



Model Number	GR3-CI-TF-250MB3-4-RR-D-75-230 460-60
MFG PN	T 250M1-4
List Price	--

All data shown at HIGH voltage setting

Format STD 3 Phase

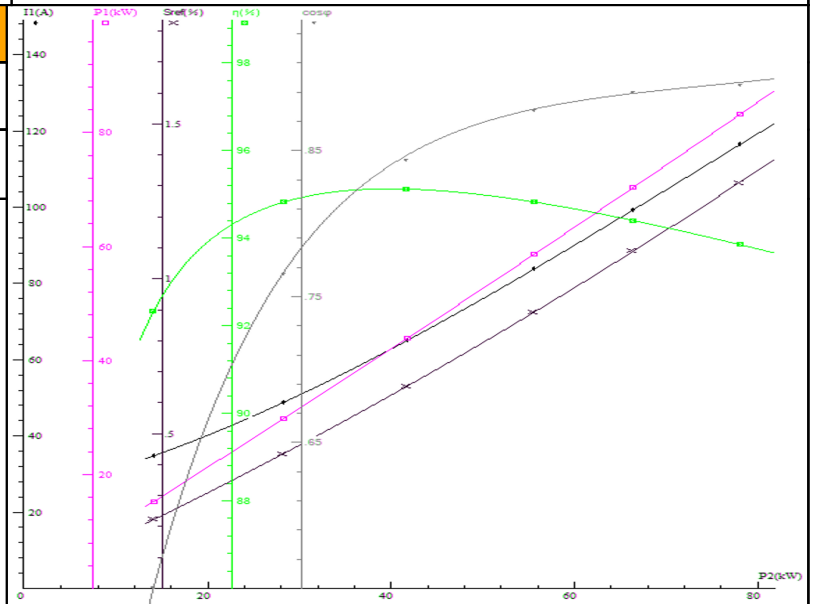
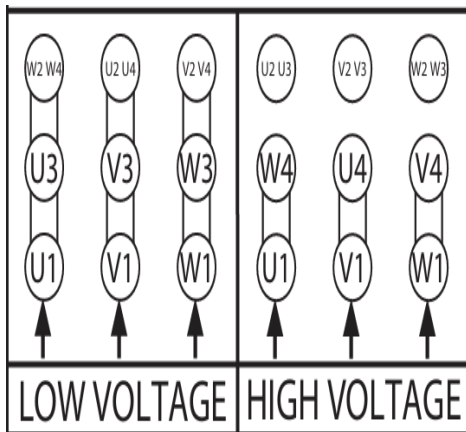
Electrical Data		General Data	
Rated Motor Output Power	75 HP	Frame Size	250
Rated Motor Speed	1775 r/min	Enclosure	TEFC
Rated Motor Voltage (3 Phase)	230 460-60 Volts - HZ	Approximate Weight	979
Rated Motor Current	166.3/83.2 Amps	NEMA Design	A
Service Factor	1.15	IP Rating	55
KVA Code	H	Insulation Class	F
Nominal Efficiency	95.4 %	Tropicalization	YES
Nominal Power Factor	0.87 cosθ	Duty	Cont.
Full Load Torque Ft-Lb	0 Ft-Lb	Cable Entry	M50 X 1.5
Temp Rise @ Full Load °C	66.1	Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium	Double Drilled	NO

Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	
Locked Rotor	-	332	821	40	
Breakdown	-	322	-	1000	
Pull Up	-	189	-	7024 - Graphite Grey	
125% of FL	1780	-	102.72	NO	
75% of FL	1788	-	64.39	Brake Voltage (DC)	
50% of FL	1792	-	47.97	--	
No Load	--	-	28.05	Brake Torque (N-M)	
				--	

Hazardous Location	Class 1, Div 2, Grp A,B,C,D			Mechanical Data	
				Bearing DE Side	6313 C3
				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 (%), cosφ = Power Factor	

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



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



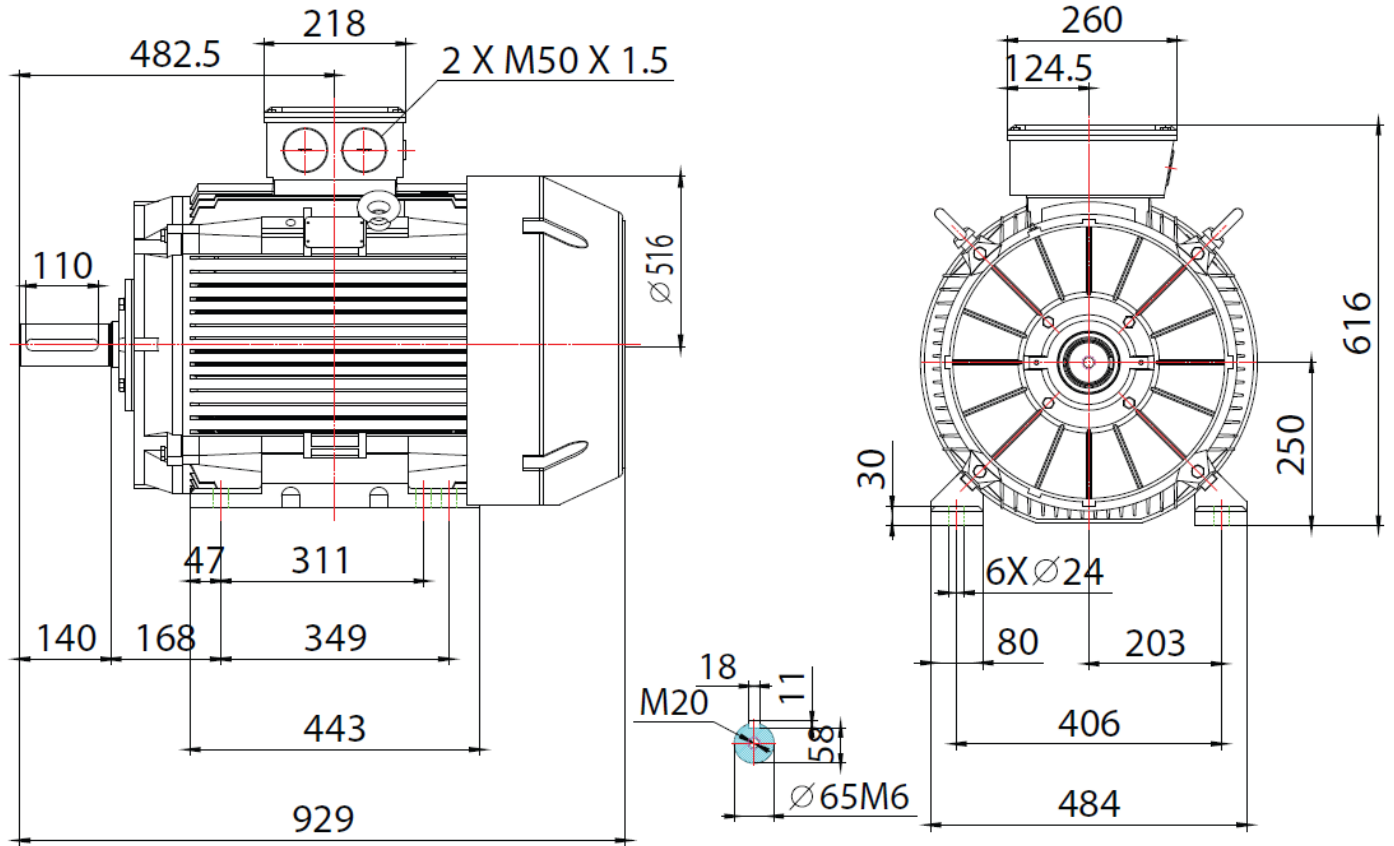
Model Number GR3-CI-TF-250MB3-4-RR-D-75-230|460-60

MFG PN T 250M1-4

List Price --

Base Frame GR-250MB3-CI-TF

FRAME: 250MB3-4,6P HP: RPM: PHASE: 3 VOLT: ENCL: TEFC FREQ: 60 Hz FLA: LRA:



MODEL NUMBER:

GR3-CI-TF-250MB3-4,6P-CFC

MFG PN:

REV. BY DATE

1

2

3

4

5

6

7

CHANGES

1

2

3

4

5

6

7

MATERIAL: ALUMINUM

UNITS: INCH BY: SSEE

DRAWN: 8/20/2018

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