



MILLINGTON, TN

LITTLE ROCK, AR

Job Information

Job #: 139640

Date: April 30, 2019

Priority: —

Authorized OT: No

Authorized by:

Customer Information

Name: KTG

Motor#: 139640

Name Plate Information

Manufacturer: Teco

Enclosure : Open Drop Proof
(ODP)

Horsepower/kW: 50HP

Serial#: TBH7166115 002

Model#: EP0504

Service Factor: 1.15

Frame: 326T

Rated RPM: 1770

Rated Voltage: 230/460

Phase: 3

Rated Amps: 113.8/56.9

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



MILLINGTON, TN

LITTLE ROCK, AR

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 April 30, 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	460	460	460
No Load Current	22	23	22

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.

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



MILLINGTON, TN

LITTLE ROCK, AR

Test Run Inspection (Continued)

Ambient Temp: 70

TIME	DE	Degree Change	ODE	Degree Change
START:	70	0	70	0
5 MIN:	71	1	71	1
10 MIN:	71	0	71	0
15 MIN:	73	2	72	1
20 MIN:				
25 MIN:				
30 MIN:				
35 MIN:				
40 MIN:				
45 MIN:				
50 MIN:				
55 MIN:				
60 MIN:				

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

Test Run Inspection (Continued)

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

	Horizontal	VDE	Axial
DE	0.036	0.032	0.024
ODE	0.035	0.034	0.025

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 Jordan

Service Tech signature: