



Model Number XR3-AL-TF-215T-6-B-D-5-190|380-50

MFG PN T 215T5U6B

List Price --

All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data		General Data	
Rated Motor Output Power	5 HP	Frame Size	215
Rated Motor Speed	970 r/min	Enclosure	TEFC
Rated Motor Voltage (3 Phase)	190 380-50 Volts - HZ	Approximate Weight	--
Rated Motor Current	16.3/8.14 Amps	NEMA Design	BE
Service Factor	1.15	IP Rating	55
KVA Code	H	Insulation Class	H
Nominal Efficiency	88.5 %	Tropicalization	YES
Nominal Power Factor	0.78 cos θ	Duty	Cont.
Full Load Torque Ft-Lb	26.9224 Ft-Lb	Cable Entry	1.25
Temp Rise @ Full Load °C	33	Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium	Double Drilled	NO

Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	
Locked Rotor	-	193	48	40	
Breakdown	-	234	-	Rated Altitude (M)	
Pull Up	-	118	-	1000	
125% of FL	999.5	-	12.28	Coating	
75% of FL	999.8	-	6.27	7024 - Graphite Grey	
50% of FL	999.9	-	4.91	Shaft Grounding	
No Load	--	-	3.58	YES	
				Brake Voltage (DC)	
				--	
				Brake Torque (N-M)	
				--	

Class 1, Div 2, Grp A,B,C,D				Mechanical Data	
				Bearing DE Side	6308ZZ
				Bearing NDE Side	6208ZZ
				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 (%), cos ϕ = Power Factor	

Certifications	UL	CSA	DOE
File Numbers	323353	224693	096A
Wiring Diagram	3PH 9 Lead Dual Voltage		

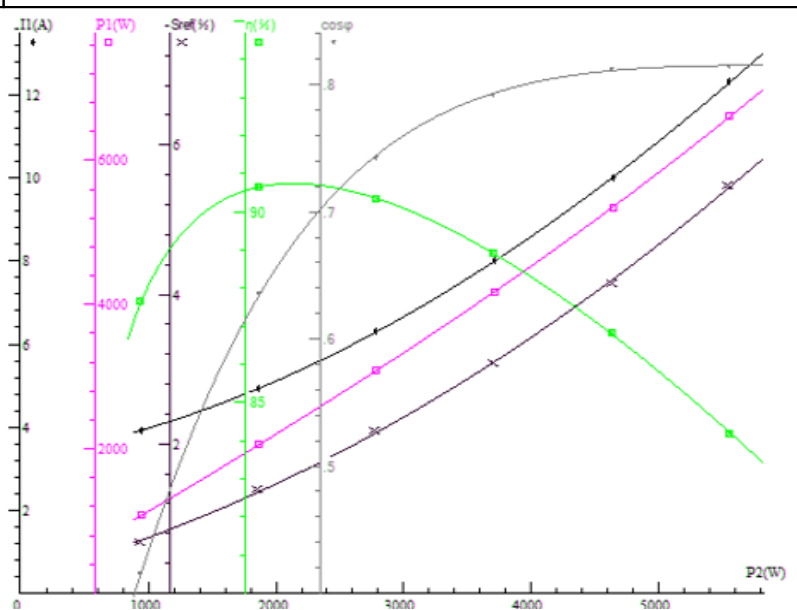
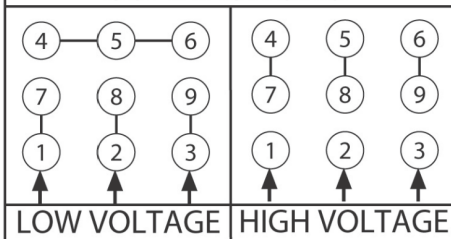
3 Phase - YY/Y - 9 Lead

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

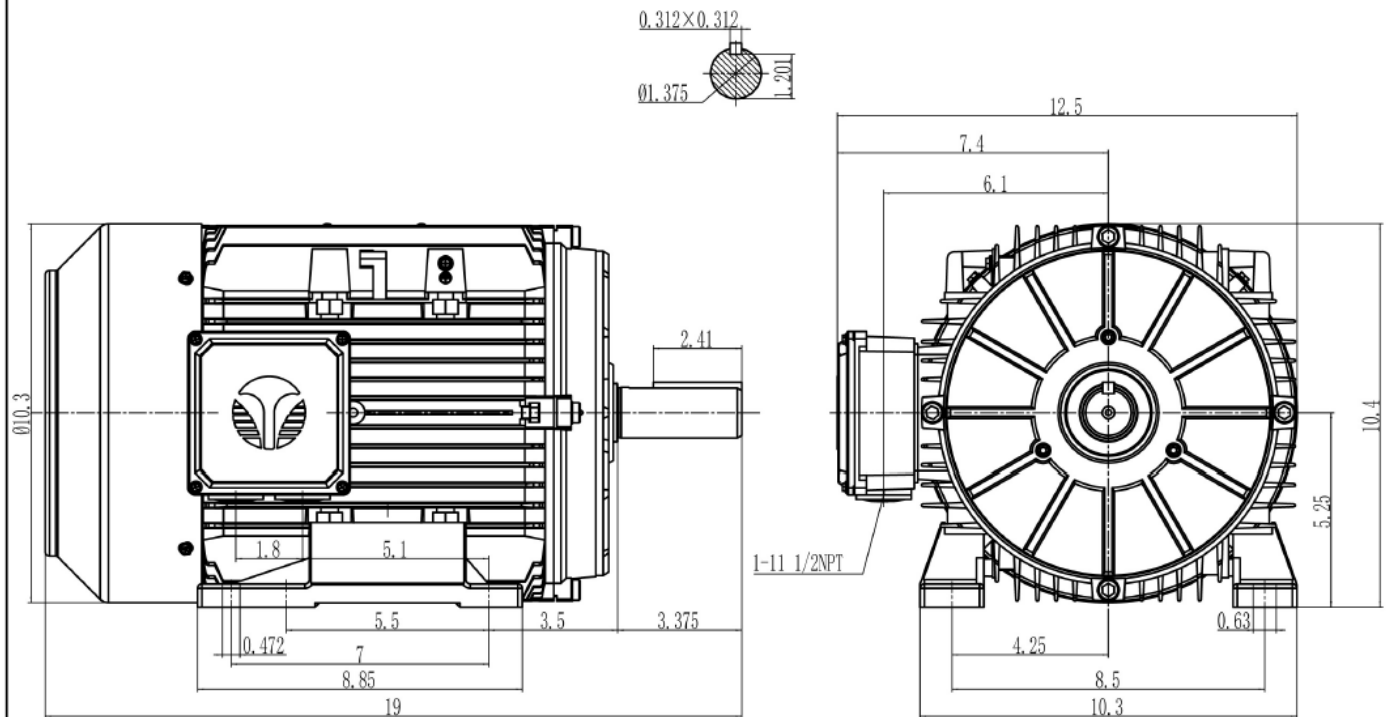
Aluminum - 4,5,6,8,9 Top - 1,2,3,7 Bottom

CONNECTIONS



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

FRAME: HP: RPM: PHASE: VOLT: ENCL: FREQ: FLA: LRA:



MODEL: NEMA210T
REV.DISC:

SCALE: 1:2.5

DATE:

UNITS:

VERSION:

REVISED:

BY:

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