Job Information

Job #:	94386			Date:	June 14, 2018
Priority:	—	Authorized OT:	No	Authorized by:	

Customer Information

Name:	Democrat Printing	Motor#:	

Name Plate Information

Manufacturer:	Siemens	Enclosure :	Totally Enclosed Non-Ventilated	Horsepower/kW:	41/44/44 kW
Serial#:	1PH7167-2EG330B DB8	Model#:	YFV846071301004	Service Factor:	
Frame:		Rated RPM:	2000/2300/2650	Rated Voltage:	350/398/459
Phase:	3	Rated Amps:	89/85/77	Cycles:	67/77/89
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	51.772	51.347	51.606	0.5

Test Run Inspection

Date June 14, 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	350	348	349
No Load Current	56.9	54.2	55.0

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			
ODE			

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

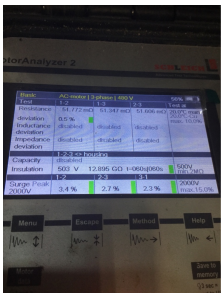
Magnetic Center line distance from shaft shoulder

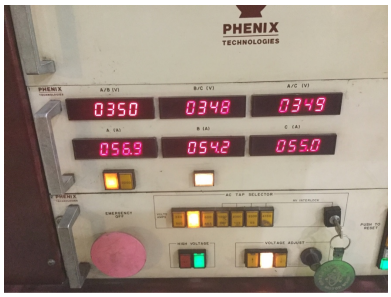
Magnetic Center line distance from all the way out mark

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: