GE INDUSTRIAL MOTORS
a WOLONG company

Product Information Packet

August 7, 2020

Data shown is for the current revision model #. Ensure your nameplate model # matches.

Model Number:	**5KFE262ZWL3108**
Catalog Number:	**--**
Instruction Manual:	GEI-M1052-SP
Connection Diagram:	--
Outline Drawing:	358B6969AB

Accessory Connection Diagrams

Bearing Thermocouple:	None	**Heater:**	None
RTD:	None	**Thermistor:**	--
Thermostat:	None	**Winding Thermocouple:**	None
Bearing RTD:	None		

Table of Contents

Marks:

MODEL NUMBER:	**5KFE262ZWL3108**	**Estimated Weight(kg):**	423
Outline Drawing:	358B6969AB	**Duty:**	S1
Connection Diagram:	--	**Enclosure:**	TEFC
Connection:	DELTA / WYE	**Encl Construction:**	Energy Saver
Instruction Book:	GEI-M1052-SP	**Cooling (IC):**	411
Design Code:	NA	**Protection (IP):**	55
Type:	KFE	**Ambient Max (°C):**	40
Frame:	250M	**Alt Ambient Max(°C):**	--
Mounting (IM):	B3	**Ambient Min(°C):**	-15
Phases:	3	**Insulation Class:**	F
Poles:	6	**IEC Design:**	N
Output Power:	50HP/37kW	**Nominal Efficiency (%):**	IE2-92.2
RPM:	985	**Guaranteed Efficiency (%):**	91.0
Voltage(V):	400/690	**Power Factor (%):**	83
Hertz:	50	**Bearing - DE:**	6314/C3
Amps - FL:	70.0/40.4	**Bearing - ODE:**	6313/C3
Service Factor:	1.15	**Vibration (mm/s) rms:**	2.2
Alt Service Factor:	--		

Enclosure is Totally Enclosed Fan-Cooled

Stamped Nameplate Notes:

Additional Information:

SUITABLE FOR DOL STARTING
ROTATION: CW VIEWED FROM DE
INVERTER DUTY PER IEC TS 60034-25, SECTION 18
INVERTER RATED PWM 20:1 VARIABLE TORQUE, 1.0 SF

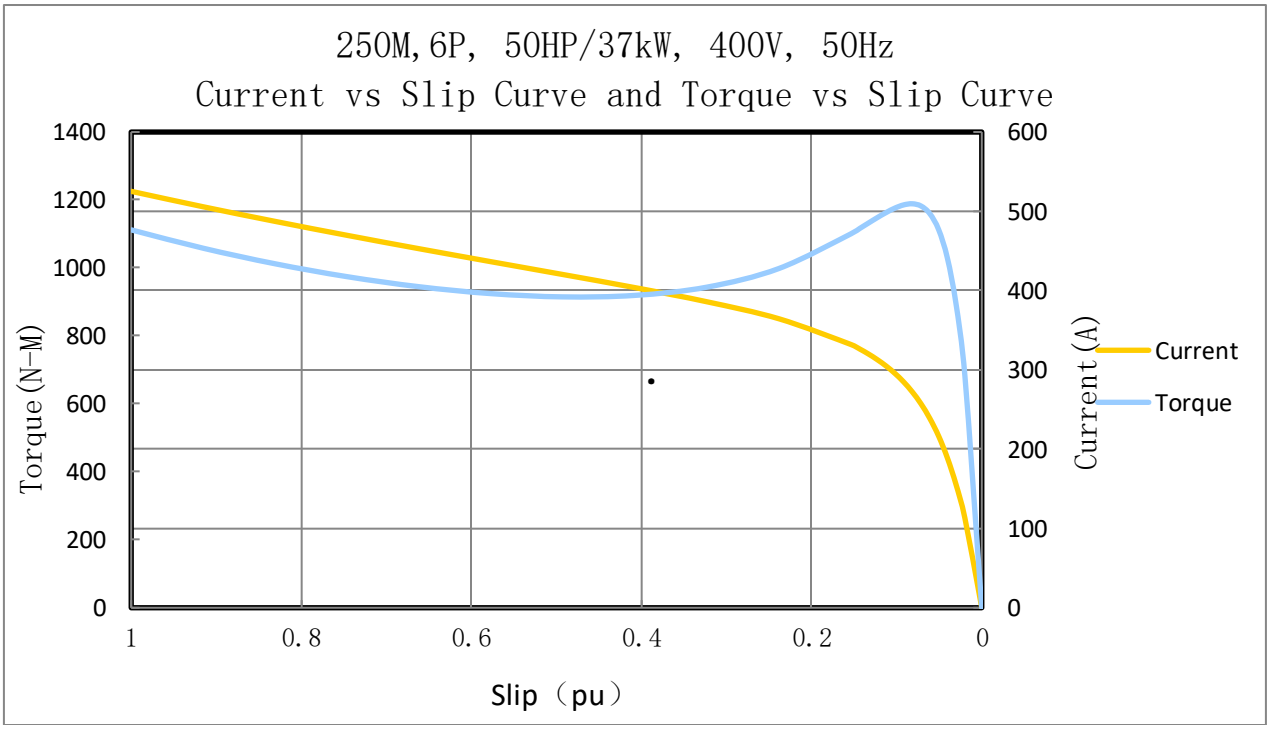
Performance Characteristic:

LOAD %	125.0	115.0	100.0	75.0	50.0	25.0	0.0
% EFF	92.37	92.58	92.81	92.92	92.36	89.32	0.00
% PF	88.54	88.05	86.80	82.63	73.18	50.51	25.57
AMPS	81.62	75.34	66.29	52.17	39.51	29.59	26.10

TORQUE(FL) N-m	358.7	TORQUE(LR)%FL	310	TORQUE(BD)%FL	314
AMPS(LR 400V)	525.2	PF AT START	25.57%		

Other Useful Information for Application:

Rotor Inertia (Kg-m^2) :	1.27630
Max load inertia (Kg-m^2):	26.1268
Load Type:	Square Torque/Speed Characteristic
Voltage:	100%
Number of starts per hour:	2 Cold or 1 Hot
Acceleration Time with maximum inertia (sec):	3.3
Safe stall time (sec): Cold/Hot	18.0/7.3



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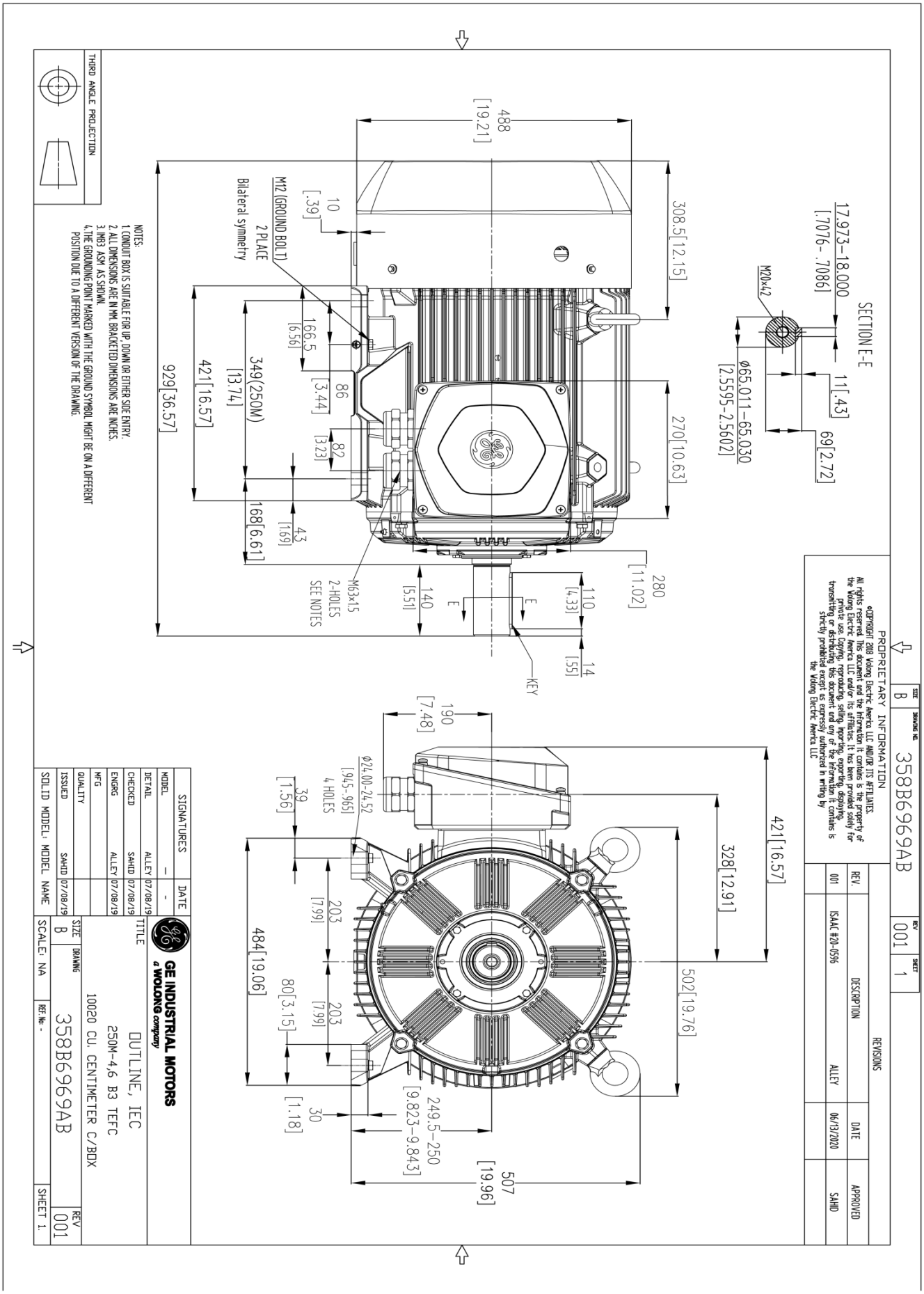

NOTES:
1. CONDUIT BOX IS SUITABLE FOR UP, DOWN OR EITHER SIDE ENTRY.
2. ALL DIMENSIONS ARE IN MM. BRACKETED DIMENSIONS ARE INCHES.
3. MB3 ASM AS SHOWN.
4. THE GROUNDING POINT MARKED WITH THE GROUND SYMBOL MIGHT BE ON A DIFFERENT POSITION DUE TO A DIFFERENT VERSION OF THE DRAWING.

THIRD ANGLE PROJECTION

PROPRIETARY INFORMATION

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SIZE	DRAWING NO.	REV	SHEET
B	358B6969AB	001	1

REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
001	ISAAC #20-0596	06/13/2020	SAHID
	ALLEY		

SIGNATURES		DATE
MODEL	–	-
DETAIL	ALLEY	07/08/19
CHECKED	SAHID	07/08/19
ENGRG	ALLEY	07/08/19
MFG		
QUALITY		
ISSUED	SAHID	07/08/19

SOLID MODEL: MODEL NAME

SCALE: NA

GE INDUSTRIAL MOTORS
a WOLONG company

TITLE
OUTLINE, IEC
250M-4,6 B3 TEFC
1002Ø CU. CENTIMETER C/BDX

SIZE B | DRAWING 358B6969AB | REV 001

REF: No -

SHEET 1.