



MILLINGTON, TN

LITTLE ROCK, AR

Job Information

Job #: 141239

Date: January 6, 2020

Priority: —

Authorized OT: No

Authorized by:

Customer Information

Name: Toyota

Motor#:

Name Plate Information

Manufacturer: Yaskawa

Enclosure : Open Drop Proof
(ODP)

Serial#: S14E71101

Model#: GBDR-K

Service Factor:

Frame: 280BD

Horsepower/kW: 185

Rated RPM: 1750

Armature

Volts 440

Amps 452

Fields

Volts 150

Amps 12.7

Test Run Inspection

Date January 6, 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	350	68	
No Load Current	11.6	10.7	

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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Test Run Inspection (Continued)

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.

Ambient Temp:

TIME	DE	Degree Change	ODE	Degree Change
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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:

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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	0.035	0.030	0.024
ODE	0.029	0.036	0.029

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: Kelly Felts

Service Tech signature:

