



Model NumberXR3-CI-TF-215TC-6-B-D-5-190|380-50

MFG PNT215T5U6B

List Price--

All data shown at HIGH voltage setting

FormatSTD 3 Phase

Electrical Data

General Data

Rated Motor Output Power	5 HP
Rated Motor Speed	965 r/min
Rated Motor Voltage (3 Phase)	190 380-50 Volts - HZ
Rated Motor Current	16.2/8.1 Amps
Service Factor	1
KVA Code	H
Nominal Efficiency	86 %
Nominal Power Factor	0.814 cos θ
Full Load Torque Ft-Lb	27.0795088 Ft-Lb
Temp Rise @ Full Load °C	56.1
Efficiency Level	IE3 - NEMA Premium

Frame Size	215
Enclosure	TEFC
Approximate Weight	172
NEMA Design	BE
IP Rating	55
Insulation Class	H
Tropicalization	YES
Duty	Cont.
Cable Entry	1.25
Feet Removable	YES
Double Drilled	NO

Load Data	RPM	Trq %FL	Current Amps
Locked Rotor	-	193	45.92
Breakdown	-	219	-
Pull Up	-	112	-
125% of FL	950.25	-	10.22
75% of FL	975.56	-	6.35
50% of FL	984.68	-	4.97
No Load	995	-	3.63

Rated Ambient (°C)	40
Rated Altitude (M)	1000
Coating	7024 - Graphite Grey
Shaft Grounding	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)

Hazardous Location	Class 1, Div 2, Grp A,B,C,D
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Loaded Torque Curves

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CT VFD Range

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P_1 = INPUT POWER (KW), S = Slip (% of Sync RPM), η = Efficiency (%), $\cos\phi$ = Power Factor

CertificationsULCSADOE

File Numbers323353224693096A

Wiring Diagram3PH 9 Lead Dual Voltage

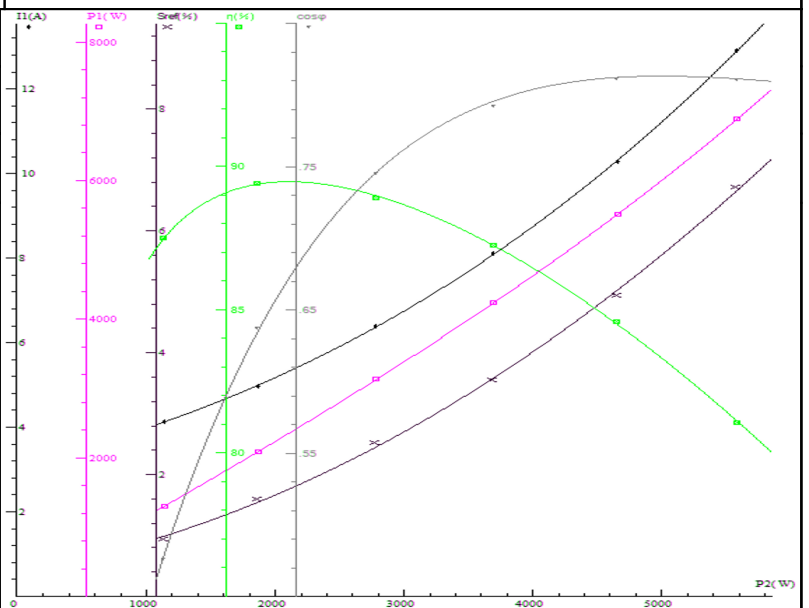
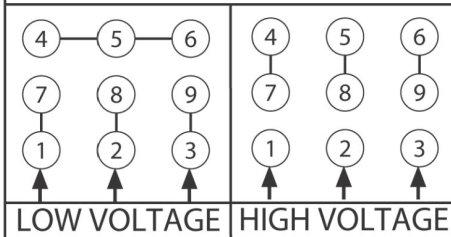
3 Phase - YY/Y - 9 Lead

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

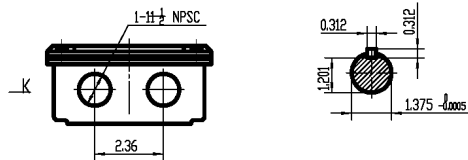
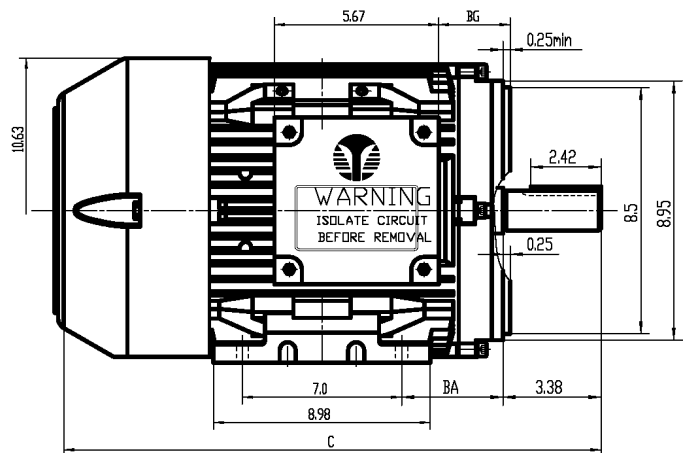
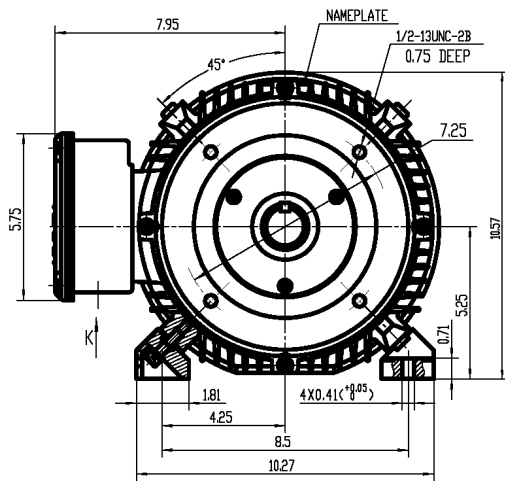
Cast Iron- 1,2,3 Top - 4,5,6,7,8,9 Bottom

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



Model	BA	BG	C	NO.
215 TC	4.25	3.22	21.35	8HMY.010.C061
215 KITC	3.5	2.47	20.6	8HMY.010.C062

 ShangHai HIMAK Electrical Machinery CO.,LTD		TEFC 215TC/KITC CFC	
		NO:	1HMY.010.C061-062
Design	yang	Standard	
Checker		Allow	
Auditing		Date	
		STEP MARK	1:3 SORT Cast Iron Motor