

Product Information Packet

April 30, 2019

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

Model Number:	5KS215CWL105
Catalog Number:	E518
Instruction Manual:	GEI-M1049
Connection Diagram:	GEM2034E-FIG9
Outline Drawing:	358B6502AA

Accessory Connection Diagrams			
Bearing Thermocouple:	None	Heater:	None
RTD:	None	Thermistor:	None
Thermostat:	3027JE-2A	Winding Thermocouple:	None
Bearing RTD:	None		

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Marks:

MODEL NUMBER:	5KS215CWL105	Estimated Weight:	254 Lbs
Outline Drawing:	358B6502AA	Time Rating:	CONT
Connection Diagram:	GEM2034E-FIG9	Enclosure:	TEFC
Instruction Book:	GEI-M1049	Encl Construction:	XP
Design Code:	NA	Ambient Max(°C):	40
Type:	KS	Alt Ambient Max(°C):	55
Frame:	215T	Insulation Class:	F
Phases:	3	NEMA Design:	B
Poles:	2	Nominal Efficiency:	90.2 %
Output Power:	10HP 7.5KW	Guaranteed Efficiency:	88.5 %
RPM:	3530	3/4 Load Efficiency:	90.2 %
Voltage:	230/460	KVA Code:	H
Hertz:	60	Max KVAR:	2.5
Amps - FL:	23.8/11.9	Power Factor:	87.5%
Service Factor:	1.15	Bearing - DE:	6308-ZZ
Alt Service Factor:	1.0	Bearing - ODE:	6308-ZZ

Enclosure is Totally Enclosed Fan-Cooled

Stamped Nameplate Notes:**Additional Information:**

THERMOSTAT FOR: TRIP 145+/-5 DEG C
 THERMOSTAT LEADS: 3 NC TO TERMINATE IN MAIN CB
 ROTATION: CW/ CCW
 CLASS /GAS GROUP: CL I GR C and D, CLASS II GR F and G
 CBOX SIZE: 88 CU INCH
 INVERTER DUTY PER NEMA MG1 PART 31
 INVERTER RATED PWM 10:1 VARIABLE TORQUE, 5:1 CONSTANT TORQUE, 1.0 SF
 UL CERTIFICATION SUITABLE FOR INSTALLATION IN –
 - THE UNITED STATES, NIGERIA AND KUWAIT

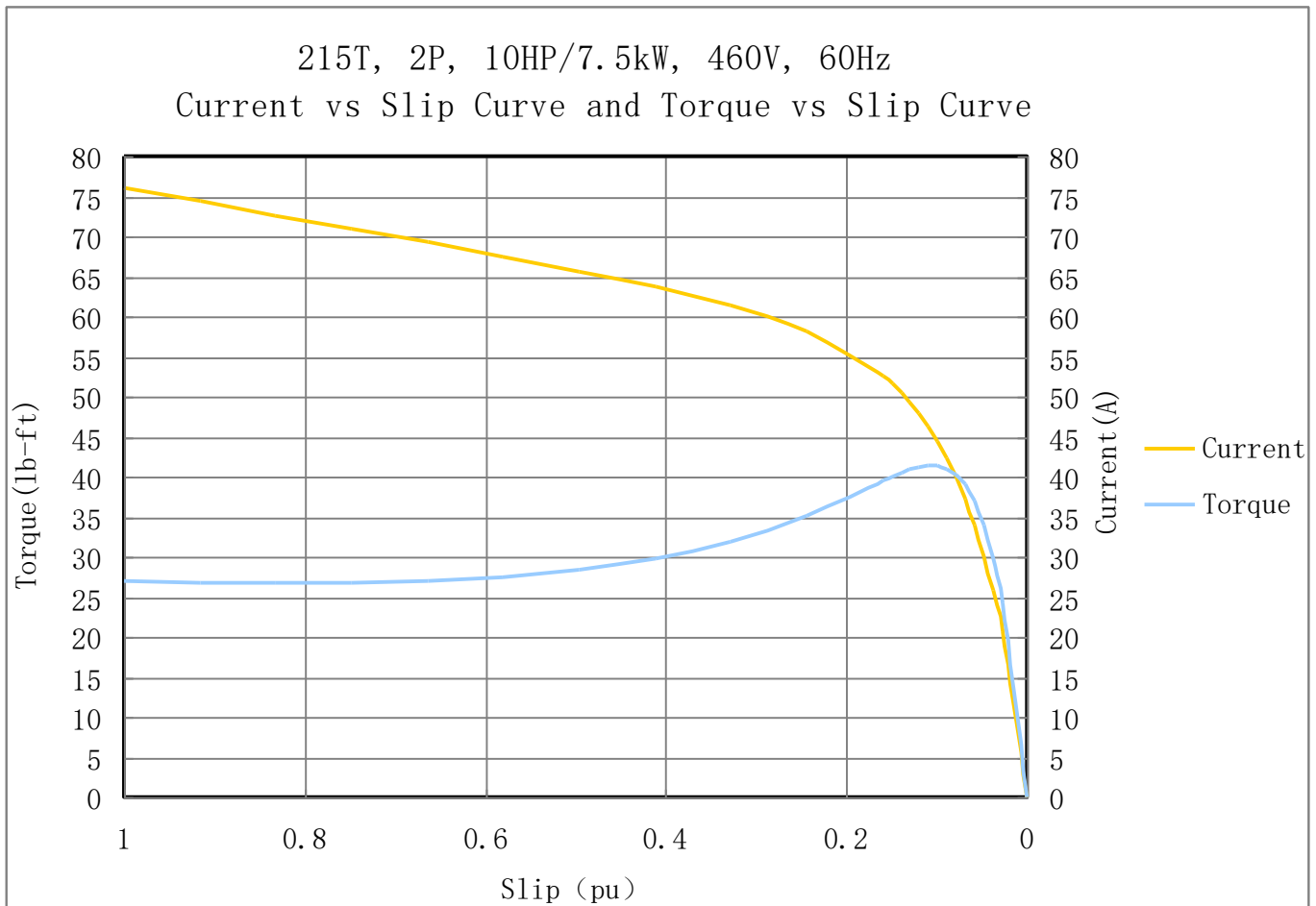
Performance Characteristic:

LOAD %	125.0	115.0	100.0	75.0	50.0	25.0	0.0
% EFF	90.41	90.79	90.20	90.20	92.01	90.45	0
% PF	92.5	92.6	87.5	86.3	80.0	72.6	27.7
AMPS(460V)	14.1	12.9	11.9	8.4	5.8	3.6	1.3

TORQUE(FL) LB-FT 14.76 TORQUE(LR)%FL 183.0 TORQUE(BD)%FL 280.0
 AMPS(LR 460V) 76.1 PF AT START 0.34%

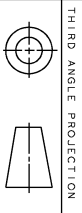
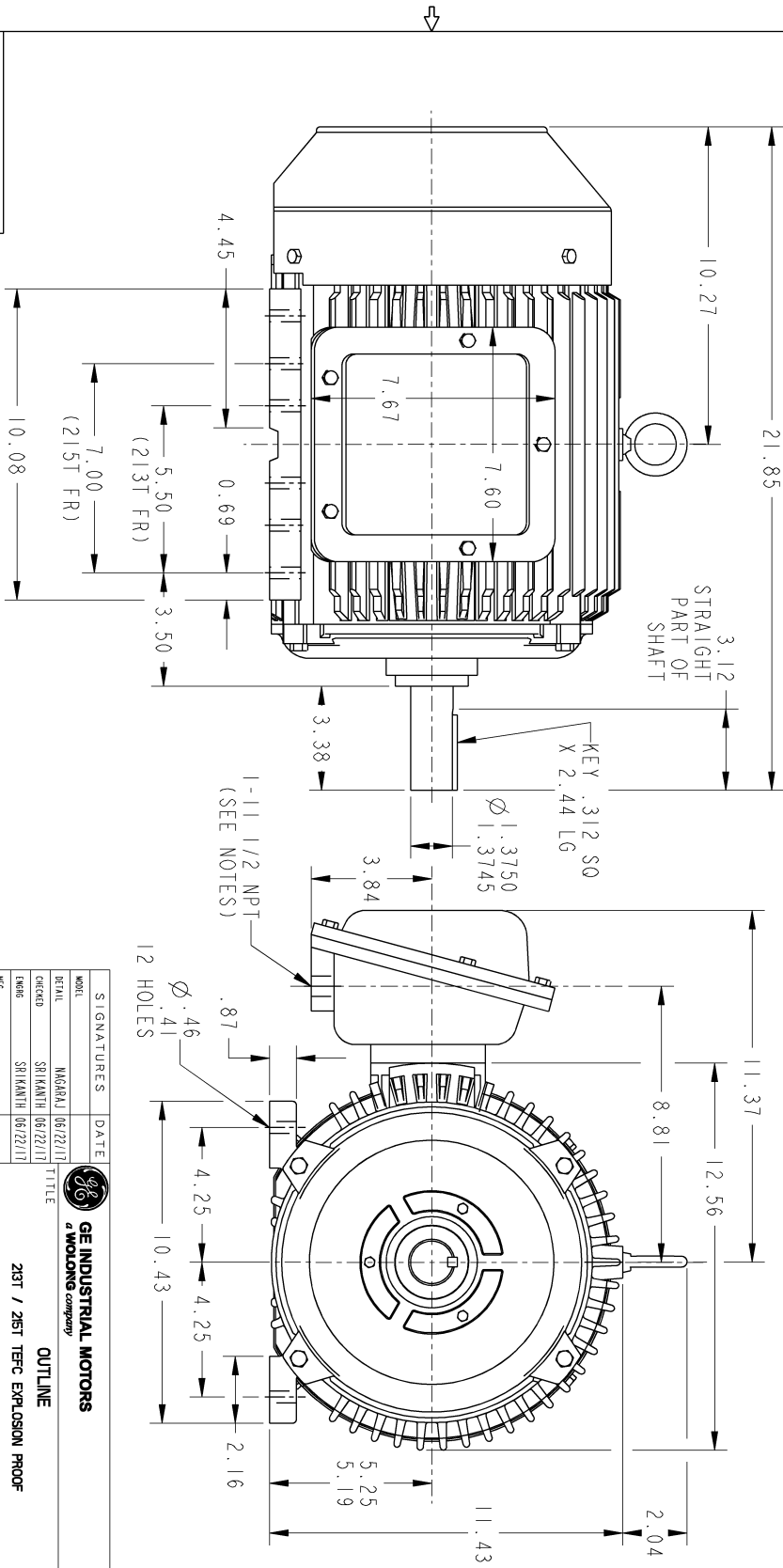
Other Useful Information for Application:

Rotor Inertia: Lb-Ft ² (Kg-m ²):	0.9(0.038)
Max load inertia: Lb-Ft ² (Kg-m ²):	11(0.46)
Load Type:	Square Torque/Speed Characteristic
Voltage:	100%
Number of starts per hour:	2 Cold or 1 Hot
Acceleration Time with maximum inertia (sec):	3.7
Safe stall time (sec): Cold/Hot	65/25



Marks:

- NOTES:
1. CONDUIT BOX IS SUITABLE FOR UP, DOWN OR EITHER SIDE ENTRY.
 2. FL ASSEMBLY AS SHOWN.
 3. ALL DIMENSIONS ARE IN INCHES.



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REV.	DESCRIPTION	DATE	APPROVED
1	ISAAC #17-0780	10/24/17	SRI KANTH
2	ISSAC #18-0869	01/04/19	PRASHANTH
3	ISAAC #19-0358	04/22/19	SAHID

SIGNATURES	DATE
MODEL: NAGARAJ	06/22/17
DRAWN: SRI KANTH	06/22/17
CHECKED: SRI KANTH	06/22/17
ENG: SRI KANTH	06/22/17
QUALITY: SRI KANTH	06/22/17
ISSUED: SRI KANTH	06/22/17

SIZE: DRAWING	B
SCALE: NTS	REF. No.:
SOLID MODEL: MODEL NAME	REV. No.:

GE INDUSTRIAL MOTORS
 a Wabag company

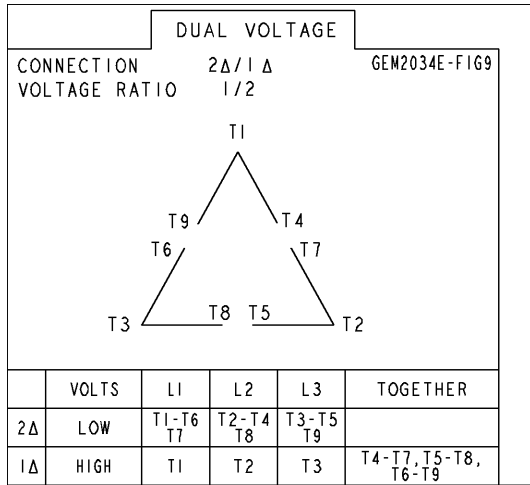
OUTLINE
 21ST / 21ST TERC EXPLOSION PROOF
 88 CU. IN. C/BOX

358B6502AA REV. 003

SHEET 1 OF 1

Marks:

Connection Diagram
GEM2034E-FIG9



Thermostat Connection
3027JE-2A

