



MILLINGTON, TN

LITTLE ROCK, AR

Job Information

Job #: 135457

Date: December 12, 2018

Priority: 2

Authorized OT: No

Authorized by: Andrew

Customer Information

Name: KTG

Motor#: 135457

Name Plate Information

Manufacturer: GE

Enclosure : Open Drop Proof (ODP)

Horsepower/kW: 50

Serial#: SEG223015

Model#: 5KS365SS308D1

Service Factor: 1.15

Frame: 365T

Rated RPM: 1195

Rated Voltage: 460

Phase: 3

Rated Amps: 58.2

Cycles: 60

Special design: No

WEST TENNESSEE

7030 Ryburn Drive
Millington, TN 38053
Phone 901-873-5300
Fax 901-873-5301

CENTRAL ARKANSAS

6812 Lindsey Rd.
Little Rock, AR 72206
Phone 501-375-9178
Fax 501-375-4254



MILLINGTON, TN

LITTLE ROCK, AR

AC Electrical Inspection

Megs at reassembly: Good

Surge at reassembly: Good

Hi-pot reassembly: Good

Winding Resistance Incoming

	Phases A to B	Phases B to C	Phases C to A	Resistive imbalance
Outgoing	0.1	0.1	0.1	0

Test Run Inspection

Date December 12, 2018

— I have merged this motor and verified that all electrical tests are complete!

Power Supply

	Phase A	Phase B	Phase C
No Load Voltage	461.4	460.9	460.2
No Load Current	14.5	14.3	14.3

Temperatures: (Degrees Fahrenheit)

Test run ball-bearing motors for 15 minutes.

Test run sleeve bearing motors for 60 minutes.

Temperature rise at the end of test run should be less than 2° every five minutes.

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Test Run Inspection (Continued)

Ambient Temp:

TIME	DE	Degree Change	ODE	Degree Change
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START:

5 MIN:

10 MIN:

15 MIN:

20 MIN:

25 MIN:

30 MIN:

35 MIN:

40 MIN:

45 MIN:

50 MIN:

55 MIN:

60 MIN:

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Test Run Inspection (Continued)

Vibration Data: In./Sec-Peak (Readings should be less than .08 In/Sec Peak)

	Horizontal	VDE	Axial
DE	0.019	0.027	0.015
ODE	0.017	0.033	0.014

Magnetic Center Measurements (Only Applies to Sleeve Bearing Motors)

Magnetic Center line distance from shaft shoulder

Magnetic Center line distance from all the way out mark

Magnetic Center line distance from all the way in mark

Total Motor End Float

Additional photos



☐ Yes, the shaft has been isolated for delivery.

Service Tech name: Nicholas Thewes

Service Tech signature:

A handwritten signature in black ink, appearing to be 'N. Thewes'.



MILLINGTON, TN

LITTLE ROCK, AR

Job Information

Job #: 139996

Date: August 30, 2019

Priority: —

Authorized OT: No

Authorized by:

Customer Information

Name: USG

Motor#: 139996

Name Plate Information

Manufacturer:	GE	Enclosure :	Open Drop Proof (ODP)	Horsepower/kW:	500
Serial#:	NLH284000883	Model#:	5K84071000302	Service Factor:	1.15
Frame:	8407S	Rated RPM:	590	Rated Voltage:	2300
Phase:	3	Rated Amps:	127	Cycles:	60
Special design:	No				

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AC Electrical Inspection

Megs at reassembly: Good

Surge at reassembly: Good

Hi-pot reassembly: Good

Winding Resistance Incoming

Phases A to B

Phases B to C

Phases C to A

Resistive imbalance

Outgoing

Test Run Inspection

Date August 30, 2019

— I have merged this motor and verified that all electrical tests are complete!

Power Supply

	Phase A	Phase B	Phase C
No Load Voltage	2300	2300	2300
No Load Current	58	59	62

Temperatures: (Degrees Fahrenheit)

Test run ball-bearing motors for 15 minutes.

Test run sleeve bearing motors for 60 minutes.

Temperature rise at the end of test run should be less than 2° every five minutes.

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Test Run Inspection (Continued)

Ambient Temp: 70

TIME	DE	Degree Change	ODE	Degree Change
START:	70	0	70	0
5 MIN:	72	2	71	1
10 MIN:	74	2	72	1
15 MIN:	75	1	73	1
20 MIN:				
25 MIN:				
30 MIN:				
35 MIN:				
40 MIN:				
45 MIN:				
50 MIN:				
55 MIN:				
60 MIN:				

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Test Run Inspection (Continued)

Vibration Data: In./Sec-Peak (Readings should be less than .08 In/Sec Peak)

	Horizontal	VDE	Axial
DE	0.024	0.020	0.018
ODE	0.032	0.023	0.019

Magnetic Center Measurements (Only Applies to Sleeve Bearing Motors)

Magnetic Center line distance from shaft shoulder

Magnetic Center line distance from all the way out mark

Magnetic Center line distance from all the way in mark

Total Motor End Float

Additional photos



Yes, the shaft has been isolated for delivery.

Service Tech name: Michael

Service Tech signature: