Job Information

Job #:	138831			Date:	July 31, 2019
Priority:	—	Authorized OT:	No	Authorized by:	

Customer Information

Name:	Most	Motor#:	138831

Name Plate Information

Manufacturer:	Wet	Enclosure :	Totally Enclosed Air Over (TEAO)	Horsepower/kW:	1000
Serial#:	1041037915	Model#:	MGP80	Service Factor:	1.0/1.15
Frame:		Rated RPM:	713	Rated Voltage:	4160
Phase:	3	Rated Amps:	134.1	Cycles:	60
Special design:	Yes				

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 31, 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	4160	4161	4160
No Load Current	48	51	49

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:	81	2	80	1
15 MIN:	82	1	81	1
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	0.020	0.021	0.024
ODE	0.021	0.023	0.025

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

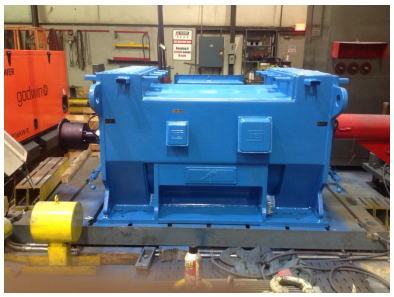
Magnetic Center line distance from shaft shoulder

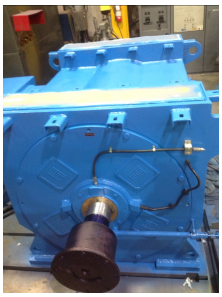
Magnetic Center line distance from all the way out mark

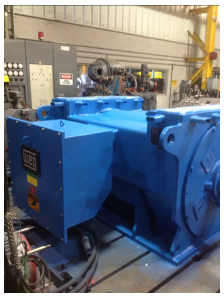
Magnetic Center line distance from all the way in mark

Total Motor End Float

Additional photos







☑ Yes, the shaft has been isolated for delivery.

Service Tech name: Michael

Service Tech signature: