

### **Job Information**

Job #:	142959				Date:	July 29, 2020
Priority:	_	Authorized OT:	No	Authorized by:		

## **Customer Information**

Name:	Metro Mechanical Contractors	Motor#:

### **Name Plate Information**

Manufacturer:	GE	Enclosure :	Open Drop Proof (ODP)	Horsepower/kW:	1.25
Serial#:	Xy240001	Model#:		Service Factor:	
Frame:	Special	Rated RPM:	850	Rated Voltage:	230
Phase:	3	Rated Amps:	6.0	Cycles:	60

Special design: No

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## **AC Electrical Inspection**

Megs at reassemb	oly: 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	3.118	3.117	3.118	0			
Test Run I	nspection	Date	July 29, 2020				

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

#### **Power Supply**

	Phase A	Phase B	Phase C
No Load Voltage	230	231	230
No Load Current	5.4	5.3	5.4

### **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:	77			
TIME	DE	Degree Change	ODE	Degree Change
START:	77		77	
5 MIN:	79		79	
10 MIN:				
15 MIN:				
20 MIN:				
25 MIN:				
30 MIN:				
35 MIN:				
40 MIN:				
45 MIN:				
50 MIN:				
55 MIN:				
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	0.01	0.01	0.02	
ODE	0.009	0.01	0.02	

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

Magnetic Center line distance from shaft shoulder

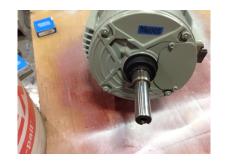
Magnetic Center line distance from all the way out mark

Magnetic Center line distance from all the way in mark

Total Motor End Float

### **Additional photos**





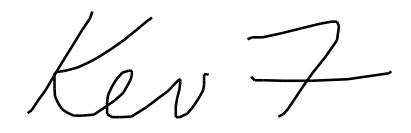


Yes, the shaft has been isolated for delivery.

Service Tech name:

**Kevin Foster** 

Service Tech signature:



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