



MILLINGTON, TN

LITTLE ROCK, AR

Job Information

Job #: 95038

Date: December 24,
2018

Priority: —

Authorized OT: No

Authorized by:

Customer Information

Name: Crow construction

Motor#:

Name Plate Information

Manufacturer:	U.S. Electric	Enclosure :	Totally Enclosed Fan Cooled	Horsepower/kW:	350
Serial#:	Type:JLE	Model#:	G48363- A03A042R033M2	Service Factor:	1.15
Frame:	5807ML	Rated RPM:	1790	Rated Voltage:	2300/4000
Phase:	3	Rated Amps:	78/43	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



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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	0.279	0.277	0.279	0.7

Test Run Inspection

Date December 24, 2018

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

Power Supply

	Phase A	Phase B	Phase C
No Load Voltage	2298	2290	2301
No Load Current	17.3	16.9	16.9

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	0.03	0.08	0.04
ODE	0.06	0.02	0.05

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: Terrence Holland

Service Tech signature:

