



MILLINGTON, TN

LITTLE ROCK, AR

## Job Information

Job #: 95053

Date: January 3, 2019

Priority: —

Authorized OT: No

Authorized by:

## Customer Information

Name: Crow Construction

Motor#:

## Name Plate Information

Manufacturer:	IDEAL	Enclosure :	Open Drop Proof (ODP)	Horsepower/kW:	450
Serial#:	AT	Model#:	278962	Service Factor:	1.0
Frame:	7684	Rated RPM:	1182	Rated Voltage:	2300
Phase:	3	Rated Amps:	99	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	0.401	0.400	0.400	0.1

## Test Run Inspection

Date      January 3, 2019

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	2304	2300	2308
No Load Current	21.5	20.1	19.7

### 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:

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	0.01	0.04	0.02
ODE	0.02	0.02	0.07

Magnetic Center Measurements (Only Applies to Sleeve Bearing Motors)

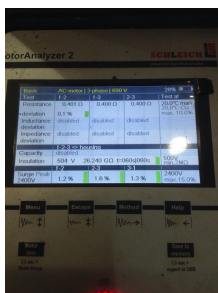
Magnetic Center line distance from shaft shoulder

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:

