



Model Number	XR3-AL-TF-213T-2-B-D-7.5-190 380-50
MFG PN	T 213T7.5U2B
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	2930 r/min	Enclosure	TEFC
Rated Motor Voltage (3 Phase)	190 380-50 Volts - HZ	Approximate Weight	128.28
Rated Motor Current	20.4/10.2 Amps	NEMA Design	BE
Service Factor	1.15	IP Rating	55
KVA Code	J	Insulation Class	H
Nominal Efficiency	89.2 %	Tropicalization	YES
Nominal Power Factor	0.92 cos ϕ	Duty	Cont.
Full Load Torque Ft-Lb	13.2768 Ft-Lb	Cable Entry	1.25
Temp Rise @ Full Load °C	36	Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium	Double Drilled	NO

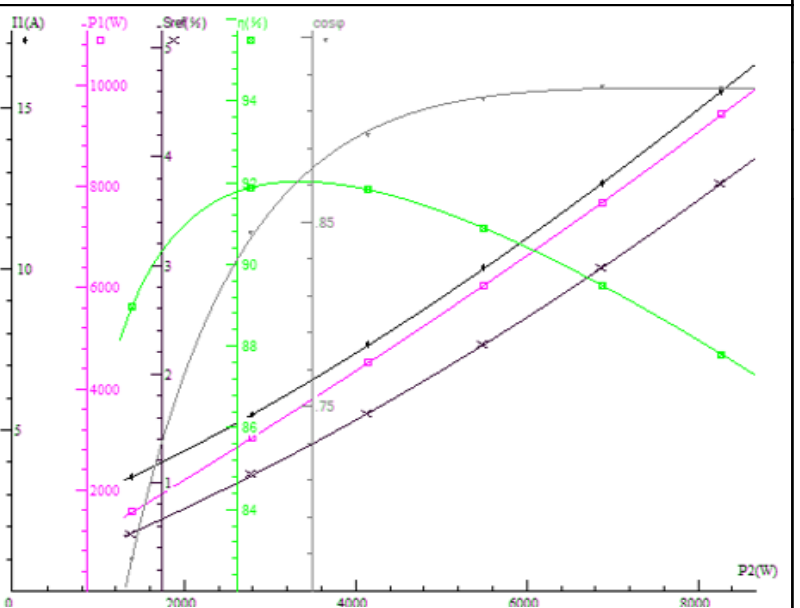
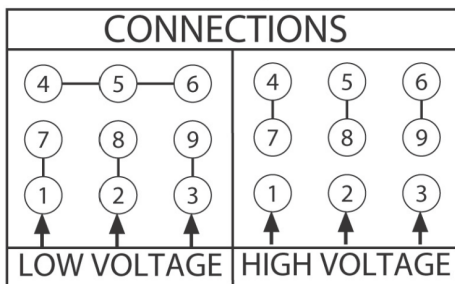
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	
Locked Rotor	-	231	87	40	
Breakdown	-	338	-	Rated Altitude (M)	
Pull Up	-	182	-	1000	
125% of FL	2998.9	-	15.47	Coating	
75% of FL	2999.5	-	7.59	7024 - Graphite Grey	
50% of FL	2999.7	-	5.41	Shaft Grounding	
No Load	--	-	2.6	YES	

Hazardous Location	Class 1, Div 2, Grp A,B,C,D			Mechanical Data	
				Bearing DE Side	6308ZZ
				Bearing NDE Side	6208ZZ
				Moment of Inertia	-- kg.m2

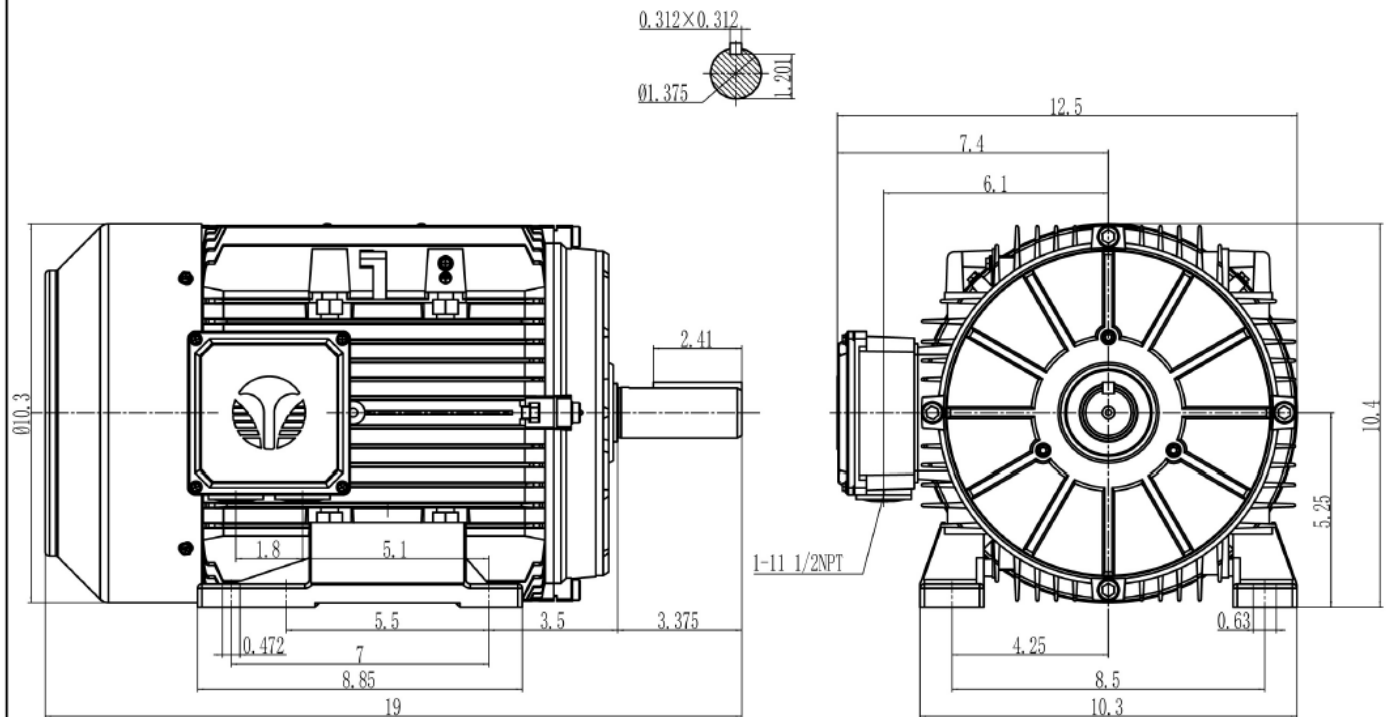
CT VFD Range		--	Loaded Torque Curves	
			P1 = INPUT POWER (KW), S = Slip (% of Sync RPM), η = Efficiency (%), cos ϕ = Power Factor	

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



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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