

Product Information Packet

April 30, 2019

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

Model Number:	5KS447CWL118
Catalog Number:	E554
Instruction Manual:	GEI-M1049
Connection Diagram:	GEM2034E-FIG8
Outline Drawing:	358B6509AB

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:	5KS447CWL118	Estimated Weight:	2200 Lbs
Outline Drawing:	358B6509AB	Time Rating:	CONT
Connection Diagram:	GEM2034E-FIG8	Enclosure:	TEFC
Instruction Book:	GEI-M1049	Encl Construction:	XP
Design Code:	NA	Ambient Max(°C):	40
Type:	KS	Alt Ambient Max(°C):	55
Frame:	447TS	Insulation Class:	F
Phases:	3	NEMA Design:	B
Poles:	2	Nominal Efficiency:	95.4 %
Output Power:	200HP 148KW	Guaranteed Efficiency:	94.5 %
RPM:	3582	3/4 Load Efficiency:	95.4 %
Voltage:	460	KVA Code:	G
Hertz:	60	Max KVAR:	41.6
Amps - FL:	222	Power Factor:	88.9%
Service Factor:	1.15	Bearing - DE:	6314-C3
Alt Service Factor:	1.0	Bearing - ODE:	6314-C3

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:CCW VIEWED FROM ODE
 CLASS /GAS GROUP:CL I GR C and D, CLASS II GR F and G
 CBOX SIZE:901 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

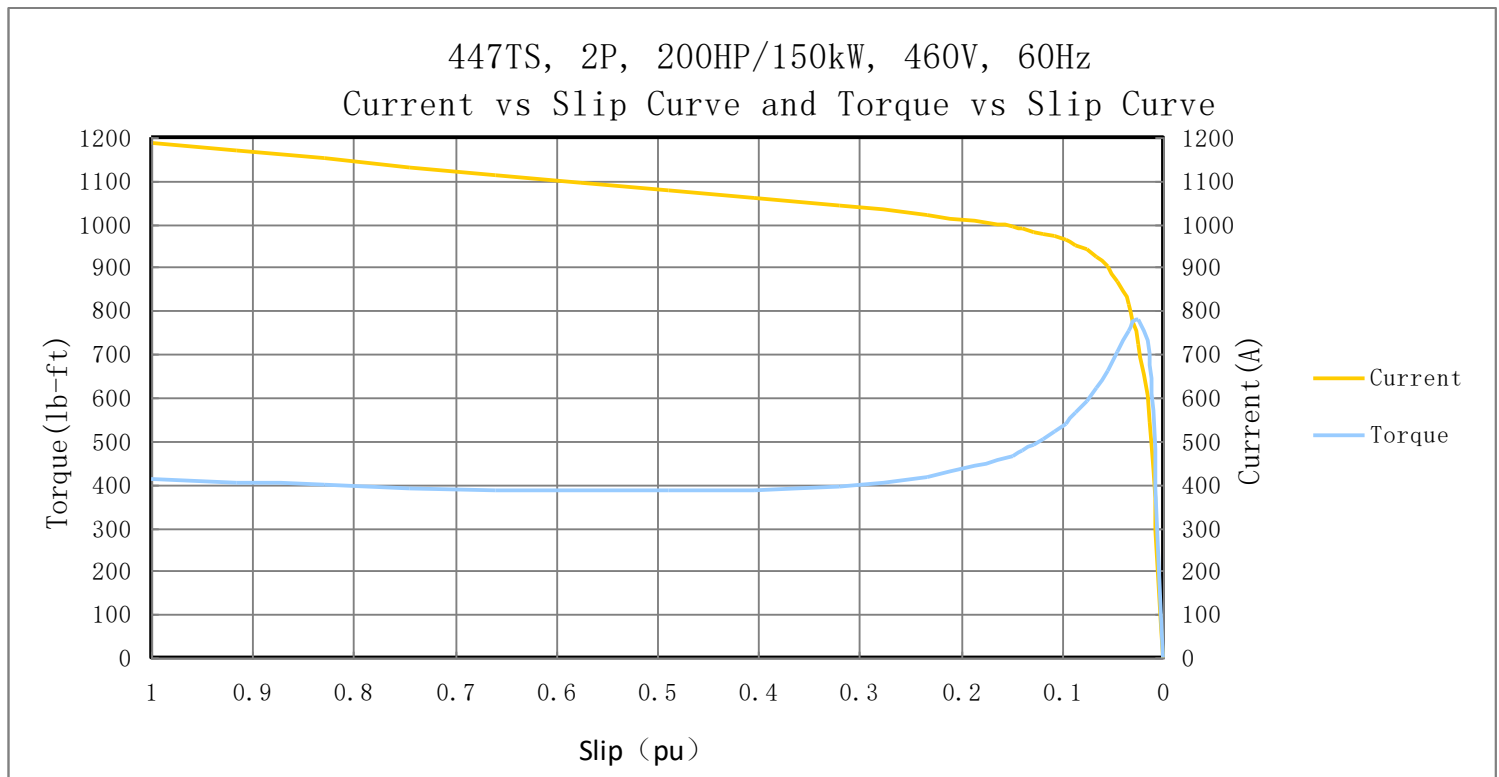
Performance Characteristic:

LOAD %	125.0	115.0	100.0	75.0	50.0	25.0	0.0
% EFF	95.76	95.84	95.40	95.40	95.72	94.52	0.00
% PF	91.1	91.4	88.9	86.6	83.9	71.5	26.5
AMPS(460V)	269.7	247.2	222.0	162.5	113.3	69.6	25.5

TORQUE(FL) LB-FT 294.46 TORQUE(LR)%FL 140.0 TORQUE(BD)%FL 265.0
 AMPS(LR 460V) 1188.2 PF AT START 0.26%

Other Useful Information for Application:

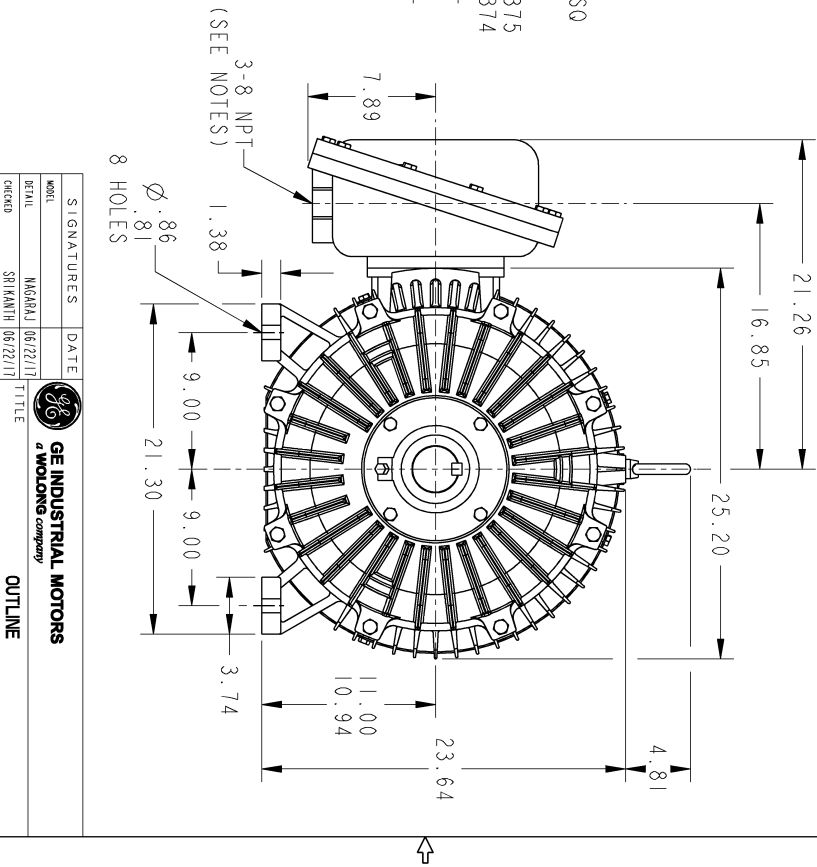
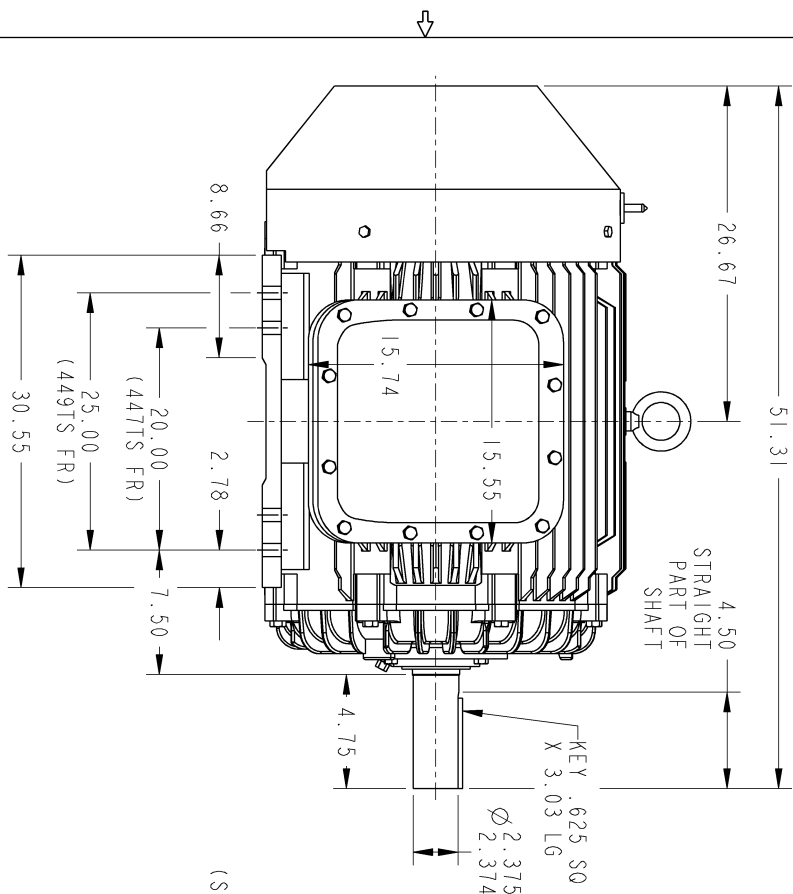
Rotor Inertia: Lb-Ft ² (Kg-m ²):	30.85(1.3)
Max load inertia: Lb-Ft ² (Kg-m ²):	172(7.25)
Load Type:	Square Torque/Speed Characteristic
Voltage:	100%
Number of starts per hour:	2 Cold or 1 Hot
Acceleration Time with maximum inertia (sec):	4.6
Safe stall time (sec): Cold/Hot	60/30



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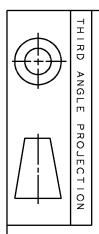
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- NOTES:
1. CONDUIT BOX IS SUITABLE FOR UP, DOWN OR EITHER SIDE ENTRY.
 2. FI ASSEMBLY AS SHOWN.
 3. ALL DIMENSIONS ARE IN INCHES.



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REV.	DESCRIPTION	DATE	APPROVED
1	ISSAC #17-0780	10/24/17	SRI KANTH
2	ISSAC #18-0869	01/07/19	PRASHANTH
3	ISSAC #19-0358	04/22/19	SAHID



SIGNATURES	DATE
MODEL	
DETAIL	
CHECKED	
ENGR	
W/E	
QUALITY	
ISSUED	
SOLD ID MODEL	

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GE INDUSTRIAL MOTORS
a wolong company

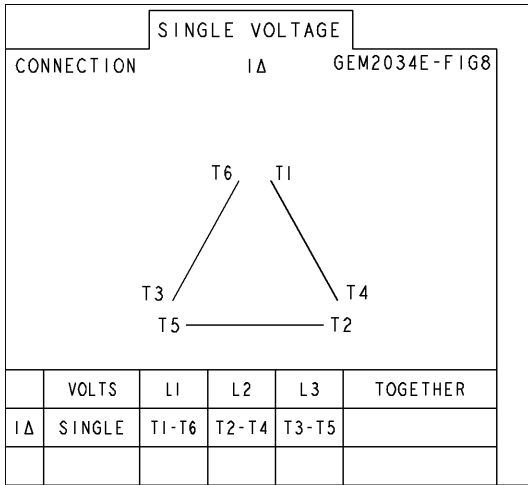
OUTLINE
 447TS/449TS TERC EXPLOSION PROOF
 901 CU. IN. C/BOX

358B6509AB REV. 003

SCALE: NTS REF. No. SHEET 1 OF 1

Marks:

Connection Diagram
GEM2034E-FIG8



Thermostat Connection
3027JE-2A

