



MILLINGTON, TN

LITTLE ROCK, AR

Job Information

Job #: 96941

Date: June 15, 2020

Priority: —

Authorized OT: No

Authorized by:

Customer Information

Name: Arkansas box

Motor#:

Name Plate Information

Manufacturer: Emerson

Enclosure : Open Drop Proof
(ODP)

Serial#: 80202HT

Model#: 2890B452032

Service Factor:

Frame: 289ATZ

Horsepower/kW: 40

Rated RPM: 1750/2300

Armature

Volts 500

Amps 67

Fields

Volts 300

Amps 1.8510

Test Run Inspection

Date June 15, 2020

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	300	
No Load Current	2.4	2.6	

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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Test Run Inspection (Continued)

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.

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

ODE

Magnetic Center Measurements (Only Applies to Sleeve Bearing Motors)

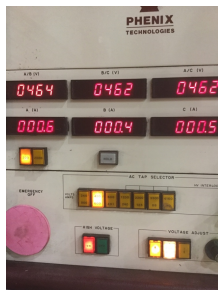
Magnetic Center line distance from shaft shoulder

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:

