



MILLINGTON, TN

LITTLE ROCK, AR

## Job Information

Job #: 138133

Date: February 26,  
2019

Priority: —

Authorized OT: No

Authorized by:

## Customer Information

Name: KTG

Motor#: 138133

## Name Plate Information

Manufacturer: ABB

Enclosure : Totally Enclosed  
Fan Cooled

Horsepower/kW: 683

Serial#:

Model#: M3BP400LB6B3

Service Factor: S1

Frame: 400LB

Rated RPM: 1194

Rated Voltage: 480

Phase: 3

Rated Amps: 780

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

## Test Run Inspection

Date February 26, 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	480.2	481.3	481.0
No Load Current	330.1	331.1	331.0

### 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:** 62

TIME	DE	Degree Change	ODE	Degree Change
START:	61	0	61	0
5 MIN:	72	11	66	5
10 MIN:	74	2	68	2
15 MIN:	76	2	70	2
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	00.51	0.014	0.025
ODE	0.035	0.019	0.024

## 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: