Job Information

Job #:	94824			Date:	November 2, 2018
Priority:	—	Authorized OT:	No	Authorized by:	

Customer Information

Name:	Flakeboard	Motor#:	

Name Plate Information

Manufacturer:	Siemens	Enclosure :	Totally Enclosed Fan Cooled	Horsepower/kW:	60
Serial#:	K04T014GEU8	Model#:	1LA03644FP21	Service Factor:	1.15
Frame:	364T	Rated RPM:	1775	Rated Voltage:	230/460
Phase:	3	Rated Amps:	142/70.8	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	0.111	0.111	0.111	0.6

Test Run Inspection

Date November 2, 2018

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

Power Supply

	Phase A	Phase B	Phase C
No Load Voltage	642	460	460
No Load Current	27.4	27.4	26.9

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:

TIME	DE	Degree Change	ODE	Degree Change
START:				
5 MIN:				
10 MIN:				
15 MIN:				
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	0.012	0.006	0.017
ODE	0.021	0.006	0.019

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

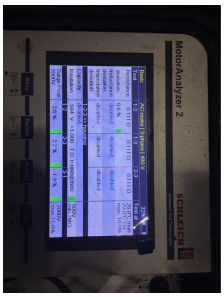
Magnetic Center line distance from shaft shoulder

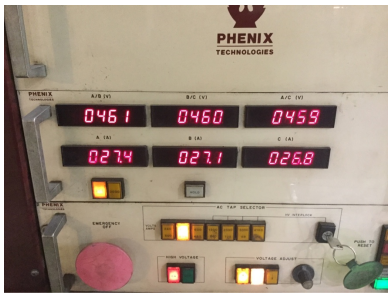
Magnetic Center line distance from all the way out mark

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: Lynn McDonald

Service Tech signature: Lynn McDonald