



MILLINGTON, TN

LITTLE ROCK, AR

Job Information

Job #: 136991

Date: July 6, 2018

Priority: —

Authorized OT: No

Authorized by:

Customer Information

Name: Friedman

Motor#: 136991

Name Plate Information

Manufacturer: Reliance electric

Enclosure : Open Drop Proof
(ODP)

Serial#: O1KH503668-BA

Model#:

Service Factor: 1.15

Frame: C3613ATZ

Horsepower/kW: 125

Rated RPM: 850/1700

Armature

Volts 500

Amps 203

Fields

Volts 300

Amps 8.84

Test Run Inspection

Date July 6, 2018

— 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



MILLINGTON, TN

LITTLE ROCK, AR

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: 90

TIME	DE	Degree Change	ODE	Degree Change
START:	90	0	90	0
5 MIN:	91	1	90	0
10 MIN:	92	1	92	2
15 MIN:	93	1	93	1
20 MIN:				
25 MIN:				
30 MIN:				
35 MIN:				
40 MIN:				
45 MIN:				
50 MIN:				
55 MIN:				
60 MIN:				

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

Test Run Inspection (Continued)

Vibration Data: In./Sec-Peak (Readings should be less than .08 In/Sec Peak)

	Horizontal	VDE	Axial
DE	0.014	0.016	0.017
ODE	0.013	0.017	0.013

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

Service Tech signature:

