



Model Number	XR3-AL-OP-213T-4-B-D-7.5-190 380-50
MFG PN	TDA213T7.5U4B
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	ODP
Rated Motor Voltage (3 Phase)	190 380-50 Volts - HZ	Approximate Weight	--
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 cos θ	Duty	Cont.
Full Load Torque Ft-Lb	35.9 Ft-Lb	Cable Entry	1.25
Temp Rise @ Full Load °C	62.3	Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium	Double Drilled	NO

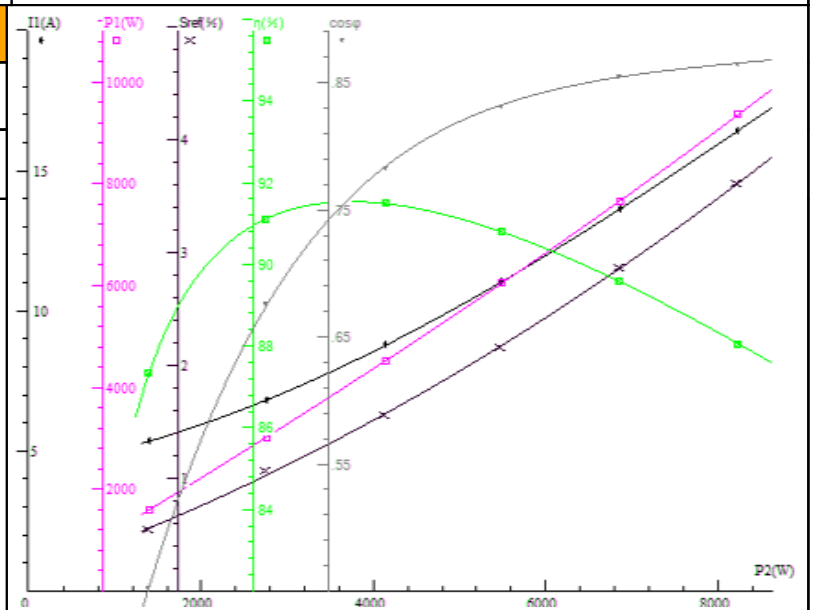
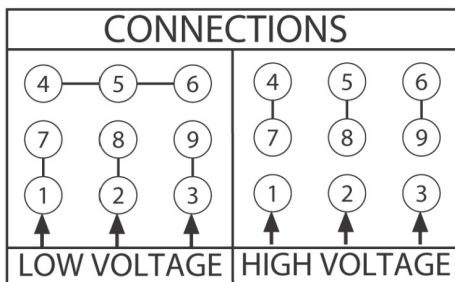
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	
Locked Rotor	-	268	94	Rated Altitude (M)	1000
Breakdown	-	300	-	Coating	7024 - Graphite Grey
Pull Up	-	149	-	Shaft Grounding	YES
125% of FL	1499.4	-	16.4	Brake Voltage (DC)	--
75% of FL	1499.7	-	8.7	Brake Torque (N-M)	--
50% of FL	1499.8	-	6.8	Mechanical Data	
No Load	--	-	4.7	Bearing DE Side	6312 C3

Hazardous Location	--	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		

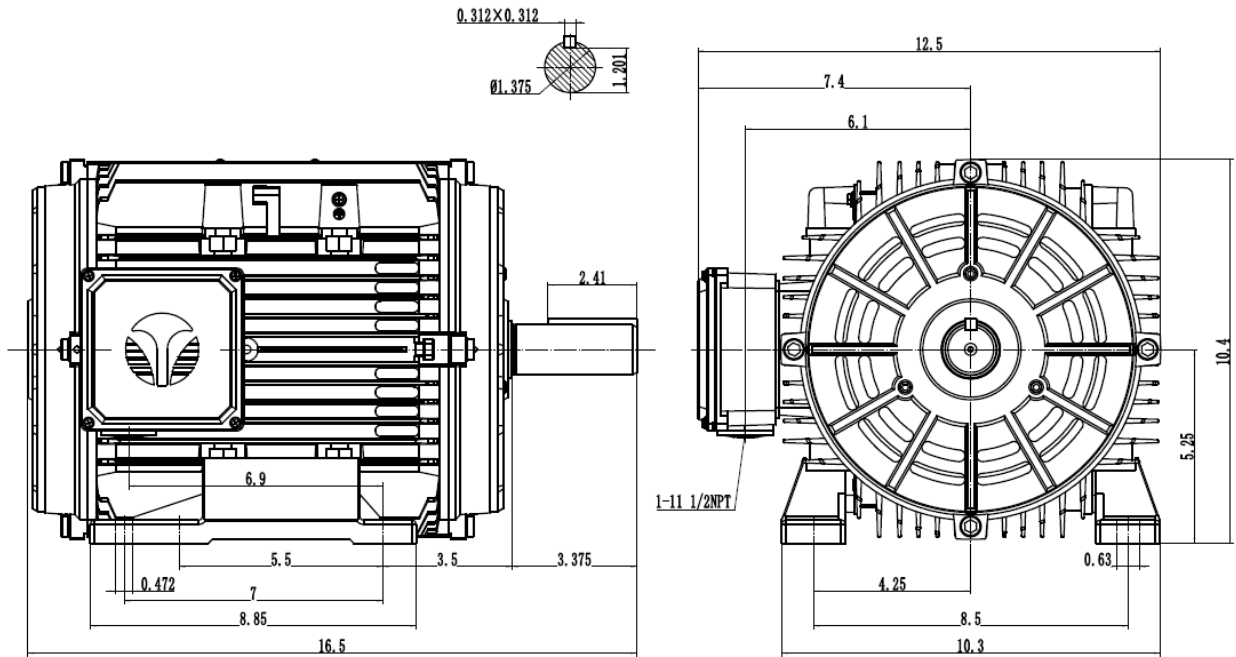
3 Phase - YY/Y - 9 Lead
 4,1 Blue / 5,2 White / 6,3 Org / 7 Yl / 8 Blk / 9 RD
 Cast Iron- 1,2,3 Top - 4,5,6,7,8,9 Bottom
 Aluminum - 4,5,6,8,9 Top - 1,2,3,7 Bottom





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List Price	--
Base Frame	XR-213T-AL-OP

FRAME:	HP:	RPM:	PHASE:	VOLT:	ENCL:	FREQ:	FLA:	LRA:
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MODEL:	NEMA210T	SCALE:	1:1	DATE:	UNITS:
REV. DESC:		VERSION:		REVISED:	BY:
					WWW.TECHTOP.COM

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