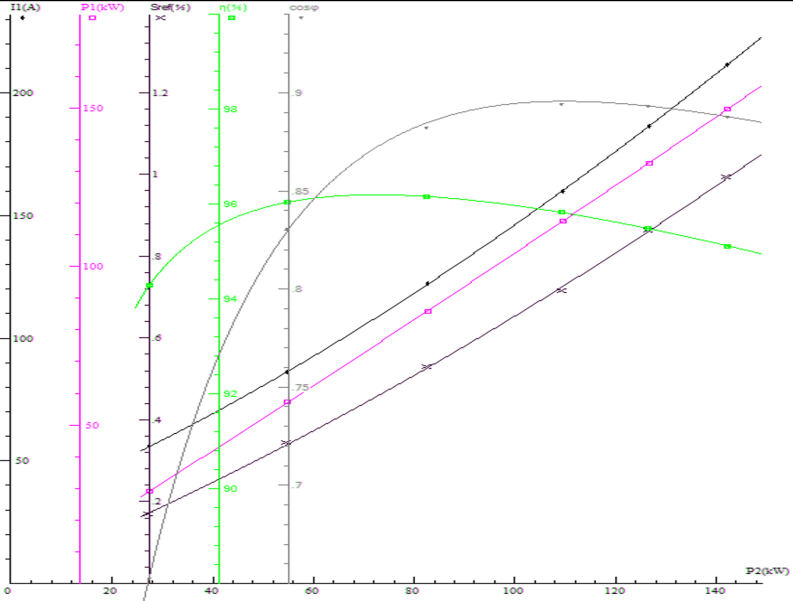
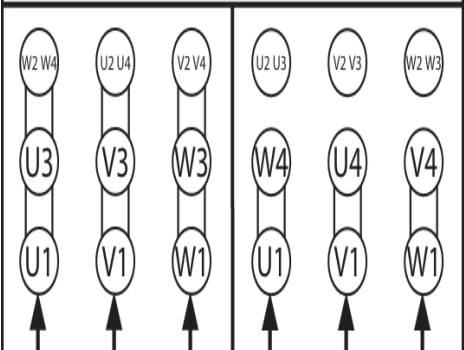




Model Number	GR3-CI-TF-280MB3-4-BR-D-150-230 460-60
MFG PN	T 280M2-4
List Price	--

All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data				General Data	
Rated Motor Output Power		150 HP		Frame Size	280
Rated Motor Speed		1785 r/min		Enclosure	TEFC
Rated Motor Voltage (3 Phase)		230 460-60 Volts - HZ		Approximate Weight	1584
Rated Motor Current		323.9/161.9 Amps		NEMA Design	A
Service Factor		1.15		IP Rating	55
KVA Code		K		Insulation Class	F
Nominal Efficiency		95.8 %		Tropicalization	YES
Nominal Power Factor		0.89 cosθ		Duty	Cont.
Full Load Torque Ft-Lb		441.8224 Ft-Lb		Cable Entry	M50 X 1.5
Temp Rise @ Full Load °C		71.7		Feet Removable	YES
Efficiency Level		IE3 - NEMA Premium		Double Drilled	NO
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	310	1544	Rated Altitude (M)	1000
Breakdown	-	371	-	Coating	7024 - Graphite Grey
Pull Up	-	426	-	Shaft Grounding	NO
125% of FL	1784	-	203.29	Brake Voltage (DC)	--
75% of FL	1791	-	125.83	Brake Torque (N-M)	--
50% of FL	1794	-	91.81	Mechanical Data	
No Load	--	-	49.19	Bearing DE Side	6316 C3
Hazardous Location	Class 1, Div 2, Grp A,B,C,D			Bearing NDE Side	6316 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				
					

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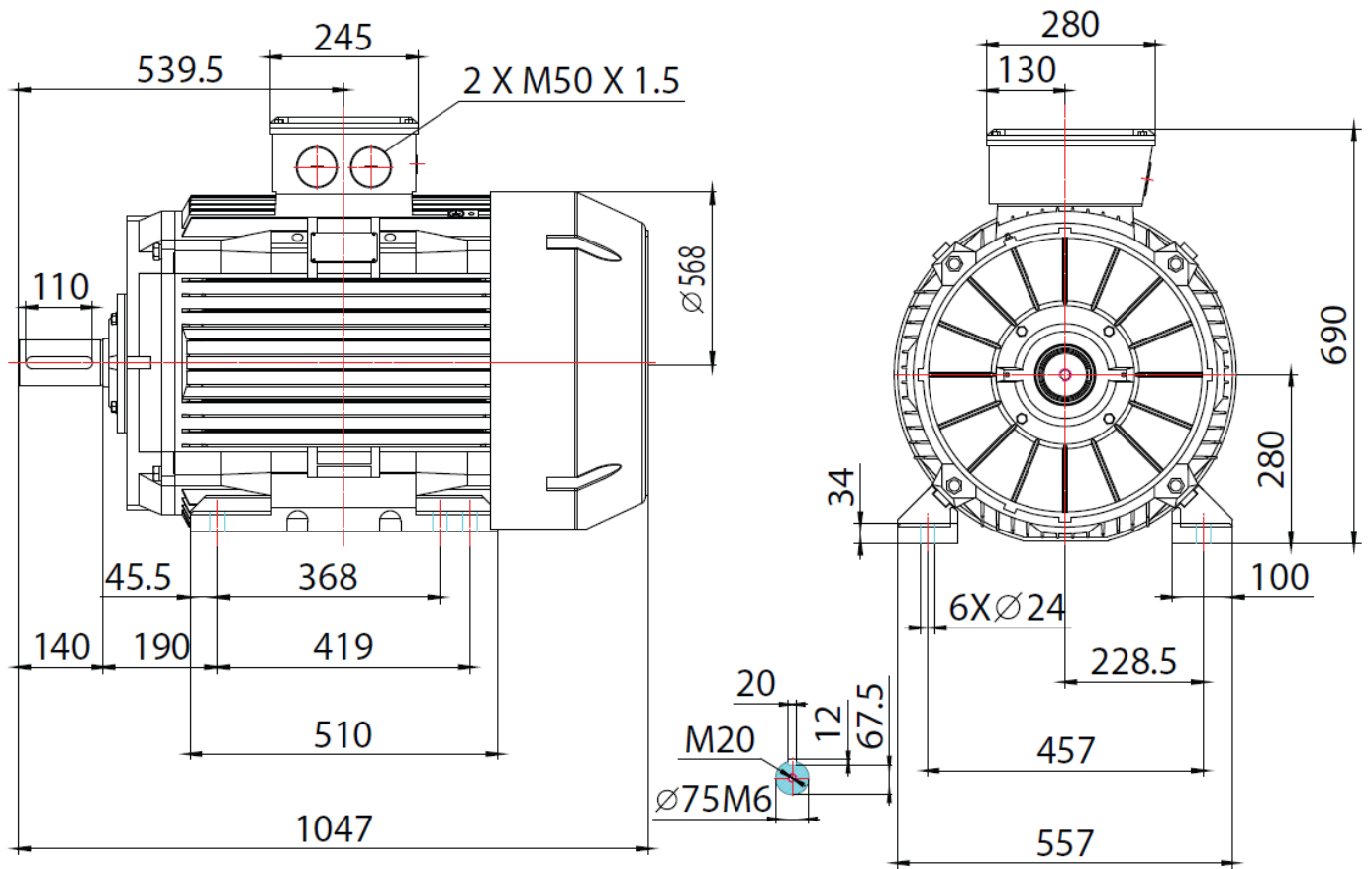
Model Number GR3-CI-TF-280MB3-4-BR-D-150-230|460-60

MFG PN T 280M2-4

List Price --

Base Frame GR-280MB3-CI-TF

FRAME: 280MB3-4,6P HP: RPM: PHASE: 3 VOLT: ENCL: TEFC FREQ: 60 Hz FLA: LRA:



MODEL NUMBER:
GR3-CI-TF-280MB3-4,6P-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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