



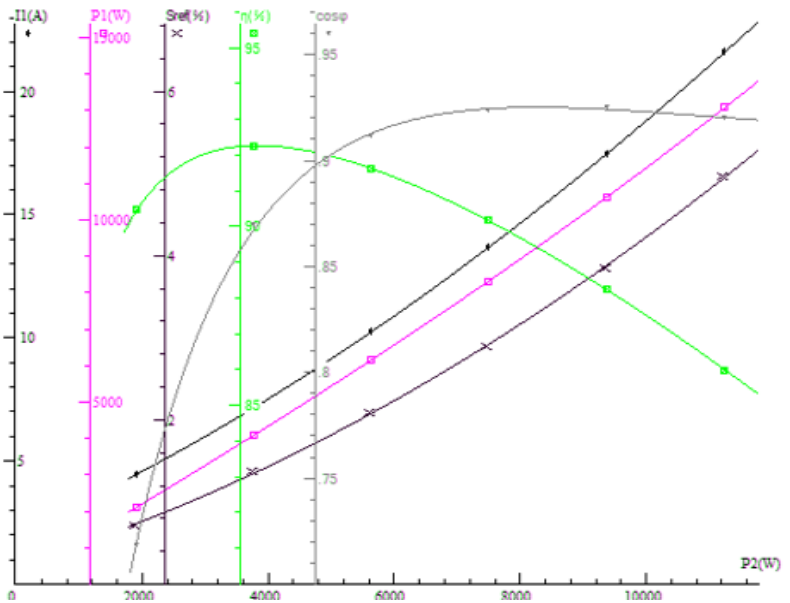
Model Number XR3-AL-TF-215JP-2-B-D-10-190|380-50

MFG PN T 215T10U2B

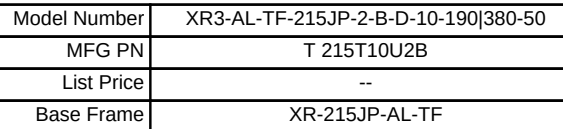
List Price --

All data shown at HIGH voltage setting

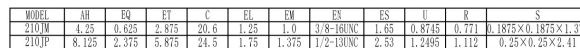
Format STD 3 Phase

Electrical Data				General Data																							
Rated Motor Output Power		10 HP		Frame Size	215																						
Rated Motor Speed		2915 r/min		Enclosure	TEFC																						
Rated Motor Voltage (3 Phase)		190 380-50 Volts - HZ		Approximate Weight	135.1																						
Rated Motor Current		27.5/13.7 Amps		NEMA Design	BE																						
Service Factor		1.15		IP Rating	55																						
KVA Code		J		Insulation Class	H																						
Nominal Efficiency		90.1 %		Tropicalization	YES																						
Nominal Power Factor		0.92 cosθ		Duty	Cont.																						
Full Load Torque Ft-Lb		18.0712 Ft-Lb		Cable Entry	1.25																						
Temp Rise @ Full Load °C		44		Feet Removable	YES																						
Efficiency Level		IE3 - NEMA Premium		Double Drilled	NO																						
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40																						
Locked Rotor	-	251	110	Rated Altitude (M)	1000																						
Breakdown	-	345	-	Coating	7024 - Graphite Grey																						
Pull Up	-	173	-	Shaft Grounding	YES																						
125% of FL	2998.8	-	20.84	Brake Voltage (DC)	--																						
75% of FL	2999.5	-	10.07	Brake Torque (N-M)	--																						
50% of FL	2999.7	-	7.07	Mechanical Data																							
No Load	--	-	3.1	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 <table><tr><td>4</td><td>5</td><td>6</td></tr><tr><td>7</td><td>8</td><td>9</td></tr><tr><td>1</td><td>2</td><td>3</td></tr><tr><td>↑</td><td>↑</td><td>↑</td></tr></table> LOW VOLTAGE <table><tr><td>4</td><td>5</td><td>6</td></tr><tr><td>7</td><td>8</td><td>9</td></tr><tr><td>1</td><td>2</td><td>3</td></tr><tr><td>↑</td><td>↑</td><td>↑</td></tr></table> HIGH VOLTAGE						4	5	6	7	8	9	1	2	3	↑	↑	↑	4	5	6	7	8	9	1	2	3	↑
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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: NEMA210JW-JP	SCALE: 1:2.5	DATE:	UNITS:	
	REV.DESC:	VERSION:	REVISED:	BY:	WWW.TECHTOP.COM

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