



MILLINGTON, TN

LITTLE ROCK, AR

Job Information

Job #: 141872

Date: April 1, 2020

Priority: —

Authorized OT: No

Authorized by:

Customer Information

Name:

Motor#: 141872

Name Plate Information

Manufacturer: Reliance

Enclosure : Open Drop Proof
(ODP)

Serial#: T16G30J5N-70

Model#:

Service Factor: 1.00

Frame: 1610ATC

Horsepower/kW: 1-1/2 HP

Rated RPM: 1750

Armature

Volts 180

Amps 7.4

Fields

Volts 100200

Amps 9618

Test Run Inspection

Date April 1, 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

No Load Current

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: 67

TIME	DE	Degree Change	ODE	Degree Change
START:	67	0	67	0
5 MIN:	68	1	68	1
10 MIN:	69	1	69	1
15 MIN:	71	2	70	0
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	0.026	0.019
ODE	0.023	0.027	0.020

Magnetic Center Measurements (Only Applies to Sleeve Bearing Motors)

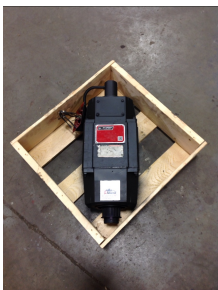
Magnetic Center line distance from shaft shoulder

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 Jordan

Service Tech signature: