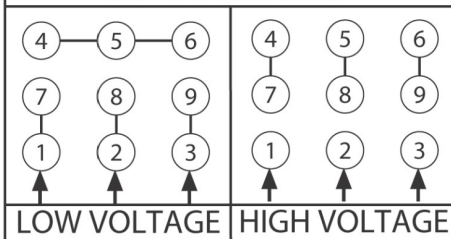
3 Phase - YY/Y - 9 Lead

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

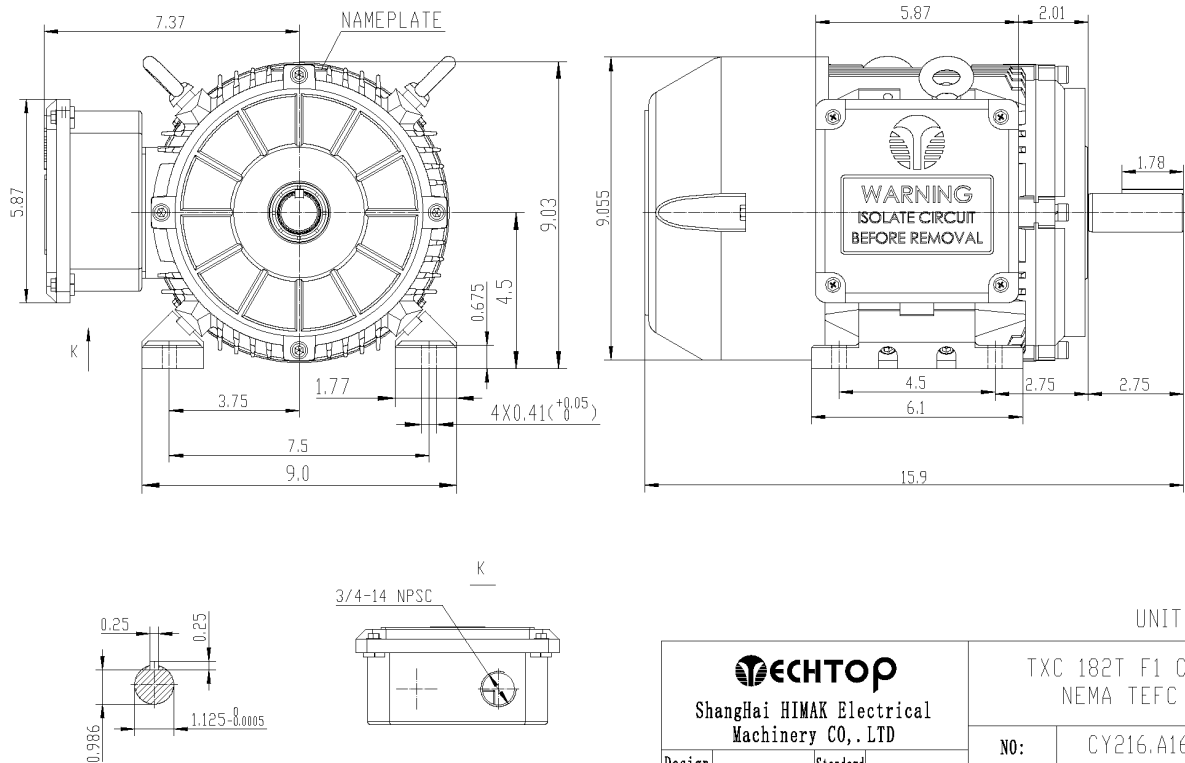
Cast Iron- 1,2,3 Top - 4,5,6,7,8,9 Bottom

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 182T F1 CFC
NEMA TEFC

NO: CY216.A16.001C

Design		Standard		STEP MARK	1:2.5	SORT	Cast iron Motor
Checker		Allow					
Auditing		Date					