



MILLINGTON, TN

LITTLE ROCK, AR

## Job Information

Job #: 96463

Date: January 27,  
2020

Priority: —

Authorized OT: No

Authorized by:

## Customer Information

Name: Delta Plastics

Motor#:

## Name Plate Information

Manufacturer:	Siemens	Enclosure :	Totally Enclosed Fan Cooled	Horsepower/kW:	864
Serial#:	Nj215055510010001 201	Model#:	1lab4034pb90z	Service Factor:	
Frame:		Rated RPM:	1791	Rated Voltage:	460
Phase:	3	Rated Amps:	970	Cycles:	60
Special design:	No				

**WEST TENNESSEE**  
7030 Ryburn Drive  
Millington, TN 38053  
Phone 901-873-5300  
Fax 901-873-5301

**CENTRAL ARKANSAS**  
6812 Lindsey Rd.  
Little Rock, AR 72206  
Phone 501-375-9178  
Fax 501-375-4254



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## 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 January 27, 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	462	462	464
No Load Current	306.4	290.6	301.6

### 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.

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## Test Run Inspection (Continued)

### Ambient Temp:

TIME	DE	Degree Change	ODE	Degree Change
START:	89		79	
5 MIN:	89		79	
10 MIN:				
15 MIN:	109		92	
20 MIN:				
25 MIN:				
30 MIN:	124		99	
35 MIN:				
40 MIN:				
45 MIN:	135		109	
50 MIN:				
55 MIN:				
60 MIN:	135		113	

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## Test Run Inspection (Continued)

Vibration Data: In./Sec-Peak (Readings should be less than .08 In/Sec Peak)

	Horizontal	VDE	Axial
DE	0.03	0.04	0.05
ODE	0.03	0.03	0.05

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

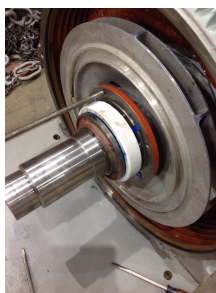
Magnetic Center line distance from shaft shoulder

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: Trevor Hall

Service Tech signature:

