Job Information

Job #:	140148			Date:	July 15, 2019
Priority:	—	Authorized OT:	No	Authorized by:	

Customer Information

Name:	HSLR	Motor#:	140148

Name Plate Information

Manufacturer:	Reliance	Enclosure :	Open Drop Proof (ODP)	Horsepower/kW:	100
Serial#:	F40G240M G3. SS	Model#:	21MN400240	Service Factor:	1.15
Frame:	405T	Rated RPM:	1785	Rated Voltage:	460
Phase:	3	Rated Amps:	111	Cycles:	60
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				

Test Run Inspection

Date July 15, 2019

— 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	465	463
No Load Current	27	28	28

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: 78

TIME	DE	Degree Change	ODE	Degree Change
START:	78	0	78	0
5 MIN:	79	1	79	1
10 MIN:	79	0	80	1
15 MIN:	82	2	82	2
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	0.037	0.040	0.030
ODE	0.036	0.043	0.028

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: