



MILLINGTON, TN

LITTLE ROCK, AR

Job Information

Job #: 140556

Date: September 18, 2019

Priority: —

Authorized OT: No

Authorized by:

Customer Information

Name: Process and power

Motor#: 140556

Name Plate Information

Manufacturer: Marathon

Enclosure : Open Drop Proof (ODP)

Horsepower/kW: 60HP

Serial#:

Model#:

Service Factor:

Frame: 364T

Rated RPM: 1800

Rated Voltage: 460

Phase: 3

Rated Amps:

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



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	0.17	0.17	0.17	0.4

Test Run Inspection

Date September 18, 2019

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	458	462	460
No Load Current	29	32	31

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: 79

TIME	DE	Degree Change	ODE	Degree Change
START:	79	0	79	0
5 MIN:	80	1	80	1
10 MIN:	81	1	81	1
15 MIN:	83	2	82	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	0.036	0.023	0.018
ODE	0.034	0.024	0.016

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: