

Product Information Packet

April 30, 2019

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

Model Number:	5KS365CWL115
Catalog Number:	E542
Instruction Manual:	GEI-M1049
Connection Diagram:	GEM2034E-FIG9
Outline Drawing:	358B6506AD

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:	5KS365CWL115	Estimated Weight:	981 Lbs
Outline Drawing:	358B6506AD	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:	365TS	Insulation Class:	F
Phases:	3	NEMA Design:	B
Poles:	2	Nominal Efficiency:	93.6 %
Output Power:	75HP 55.5KW	Guaranteed Efficiency:	92.4 %
RPM:	3575	3/4 Load Efficiency:	93.6 %
Voltage:	230/460	KVA Code:	G
Hertz:	60	Max KVAR:	16.6
Amps - FL:	165.4/82.7	Power Factor:	89.2%
Service Factor:	1.15	Bearing - DE:	6313-C3
Alt Service Factor:	1.0	Bearing - ODE:	6313-C3

Enclosure is Totally Enclosed Fan-Cooled

Stamped Nameplate Notes:**Additional Information:**

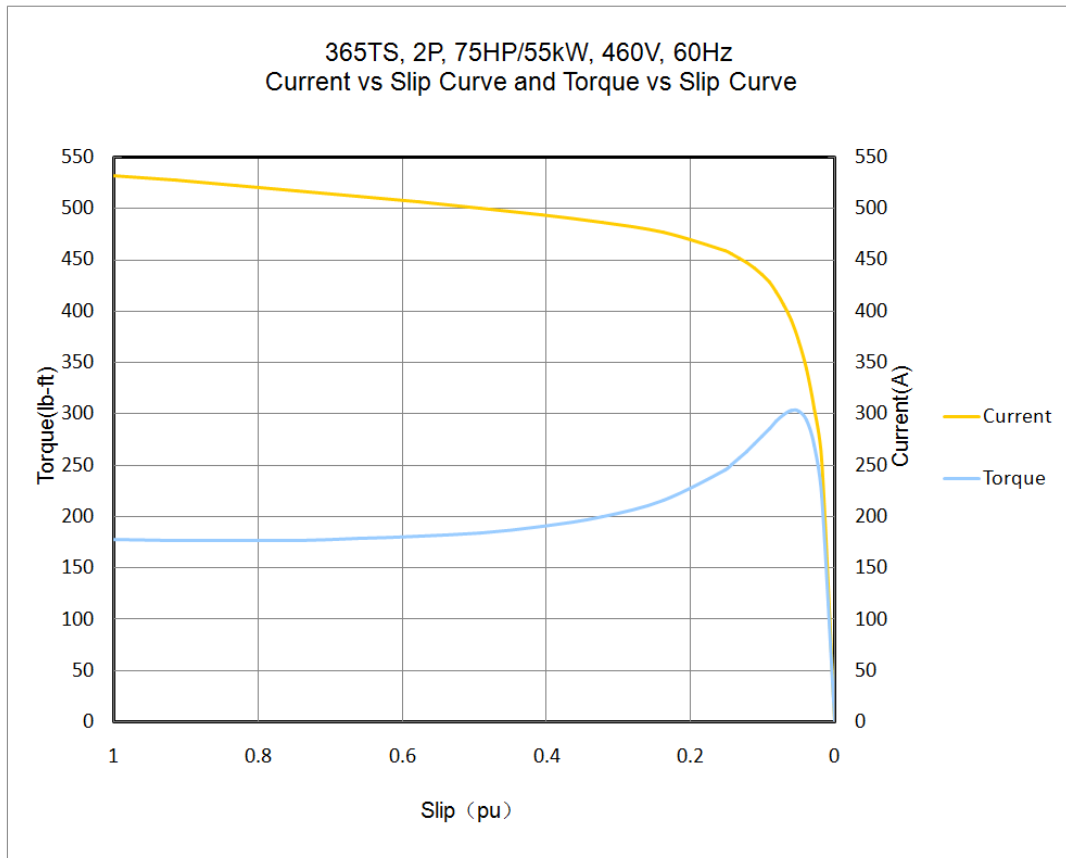
THERMOSTAT FOR: TRIP 145+/-5 DEG C
 THERMOSTAT LEADS: 3 NC TO TERMINATE IN MAIN CB
 ROTATION:CCW VIEWED FROM ODE
 CLASS /GAS GROUP:CL I GR C and D, CLASS II GR F and G
 CBOX SIZE:481 CU INCH
 INVERTER DUTY PER NEMA MG1 PART 31
 INVERTER RATED PWM 10:1 VARIABLE TORQUE, 5:1 CONSTANT TORQUE, 1.0 SF
 UL 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	94.37	94.53	93.60	93.60	94.68	93.11	0.00
% PF	91.4	91.6	89.2	88.2	86.9	71.6	26.9
AMPS(460V)	100.03	91.63	82.7	60.10	41.92	25.90	9.49
TORQUE(FL) LB-FT	108.71		TORQUE(LR)%FL	163.0	TORQUE(BD)%FL	279.0	
AMPS(LR 460V)	532.0		PF AT START	0.24%			

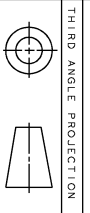
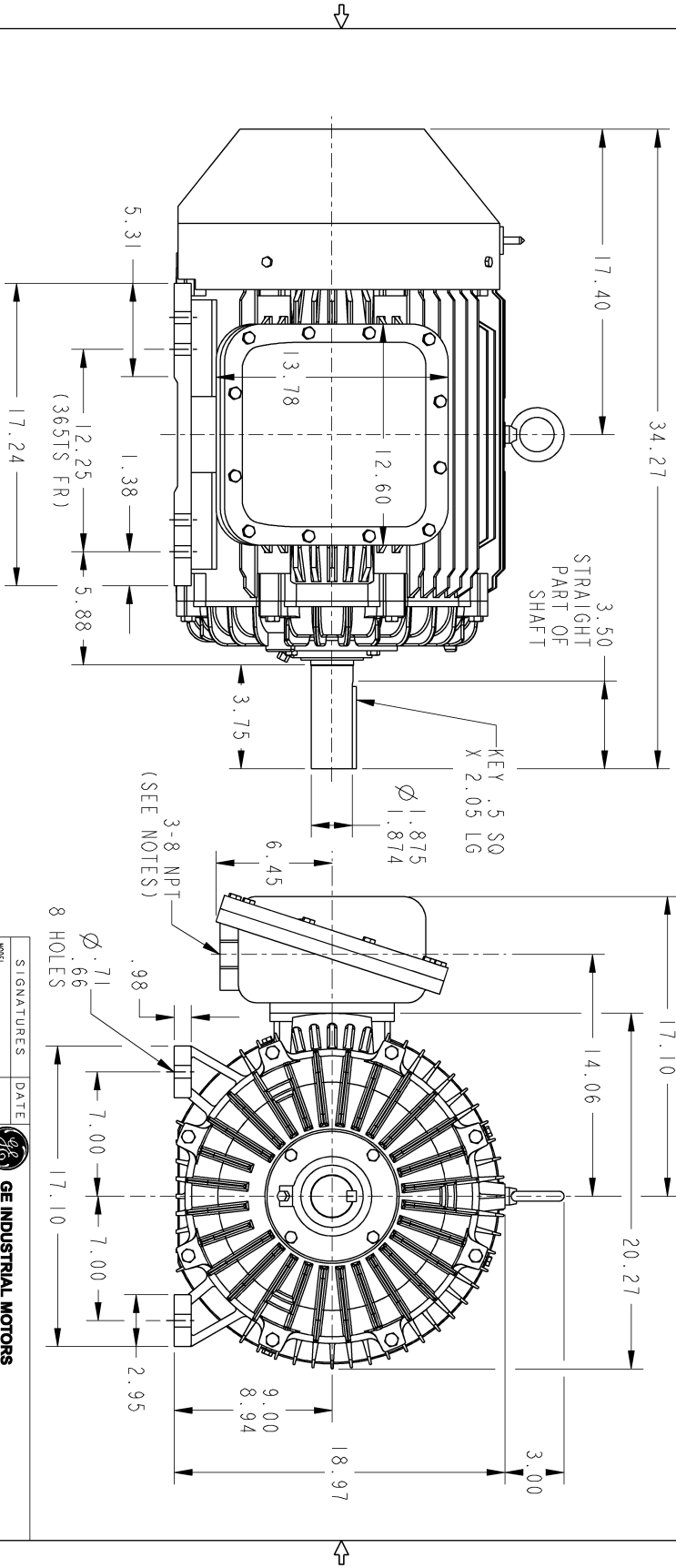
Other Useful Information for Application:

Rotor Inertia: Lb-Ft ² (Kg-m ²):	8.54(0.36)
Max load inertia: Lb-Ft ² (Kg-m ²):	71(3.0)
Load Type:	Square Torque/Speed Characteristic
Voltage:	100%
Number of starts per hour:	2 Cold or 1 Hot
Acceleration Time with maximum inertia (sec):	4.1
Safe stall time (sec): Cold/Hot	45/25



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	ISSAC #17-0780	10/24/17	SRI KANTH
2	ISSAC #18-0869	01/07/19	PRASHANTH
3	ISSAC #19-0358	04/22/19	SAHID

GE INDUSTRIAL MOTORS
a wolong company

OUTLINE
 365TS TFC EXPLOSION PROOF
 481 CU IN C/BOX

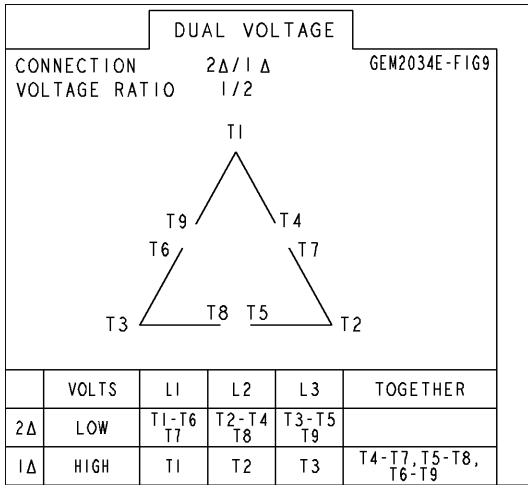
358B6506AD REV 003

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
WEG: SRI KANTH	06/22/17
ISSUED: SRI KANTH	06/22/17

SIZE: DRAWING B
 SCALE: NTS
 REF. No.:
 SHEET 1 OF 1

Marks:

Connection Diagram
GEM2034E-FIG9



Thermostat Connection
3027JE-2A

