Job Information

Job #:	142662			Date:	June 19, 2020
Priority:	—	Authorized OT:	No	Authorized by:	

Customer Information

Name:	KTG	Motor#:	142662

Name Plate Information

Manufacturer:	Mario cotta	Enclosure :	Open Drop Proof (ODP)	Horsepower/kW:	.45kw
Serial#:		Model#:		Service Factor:	S1
Frame:		Rated RPM:	1590	Rated Voltage:	380
Phase:	3	Rated Amps:	1.3	Cycles:	85
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	24	24	24	0.2

Test Run Inspection

Date June 19, 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	230	231	230
No Load Current	1.1	1.0	1.2

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: 80

TIME	DE	Degree Change	ODE	Degree Change
START:	80	0	80	0
5 MIN:	81	1	81	1
10 MIN:	82	1	82	1
15 MIN:	83	1	83	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	0.045	0.051	0.025
ODE	0.047	0.053	0.023

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: