



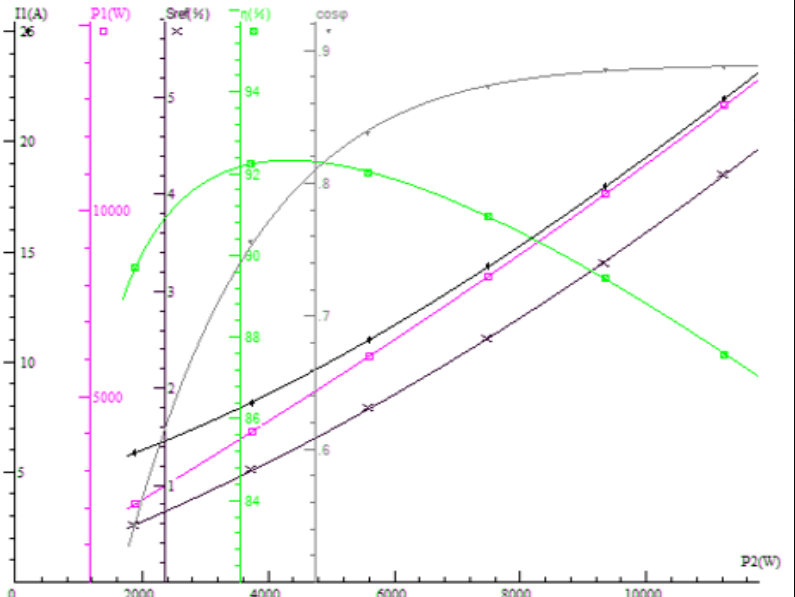
Model Number XR3-AL-TF-215TC-4-B-D-10-190|380-50

MFG PN T 215T10U4B

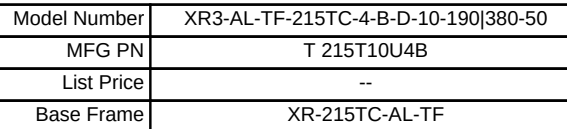
List Price --

All data shown at HIGH voltage setting

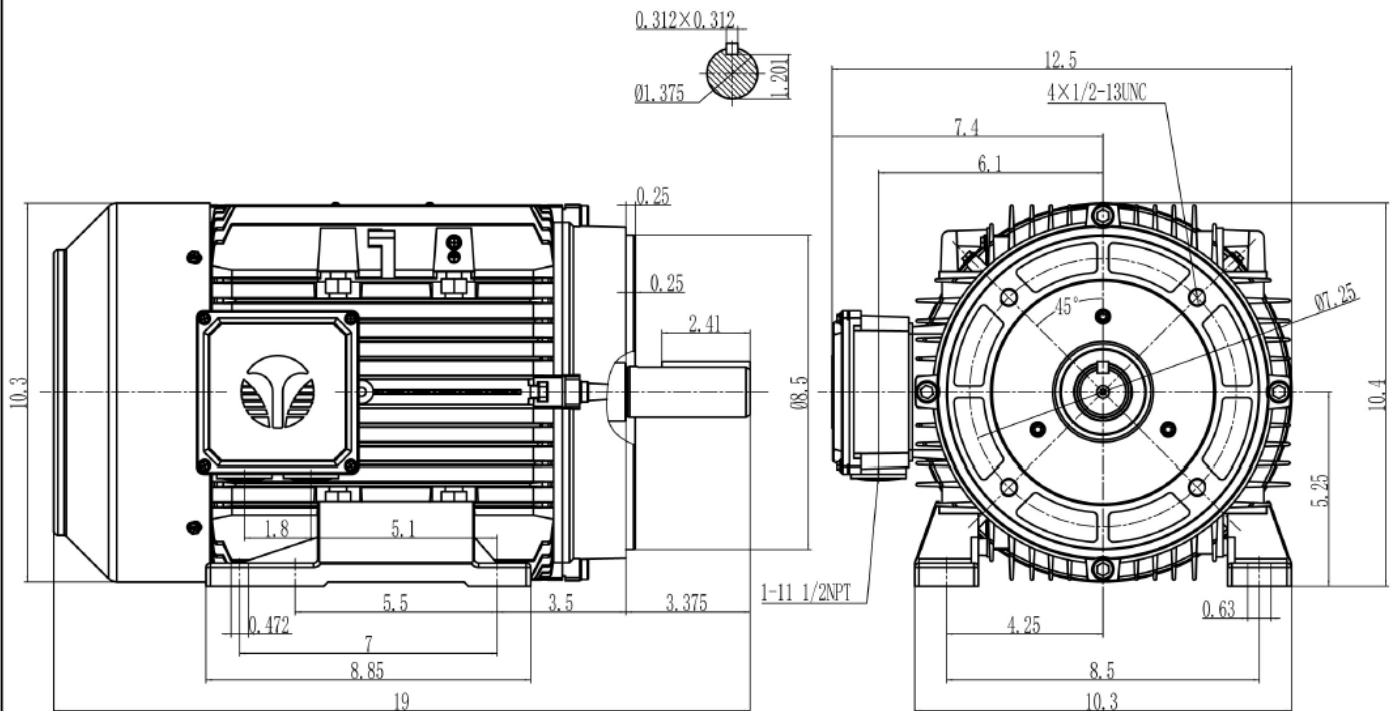
Format STD 3 Phase

Electrical Data				General Data	
Rated Motor Output Power		10 HP		Frame Size	215
Rated Motor Speed		1450 r/min		Enclosure	TEFC
Rated Motor Voltage (3 Phase)		190 380-50 Volts - HZ		Approximate Weight	148.3
Rated Motor Current		32/16 Amps		NEMA Design	BE
Service Factor		1.15		IP Rating	55
KVA Code		H		Insulation Class	H
Nominal Efficiency		90.4 %		Tropicalization	YES
Nominal Power Factor		0.784 cosθ		Duty	Cont.
Full Load Torque Ft-Lb		36.21616 Ft-Lb		Cable Entry	1.25
Temp Rise @ Full Load °C		45		Feet Removable	YES
Efficiency Level		IE3 - NEMA Premium		Double Drilled	NO
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	245	125	Rated Altitude (M)	1000
Breakdown	-	307	-	Coating	7024 - Graphite Grey
Pull Up	-	177	-	Shaft Grounding	YES
125% of FL	1499.4	-	21.98	Brake Voltage (DC)	--
75% of FL	1499.7	-	11.04	Brake Torque (N-M)	--
50% of FL	1499.8	-	8.19	Mechanical Data	
No Load	--	-	4.9	Bearing DE Side	6205ZZ
Hazardous Location	Class 1, Div 2, Grp A,B,C,D			Bearing NDE Side	6208ZZ
				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 4 7 1 5 8 2 6 9 3 4 7 1 5 8 2 6 9 3 LOW VOLTAGEHIGH VOLTAGE					

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



FRAME:	HP:	RPM:	PHASE:	VOLT:	ENCL:	FREQ:	FLA:	LRA:
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MODEL:	NEMA210TC
REV.DESC:	

SCALE: 1:2.5

DATE:

UNITS:

VERSION:

REVISÉ:

BY:

WWW.TECHTOPIND.COM

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