



Model Number GR3-AL-TF-215JM-2-B-D-15-230|460-60

MFG PN T215T15U2B

List Price --

All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data

General Data

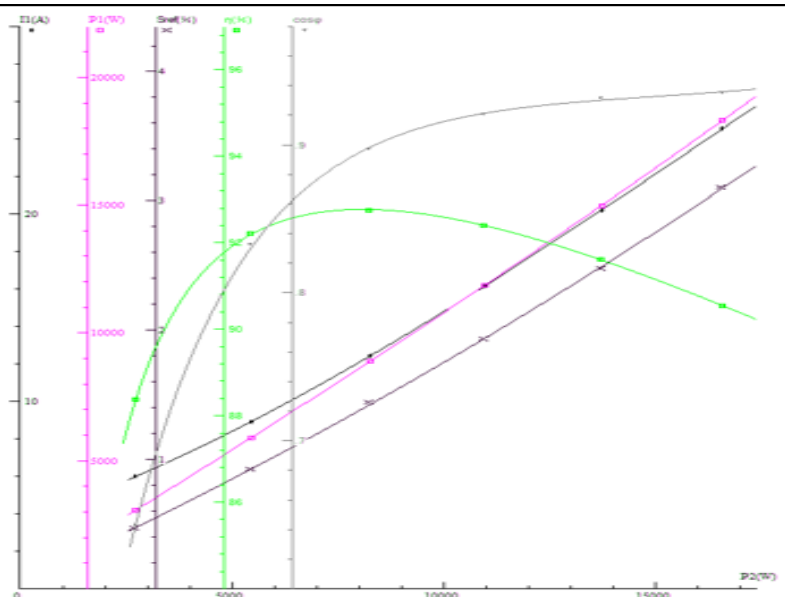
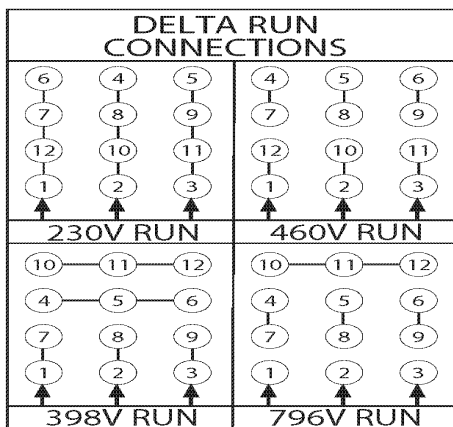
Rated Motor Output Power	15 HP	Frame Size	215
Rated Motor Speed	3535 r/min	Enclosure	TEFC
Rated Motor Voltage (3 Phase)	230 460-60 Volts - HZ	Approximate Weight	149.6
Rated Motor Current	22.8/11.4 Amps	NEMA Design	A
Service Factor	1.25	IP Rating	55
KVA Code	L	Insulation Class	F
Nominal Efficiency	91.7 %	Tropicalization	YES
Nominal Power Factor	0.9 cosθ	Duty	Cont.
Full Load Torque Ft-Lb	22.0313744 Ft-Lb	Cable Entry	1.25
Temp Rise @ Full Load °C	53	Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium	Double Drilled	NO

Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	357	186.4	Rated Altitude (M)	1000
Breakdown	-	476	-	Coating	7024 - Graphite Grey
Pull Up	-	78	-	Shaft Grounding	Yes
125% of FL	3510.1	-	20.255	Brake Voltage (DC)	--
75% of FL	3548.7	-	12.442	Brake Torque (N-M)	--
50% of FL	3566.3	-	8.9919	Mechanical Data	
No Load	--	-	4.591		

Hazardous Location	Class 1, Div 2, Grp A,B,C,D			Bearing DE Side	6309 C3
				Bearing NDE Side	6309 C3
				Moment of Inertia	-- kg.m2
				Noise Level	Per NEMA dB (A)

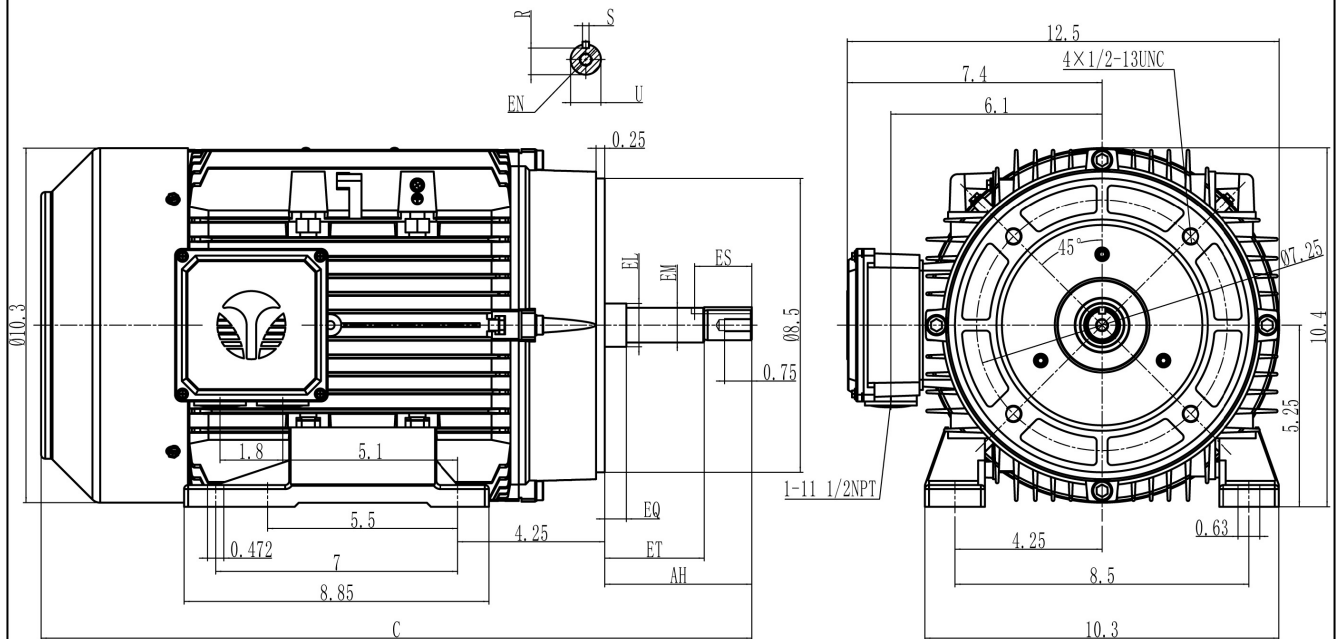
CT VFD Range	--	Loaded Torque Curves	--
P1 = INPUT POWER (KW), S = Slip (% of Sync RPM), η = Efficiency (%), cosφ = Power Factor			

Certifications	UL	CSA	DOE
File Numbers	323353	224693	096A
Wiring Diagram	3PH 12 Lead Dual Voltage		



Techtop Industries -2815 Colonnades Court - Peachtree Corners, GA 30071 - Phone: (678) 436-5540

FRAME: HP: RPM: PHASE: VOLT: ENCL: FREQ: FLA: LRA:



MODEL	AH	EQ	ET	C	EL	EM	EN	ES	U	R	S
2101W	4.25	0.625	2.875	20.6	1.25	1.0	3/8-16UNC	1.65	0.8745	0.771	0.1875x0.1875x1.375
2101P	8.125	2.375	5.875	24.5	1.75	1.375	1/2-13UNC	2.53	1.2495	1.112	0.25x0.25x2.41



MODEL: NEMA210JM-JP
REV.DISC:

SCALE: 1:2.5

DATE:

UNITS:

VERSION:

REVISED:

BY:

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