



MILLINGTON, TN

LITTLE ROCK, AR

Job Information

Job #: 94458

Date: August 30, 2018

Priority: —

Authorized OT: No

Authorized by:

Customer Information

Name: Hardwick Grup

Motor#:

Name Plate Information

Manufacturer: BALDOR

Enclosure : Explosion-proof
enclosures (EXPL/

Horsepower/kW: 75

Serial#: C1001220423

Model#: 14P024W982HI

Service Factor: 1.00

Frame: 365T

Rated RPM: 1780

Rated Voltage: 230/460

Phase: 3

Rated Amps: 170/85

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	69.440	69.001	68.445	0.8

Test Run Inspection

Date August 30, 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	458	455	457
No Load Current	29.2	28.2	27.9

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:	86		80	
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10 MIN:	87		81	
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15 MIN:	88		83	
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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	0.02	0.06	0.01
ODE	0.06	0.08	0.00

Magnetic Center Measurements (Only Applies to Sleeve Bearing Motors)

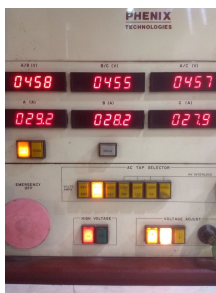
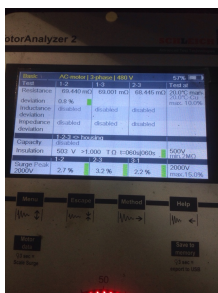
Magnetic Center line distance from shaft shoulder

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: Robert Wiley

Service Tech signature:

Robert Wiley