



MILLINGTON, TN

LITTLE ROCK, AR

## Job Information

Job #: 96460

Date: March 2, 2020

Priority: —

Authorized OT: No

Authorized by:

## Customer Information

Name: Johnson Controls

Motor#:

## Name Plate Information

Manufacturer:	York	Enclosure :	Open Drop Proof (ODP)	Horsepower/kW:	1993
Serial#:	4Y43QR-01	Model#:		Service Factor:	1.10
Frame:	5011SPCL	Rated RPM:	3600	Rated Voltage:	4000
Phase:	3	Rated Amps:	249	Cycles:	60
Special design:	Yes				

### 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 March 2, 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	4002	4012	4017
No Load Current	45.2	43.7	44.1

### 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
START:	80		80	
5 MIN:	95		112	
10 MIN:	105		121	
15 MIN:	110		126	
20 MIN:	111		127	
25 MIN:	112		128	
30 MIN:	113		130	
35 MIN:	114		130	
40 MIN:	114		131	
45 MIN:	114		131	
50 MIN:	115		131	
55 MIN:	115		131	
60 MIN:	115		132	

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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	0.2	0.02	0.01
ODE	0.02	0.02	0.01

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

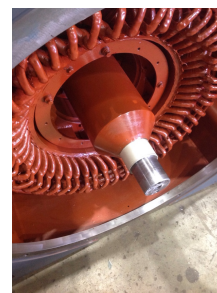
Magnetic Center line distance from shaft shoulder

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: Trevor Hall

Service Tech signature:

