Job Information

Job #:	141802			Date:	March 2, 2020
Priority:	—	Authorized OT:	No	Authorized by:	

Customer Information

Name:	KTG	Motor#:	141802

Name Plate Information

Manufacturer:	US	Enclosure :	Weather Protected I (WPI)	Horsepower/kW:	75
Serial#:		Model#:		Service Factor:	1.15
Frame:	365Tp	Rated RPM:	1775	Rated Voltage:	460
Phase:	3	Rated Amps:	177.00/88.00	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				

Test Run Inspection

Date March 2, 2020

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	460	461	460
No Load Current	24	25	24

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: 60

TIME	DE	Degree Change	ODE	Degree Change
START:	60	0	60	0
5 MIN:	61	1	60	0
10 MIN:	62	1	61	1
15 MIN:	63	1	61	0
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	0.085	0.083	0.050
ODE	0.050	0.056	0.052

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: