Job Information

Job #:	95024			Date:	December 19, 2018
Priority:	—	Authorized OT:	No	Authorized by:	

Customer Information

Name:	Crow construction	Motor#:	

Name Plate Information

Manufacturer:	GE	Enclosure :	Totally Enclosed Fan Cooled	Horsepower/kW:	350
Serial#:	648363a03a042r033 m1	Model#:		Service Factor:	
Frame:	5807ml	Rated RPM:	1790	Rated Voltage:	2300/4000
Phase:	3	Rated Amps:	78/45	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	0.287	0.279	0.281	1.9

Test Run Inspection

Date December 19, 2018

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	2293	2283	2294
No Load Current	16.7	16.5	16.3

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:	79		79	
5 MIN:	80		80	
10 MIN:	82		83	
15 MIN:	85		85	
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	0.1	0.2	0.2
ODE	0.2	0.1	0.1

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/Robert Wiley

Service Tech signature: