



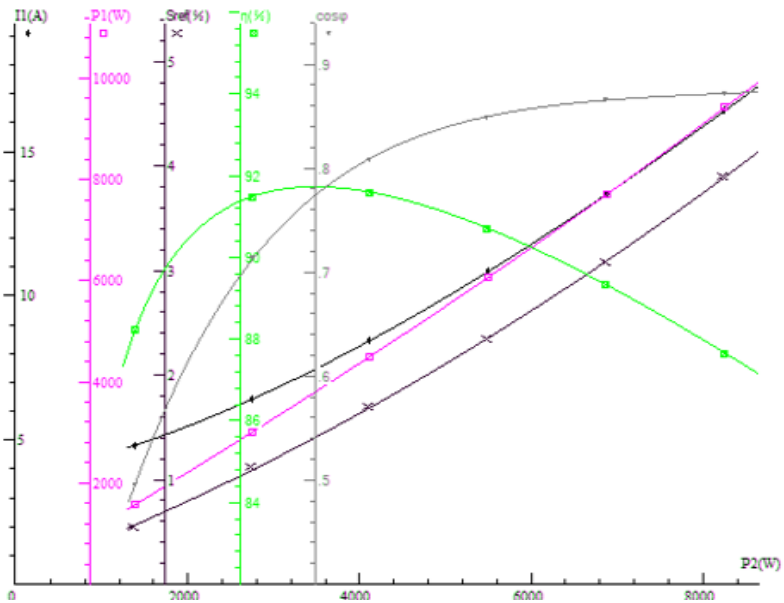
Model Number XR3-AL-TF-213T-4-B-D-7.5-190|380-50

MFG PN T 213T7.5U4B

List Price --

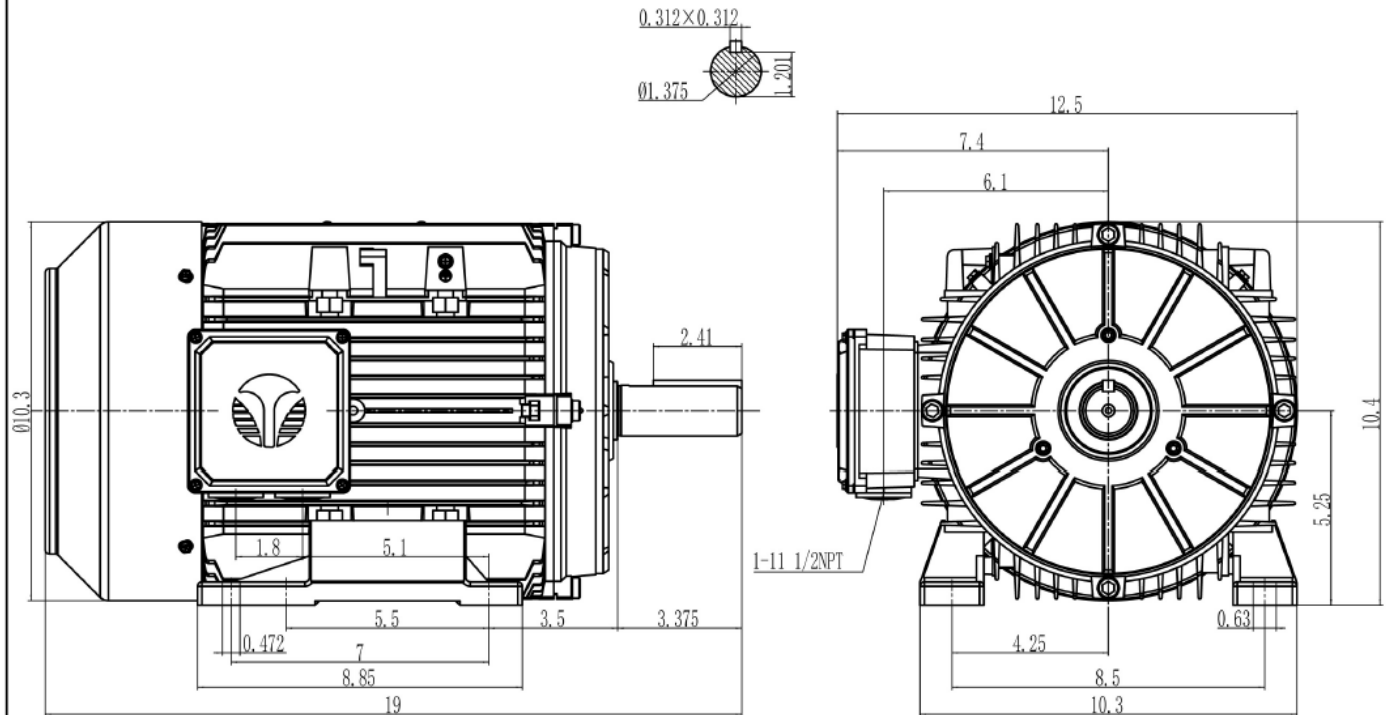
All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data				General Data	
Rated Motor Output Power		7.5 HP		Frame Size	213
Rated Motor Speed		1470 r/min		Enclosure	TEFC
Rated Motor Voltage (3 Phase)		190 380-50 Volts - HZ		Approximate Weight	128.28
Rated Motor Current		22.5/11.2 Amps		NEMA Design	BE
Service Factor		1.15		IP Rating	55
KVA Code		K		Insulation Class	H
Nominal Efficiency		89.6 %		Tropicalization	YES
Nominal Power Factor		0.83 cosθ		Duty	Cont.
Full Load Torque Ft-Lb		26.5536 Ft-Lb		Cable Entry	1.25
Temp Rise @ Full Load °C		37		Feet Removable	YES
Efficiency Level		IE3 - NEMA Premium		Double Drilled	NO
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	268	94	Rated Altitude (M)	1000
Breakdown	-	300	-	Coating	7024 - Graphite Grey
Pull Up	-	149	-	Shaft Grounding	YES
125% of FL	1499.4	-	16.4	Brake Voltage (DC)	--
75% of FL	1499.7	-	8.45	Brake Torque (N-M)	--
50% of FL	1499.8	-	6.41	Mechanical Data	
No Load	--	-	4.15	Bearing DE Side	6308ZZ
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)
CT VFD Range		--	Loaded Torque Curves		--
			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 5 6 7 8 9 1 2 3 LOW VOLTAGE 4 5 6 7 8 9 1 2 3 HIGH VOLTAGE					

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:

WWW.TECHTOPIND.COM