GE INDUSTRIAL MOTORS
a WOLONG company

Product Information Packet

September 13, 2022

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

Model Number:	**5KFS112ZWL2036**
Catalog Number:	**WI204**
Instruction Manual:	GEI-M1052-SP
Connection Diagram:	886070022100
Outline Drawing:	358B6963AA

Accessory Connection Diagrams

Bearing Thermocouple:	None	**Heater:**	None
RTD:	None	**Thermistor:**	886070014100
Thermostat:	None	**Winding Thermocouple:**	None
Bearing RTD:	None		

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Marks:

MODEL NUMBER:	**5KFS112ZWL2036**	**Estimated Weight(kg):**	48
Outline Drawing:	358B6963AA	**Duty:**	S1
Connection Diagram:	886070022100	**Enclosure:**	TEFC
Connection:	2DELTA / 2WYE / DELTA	**Encl Construction:**	Energy Saver
Instruction Book:	GEI-M1052-SP	**Cooling (IC):**	411
Design Code:	NA	**Protection (IP):**	55
Type:	KFS	**Ambient Max (°C):**	40
Frame:	112M	**Alt Ambient Max(°C):**	--
Mounting (IM):	B3	**Ambient Min(°C):**	-15
Phases:	3	**Insulation Class:**	F
Poles:	4	**IEC Design:**	N
Output Power :	5.4HP/4kW	**Nominal Efficiency (%):**	IE3-89.5
RPM:	1740	**Guaranteed Efficiency (%):**	87.9
Voltage(V):	220/380/440	**Power Factor (%):**	82.0
Hertz:	60	**Bearing - DE:**	6206/2Z C3
Amps - FL:	14.3/8.28/7.15	**Bearing - ODE:**	6206/2Z C3
Service Factor:	1.15	**Vibration (mm/s) rms:**	2.8
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

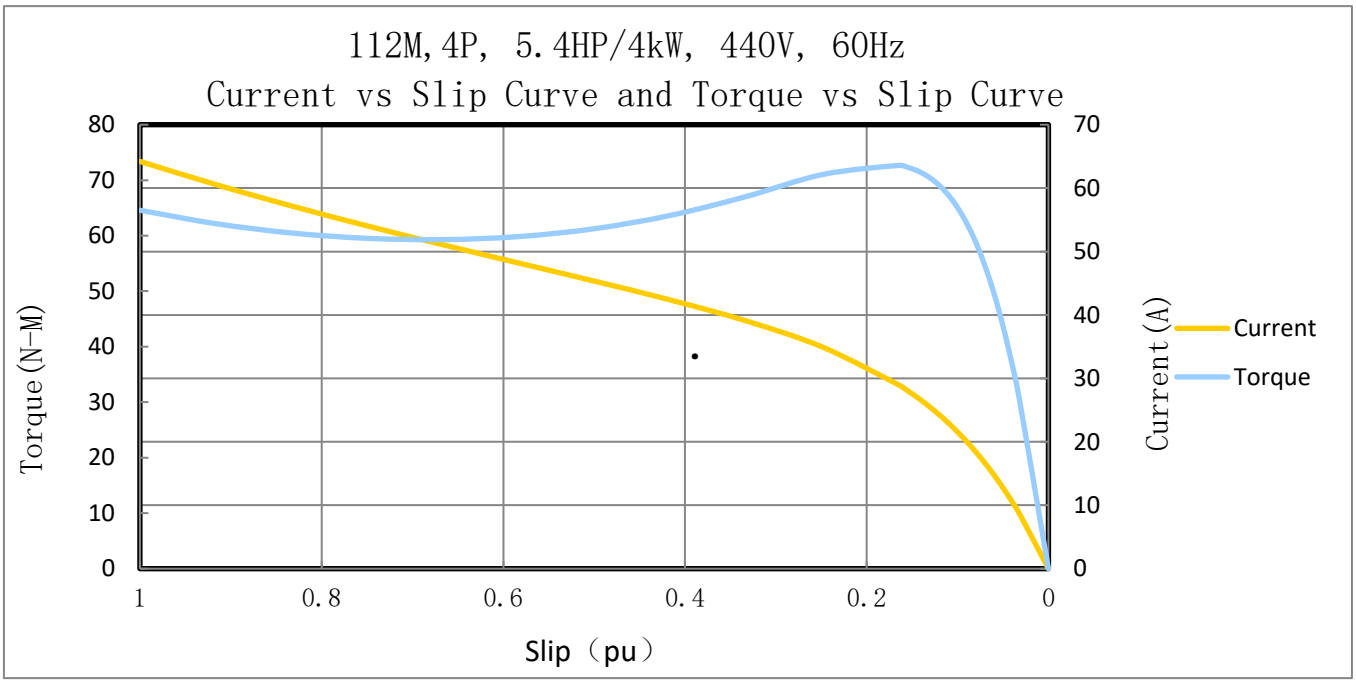
Performance Characteristic:

LOAD %	125.0	115.0	100.0	75.0	50.0	25.0	0.0
% EFF	90.75	91.18	91.74	92.34	92.15	89.24	0
% PF	87.69	86.98	85.43	80.44	69.70	46.31	20.28
AMPS	8.23	7.60	6.69	5.28	4.07	3.17	2.69

TORQUE(FL) N-m	22.0	TORQUE(LR)%FL	293.3	TORQUE(BD)%FL	312.9
AMPS(LR 440V)	64.22	PF AT START	20.28%		

Other Useful Information for Application:

Rotor Inertia (Kg-m^2) :	0.02
Max load inertia (Kg-m^2):	1.222
Load Type:	Square Torque/Speed Characteristic
Voltage:	100%
Number of starts per hour:	2 Cold or 1 Hot
Acceleration Time with maximum inertia (sec):	2.89
Safe stall time (sec): Cold/Hot	15.4/6.3



Marks:

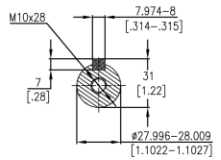
Model Number: 5KFS112ZWL2036

September 13, 2022

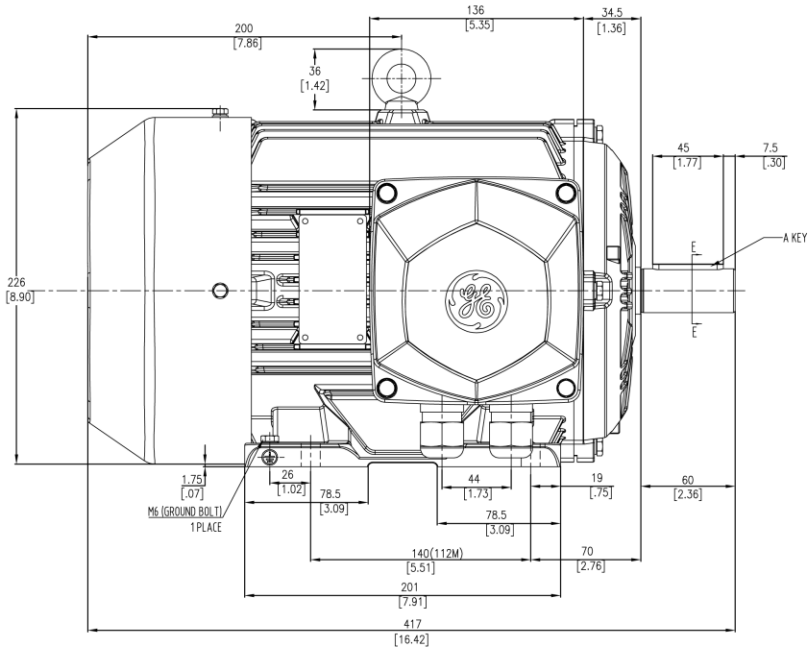
SIZE	DRAWING NO.	REV	SHEET
B	358B6963AA	001	1

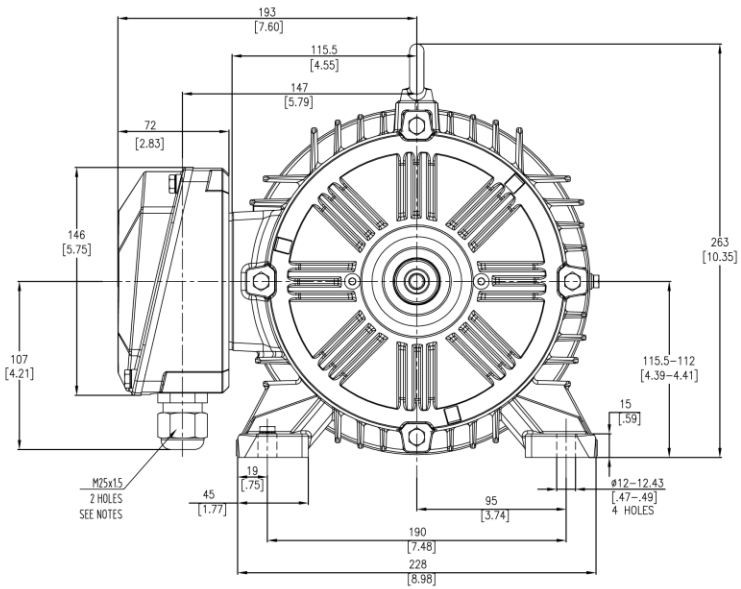
REVISIONS

REV.	DESCRIPTION		DATE	APPROVED
001	ISAAC #20-0596	ALLEY	06/12/2020	SAHID



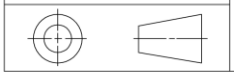
SECTION E-E





NOTES:
1. CONDUIT BOX IS SUITABLE FOR UP, DOWN OR EITHER SIDE ENTRY.
2. ALL DIMENSIONS ARE IN MM. BRACKETED DIMENSIONS ARE INCHES.
3. IMB3 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



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		

GE INDUSTRIAL MOTORS
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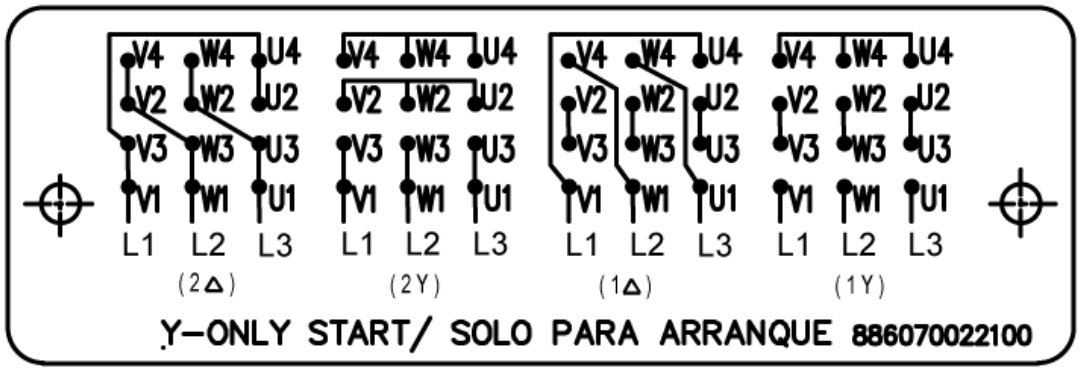
TITLE: OUTLINE, IEC
112M-2,4,6 B3 TEFC
983 CU. CENTIMETER C/BOX

SIZE	DRAWING	REV
B	358B6963AA	001

SCALE: NA | REF. No: - | SHEET 1.

Connection Diagram

886070022100



PTC Diagram

886070014100