



Model Number GR3-AL-TF-215JM-4-B-D-10-230|460-60

MFG PN TFC215T10U4B

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	1750 r/min	Enclosure	TEFC
Rated Motor Voltage (3 Phase)	230 460-60 Volts - HZ	Approximate Weight	176
Rated Motor Current	23.8/11.9 Amps	NEMA Design	A
Service Factor	1.25	IP Rating	55
KVA Code	J	Insulation Class	F
Nominal Efficiency	91.7 %	Tropicalization	YES
Nominal Power Factor	0.86 cosθ	Duty	Cont.
Full Load Torque Ft-Lb	38.3552 Ft-Lb	Cable Entry	1.25
Temp Rise @ Full Load °C	51.3	Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium	Double Drilled	NO

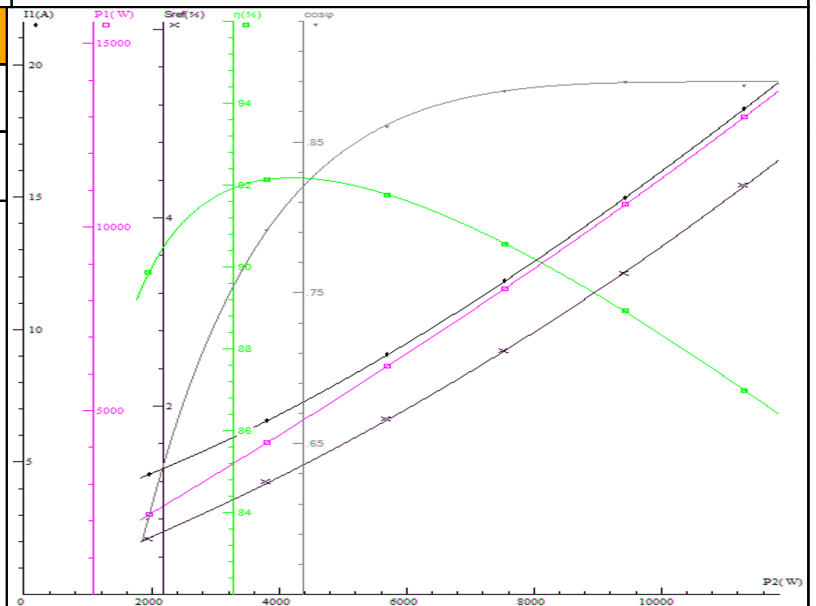
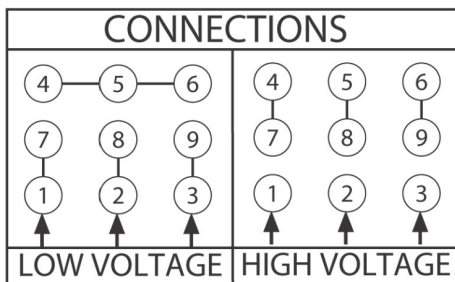
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	
Locked Rotor	-	212	93.82	40	
Breakdown	-	269	-	Rated Altitude (M)	
Pull Up	-	101	-	1000	
125% of FL	1779	-	14.87	Coating	
75% of FL	1767	-	8.94	7024 - Graphite Grey	
50% of FL	1779	-	6.48	Shaft Grounding	
No Load	1795	-	3.67	NO	
				Mechanical Data	
				Bearing DE Side	6308ZZ
				Bearing NDE Side	6308ZZ
				Moment of Inertia	kg.m2
				Noise Level	Per NEMA dB (A)

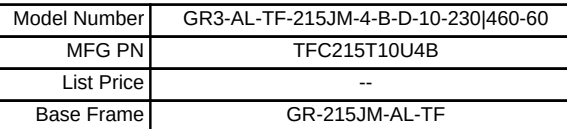
Hazardous Location	Class 1, Div 2, Grp A,B,C,D				
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CT VFD Range		--	Loaded Torque Curves	
			P1 = INPUT POWER (KW), S = Slip (% of Sync RPM), η = Efficiency (%), cosφ = Power Factor	

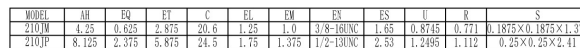
Certifications	UL	CSA	DOE
File Numbers	323353	224693	096A
Wiring Diagram	3PH 9 Lead Dual Voltage		

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





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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