



MILLINGTON, TN

LITTLE ROCK, AR

Job Information

Job #: 138368

Date: November 7, 2018

Priority: 1Rush No OT

Authorized OT: No

Authorized by: Andrew

Customer Information

Name: New Millennium

Motor#: 138368

Name Plate Information

Manufacturer: Reliance

Enclosure : Open Drop Proof (ODP)

Serial#: 1uk828595t1-dg

Model#: N/A

Service Factor: N/A

Frame: 503ADZ

Horsepower/kW: 15

Rated RPM: 400/2400

Armature

Volts 240

Amps 5463

Fields

Volts 120

Amps 4.1

Test Run Inspection

Date November 7, 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	240		
No Load Current	5		

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	0.016	0.025	0.018
ODE	0.013	0.018	0.017

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:

