

Product Information Packet

April 30, 2019

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

Model Number:	5KS326CWL205
Catalog Number:	E537
Instruction Manual:	GEI-M1049
Connection Diagram:	GEM2034E-FIG9
Outline Drawing:	358B6505AA

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:	5KS326CWL205	Estimated Weight:	739 Lbs
Outline Drawing:	358B6505AA	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:	326T	Insulation Class:	F
Phases:	3	NEMA Design:	B
Poles:	4	Nominal Efficiency:	94.5 %
Output Power:	50HP 37KW	Guaranteed Efficiency:	93.6 %
RPM:	1785	3/4 Load Efficiency:	94.6 %
Voltage:	230/460	KVA Code:	G
Hertz:	60	Max KVAR:	14.8
Amps - FL:	114/57	Power Factor:	86.2%
Service Factor:	1.15	Bearing - DE:	6312-C3
Alt Service Factor:	1.0	Bearing - ODE:	6312-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:281 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

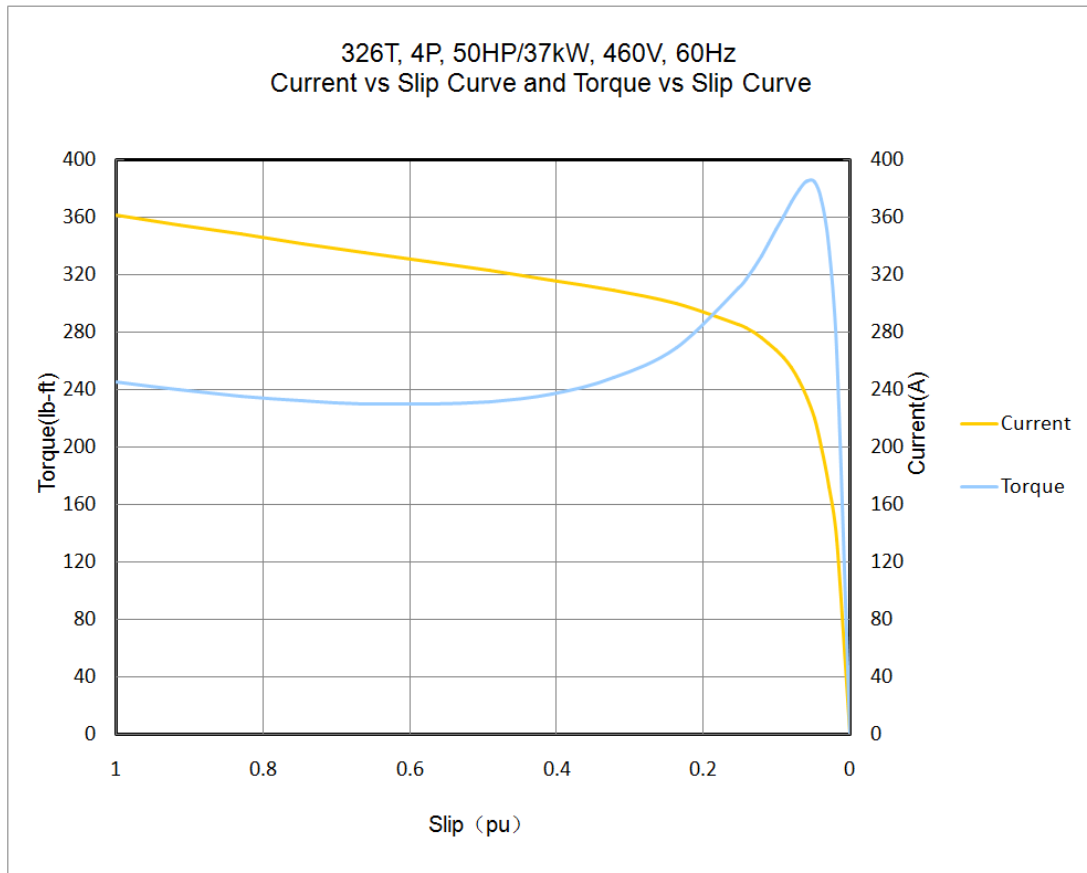
Performance Characteristic:

LOAD %	125.0	115.0	100.0	75.0	50.0	25.0	0.0
% EFF	94.44	94.63	94.50	94.60	94.89	93.19	0.00
% PF	89.8	89.7	86.2	82.0	81.0	61.2	9.4
AMPS(460V)	68.50	62.87	57.00	42.00	30.23	20.35	8.90

TORQUE(FL) LB-FT 146.13 TORQUE(LR)%FL 168.0 TORQUE(BD)%FL 263.0
 AMPS(LR 460V) 361.2 PF AT START 0.31%

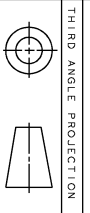
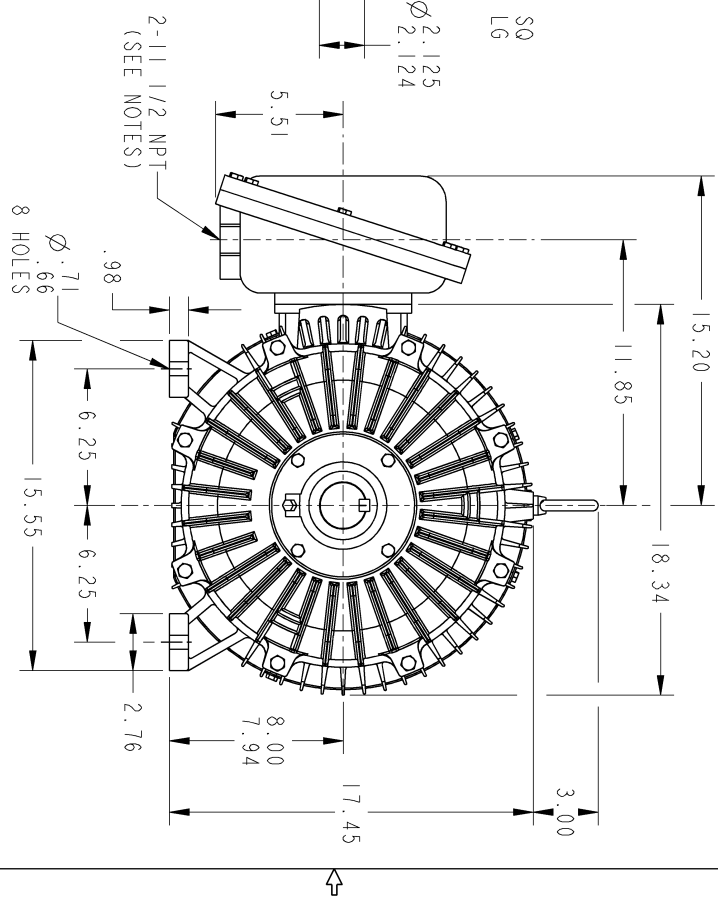
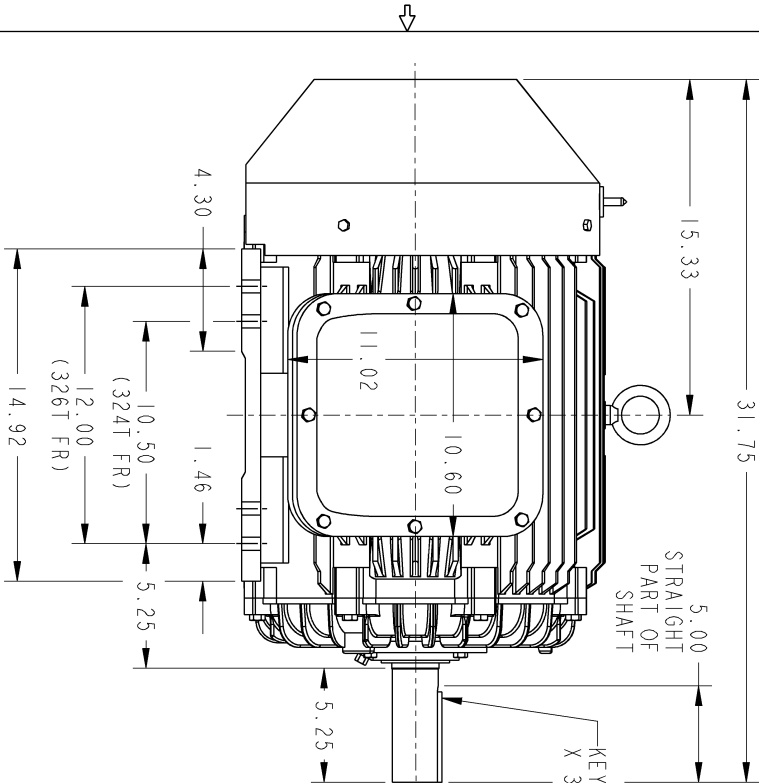
Other Useful Information for Application:

Rotor Inertia: Lb-Ft ² (Kg-m ²):	18.27(0.77)
Max load inertia: Lb-Ft ² (Kg-m ²):	232(9.8)
Load Type:	Square Torque/Speed Characteristic
Voltage:	100%
Number of starts per hour:	2 Cold or 1 Hot
Acceleration Time with maximum inertia (sec):	4.9
Safe stall time (sec): Cold/Hot	75/30



Marks:

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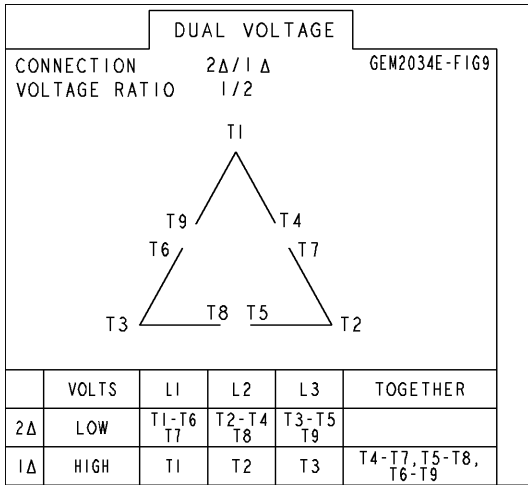
REV.	DESCRIPTION	DATE	APPROVED
1	ISSAC #17-0780	10/24/17	SAHID
2	ISSAC #18-0869	01/07/19	PRASHANTH
3	ISSAC #19-0358	04/22/19	SAHID

SIGNATURES	DATE
MODEL: MAGARAJ	06/22/17
DRAWN: SRIKANTH	06/22/17
CHECKED: SRIKANTH	06/22/17
ENG'G: SRIKANTH	06/22/17
W/E:	
QUALITY:	
ISSUED: SRIKANTH	06/22/17
SOLD ID MODEL: MODEL MAKE:	

TITLE	SCALE	REF. No.
GE INDUSTRIAL MOTORS a wolong company	NTS	
OUTLINE		
324T/326T TFC EXPLOSION PROOF		
281 CU. IN. C/BOX		
358B6505AA		
REV. 003		
SHEET 1 OF 1		

Marks:

Connection Diagram
GEM2034E-FIG9



Thermostat Connection
3027JE-2A

