



Model Number GR3-AL-TF-90SB3-4-B-D-1.5-230|460-60

MFG PN T 90S-4

List Price --

All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data

General Data

Rated Motor Output Power	1.5 HP	Frame Size	90
Rated Motor Speed	1740 r/min	Enclosure	TEFC
Rated Motor Voltage (3 Phase)	230 460-60 Volts - HZ	Approximate Weight	--
Rated Motor Current	4.36/2.48 Amps	NEMA Design	B
Service Factor	1.15	IP Rating	55
KVA Code	K	Insulation Class	F
Nominal Efficiency	86.5 %	Tropicalization	YES
Nominal Power Factor	0.74 cosθ	Duty	Cont.
Full Load Torque Ft-Lb	3.26432256 Ft-Lb	Cable Entry	M20 X 1.5
Temp Rise @ Full Load °C	36.8	Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium	Double Drilled	NO

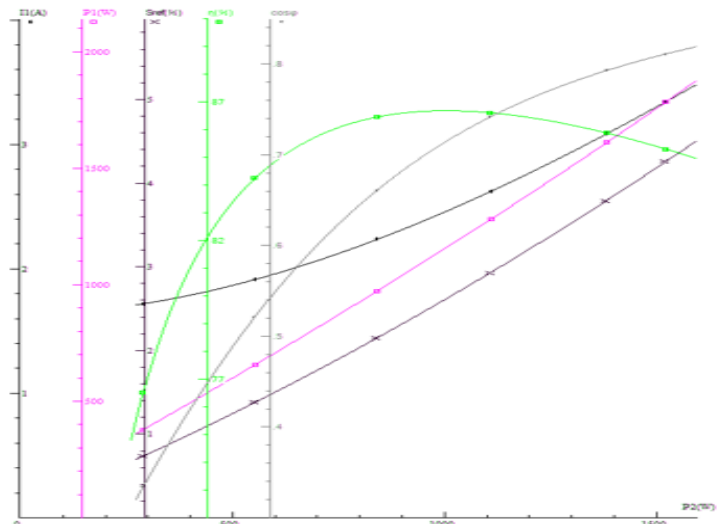
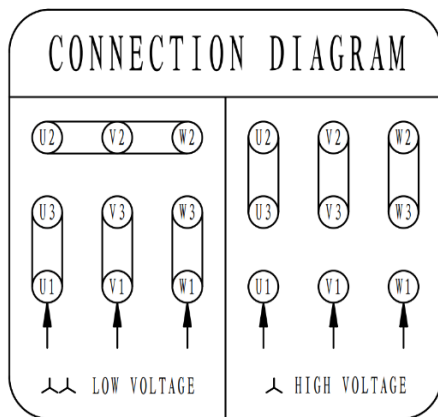
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	311	20.63	Rated Altitude (M)	1000
Breakdown	-	390	-	Coating	7024 - Graphite Grey
Pull Up	-	309	-	Shaft Grounding	NO
125% of FL	1738	-	2.87	Brake Voltage (DC)	--
75% of FL	1762	-	2.21	Brake Torque (N-M)	--
50% of FL	1775	-	1.91	Mechanical Data	
No Load	1796	-	1.65		

Hazardous Location	Class 1, Div 2, Grp A,B,C,D			Bearing DE Side	6205ZZ
				Bearing NDE Side	6205ZZ
				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 9 Lead IEC Dual Voltage
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Base Frame GR-90SB3-AL-TF

FRAME: 90SB3

HP:

RPM:

PHASE: 3

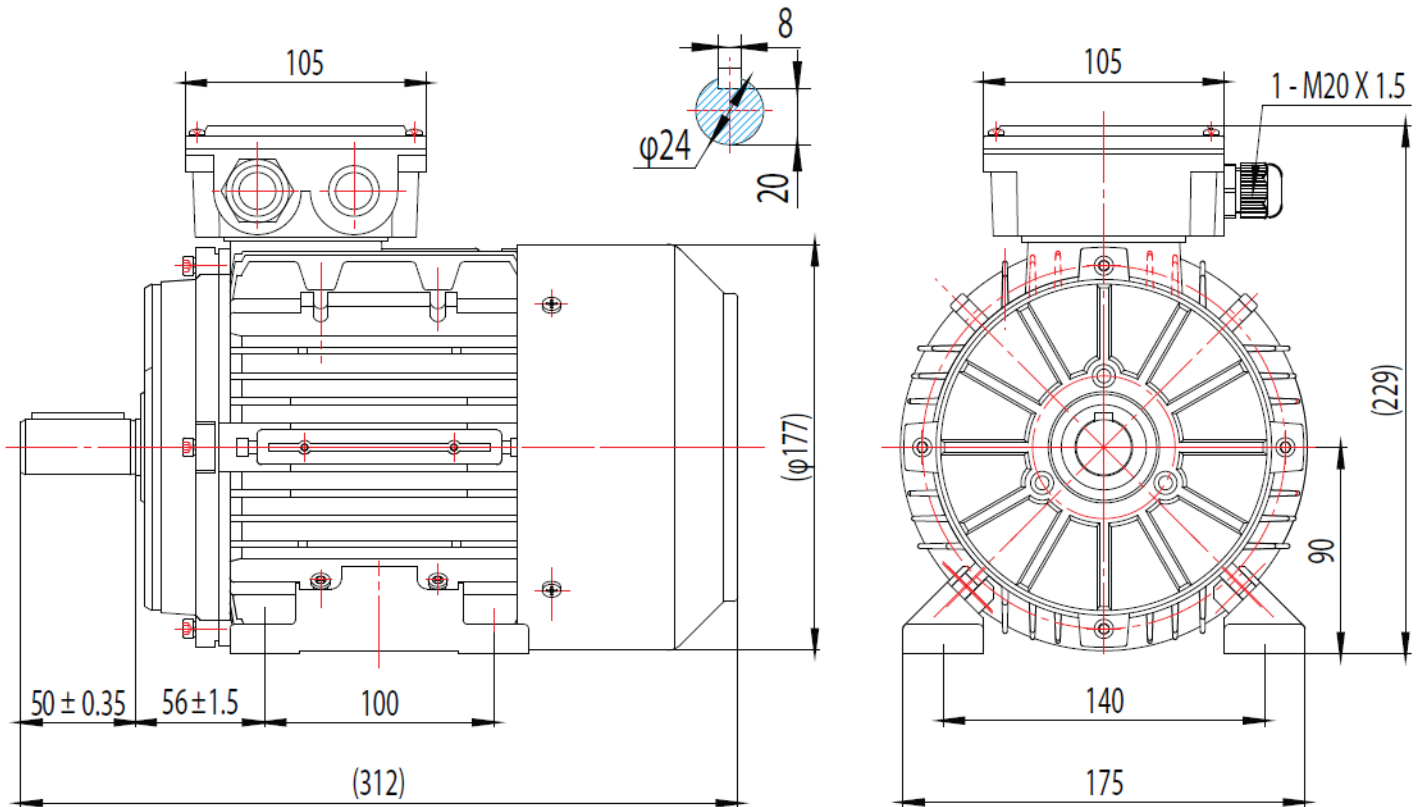
VOLT:

ENCL: TEFC

FREQ: 60 Hz

FLA:

LRA:



MODEL NUMBER:

GR3-AL-TF-90SB3

MFG PN:

REV.

BY

DATE

CHANGES

1

2

3

4

5

6

7

MATERIAL: ALUMINUM

UNITS: INCH BY: SSEE

DRAWN: 6/4/2018

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