



Model Number	GR3-CI-TF-225MB3-4-BR-D-75-230 460-60
MFG PN	T 225M2-4
List Price	--

All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data		General Data	
Rated Motor Output Power	75 HP	Frame Size	225
Rated Motor Speed	1780 r/min	Enclosure	TEFC
Rated Motor Voltage (3 Phase)	230 460-60 Volts - HZ	Approximate Weight	829.4
Rated Motor Current	167.2/83.6 Amps	NEMA Design	A
Service Factor	1.15	IP Rating	55
KVA Code	G	Insulation Class	F
Nominal Efficiency	95.4 %	Tropicalization	YES
Nominal Power Factor	0.88 cos ϕ	Duty	Cont.
Full Load Torque Ft-Lb	224.2304 Ft-Lb	Cable Entry	M50 X 1.5
Temp Rise @ Full Load °C	62.5	Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium	Double Drilled	NO

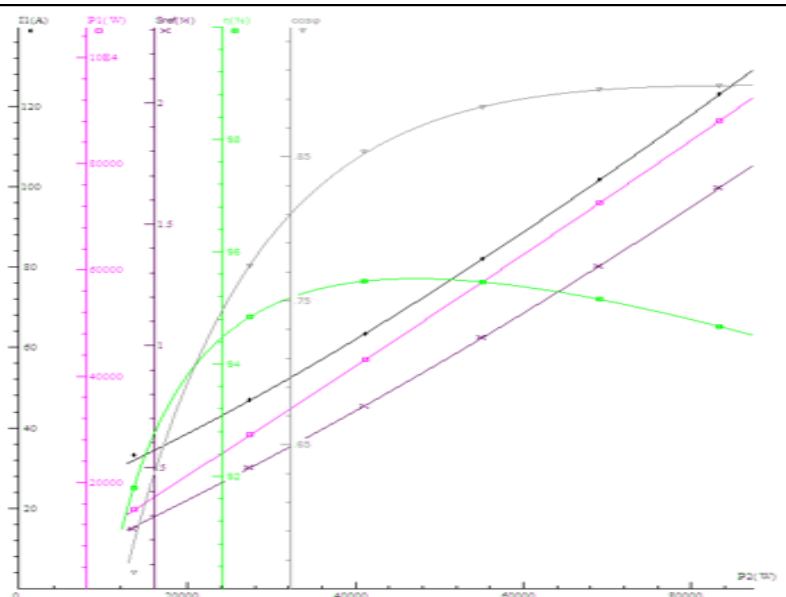
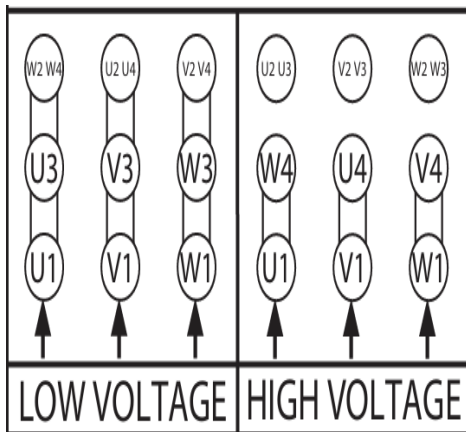
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	
Locked Rotor	-	328	829.5	Rated Altitude (M)	1000
Breakdown	-	297	-	Coating	7024 - Graphite Grey
Pull Up	-	165	-	Shaft Grounding	NO
125% of FL	1776	-	102.6	Brake Voltage (DC)	--
75% of FL	1786	-	64.35	Brake Torque (N-M)	--
50% of FL	1791	-	47.41	Mechanical Data	
No Load	--	-	27.82	Bearing DE Side	6313 C3

Hazardous Location	Class 1, Div 2, Grp A,B,C,D		Bearing NDE Side	6313 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 (%), cos ϕ = Power Factor			

Certifications	UL	CSA	DOE
File Numbers	323353	224693	096A

Wiring Diagram	3PH 12 Lead IEC Dual Voltage
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	Base Frame	IEC-225MB3-CI-TF
Techtop Industries -2815 Colonnades Court - Peachtree Corners, GA 30071 - Phone: (678) 436-5540		