



MILLINGTON, TN

LITTLE ROCK, AR

Job Information

Job #: 142174

Date: March 31, 2020

Priority: —

Authorized OT: No

Authorized by: Terry f

Customer Information

Name: Process and power

Motor#:

Name Plate Information

Manufacturer:	Ingersoll rand	Enclosure :	Open Drop Proof (ODP)	Horsepower/kW:	215
Serial#:	724406/002	Model#:	23694904	Service Factor:	1.21
Frame:	Na	Rated RPM:	1800	Rated Voltage:	400
Phase:	3	Rated Amps:	315	Cycles:	
Special design:	No				



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	0.2	0.2	0.2	0.2

Test Run Inspection

Date March 31, 2020

— I have merged this motor and verified that all electrical tests are complete!

Power Supply

	Phase A	Phase B	Phase C
No Load Voltage			
No Load Current			

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.



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:

Test Run Inspection (Continued)

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

	Horizontal	VDE	Axial
DE			
ODE			

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: Terry f

Service Tech signature:

