



MILLINGTON, TN

LITTLE ROCK, AR

Job Information

Job #: 133324

Date: December 22,
2017

Priority: 3

Authorized OT: No

Authorized by:

Customer Information

Name: Johnson Controls

Motor#: 324TS

Name Plate Information

Manufacturer: Usw

Enclosure : Open Drop Proof
(ODP)

Horsepower/kW: 40

Serial#: 324ts

Model#: 324ts

Service Factor:

Frame:

Rated RPM: 109

Rated Voltage: 40

Phase: 2

Rated Amps: 40

Cycles: 2

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 December 22, 2017

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	12	12	12
No Load Current	13	14	15

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: 40

TIME	DE	Degree Change	ODE	Degree Change
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START:	40			
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5 MIN:	40			
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10 MIN:	40			
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15 MIN:	40			
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20 MIN:	40			
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25 MIN:				
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30 MIN:				
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35 MIN:				
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40 MIN:				
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45 MIN:				
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50 MIN:				
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55 MIN:				
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60 MIN:				
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Test Run Inspection (Continued)

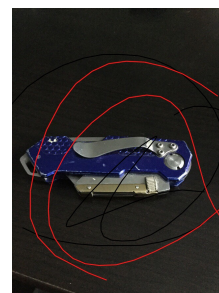
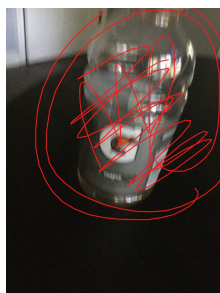
Vibration Data: In./Sec-Peak (Readings should be less than .08 In/Sec Peak)

	Horizontal	VDE	Axial
DE	21	22	23
ODE	24	25	26

Magnetic Center Measurements (Only Applies to Sleeve Bearing Motors)

Magnetic Center line distance from shaft shoulder	12
Magnetic Center line distance from all the way out mark	13
Magnetic Center line distance from all the way in mark	14
Total Motor End Float	15

Additional photos



☒ Yes, the shaft has been isolated for delivery.

Service Tech name: Mitch Hitch

Service Tech signature:

