



MILLINGTON, TN

LITTLE ROCK, AR

## Job Information

Job #: 139469

Date: April 23, 2019

Priority: —

Authorized OT: No

Authorized by:

## Customer Information

Name: CS3, INC.

Motor#:

## Name Plate Information

Manufacturer: JOY

Enclosure : Totally Enclosed  
Non-Ventilated

Horsepower/kW: 50

Serial#:

Model#:

Service Factor:

Frame: 326TCZ

Rated RPM: 1770

Rated Voltage: 460

Phase: 3

Rated Amps: 78

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 April 23, 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	462	473	468
No Load Current	23	26	27

### 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	0.056	0.087	0.058
ODE	0.071	0.057	0.058

## Magnetic Center Measurements (Only Applies to Sleeve Bearing Motors)

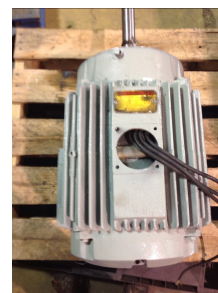
Magnetic Center line distance from shaft shoulder

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: Kelly Felts

Service Tech signature:

