Job Information

Job #:	140580			Date:	September 27, 2019
Priority:	—	Authorized OT:	No	Authorized by:	

Customer Information

Name:	USG	Motor#:	140580

Name Plate Information

Manufacturer:	Emerson	Enclosure :	Open Drop Proof (ODP)	Horsepower/kW:	60
Serial#:	8P6 OP2 C	Model#:	BJ53	Service Factor:	1.15
Frame:	364T	Rated RPM:	1785	Rated Voltage:	460
Phase:	3	Rated Amps:	69.00	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	15.019	15.023	14.997	0.2

Test Run Inspection

Date September 27, 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	460.1	463.6	461.8
No Load Current	18.43	19.85	20.29

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: 71

TIME	DE	Degree Change	ODE	Degree Change
START:	71	0	71	0
5 MIN:	72	1	72	1
10 MIN:	74	2	73	1
15 MIN:	76	2	75	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	0.041	0.021	0.017
ODE	0.059	0.020	0.018

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

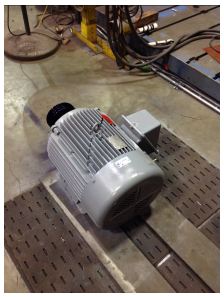
Magnetic Center line distance from shaft shoulder

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

Service Tech signature: