



MILLINGTON, TN

LITTLE ROCK, AR

Job Information

Job #: 97140

Date: August 5, 2020

Priority: —

Authorized OT: No

Authorized by:

Customer Information

Name: Fleming Control

Motor#:

Name Plate Information

Manufacturer: ABB

Enclosure : Open Drop Proof
(ODP)

Horsepower/kW: 5.5KW

Serial#: 3GP13137575

Model#: M3AA100LB2

Service Factor:

Frame: 100L

Rated RPM: 3480

Rated Voltage: 230/460

Phase: 3

Rated Amps: 5.5

Cycles: 60

Special design: No

AC Electrical Inspection

Megs after rewind: Good

Surge after rewind: Good

Hi-pot after rewind: Good

Core loss: Good

Thermistors: None

Thermostat: None

RTD: None

ohms at

degrees C

Motor Heater(s) Present: Yes

Qty:

Voltage:

Wattage:

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 (Continued)

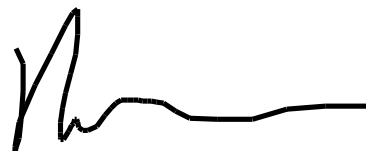


Core Test Data

	Flux	Watts	Watts loss per lb	Condition of iron
Before burnout				
After burnout	83.884	0.476	3.540	184

Conclusion

Service Tech name: RHR

Service Tech signature:



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MILLINGTON, TN

LITTLE ROCK, AR

Polyphase AC Winding

Polyphase Date: August 5, 2020

Hp/kw: 5.5KW RPM: 3480 Poles: 2 Manufacturer: ABB

Slots: 36 Type: Volts: 230/460

Coils: 18 Model: M3AA100LB2 Amps: 5.5

Serial#: 3GP13137575 Phase: 3

6 Of 3
Grouping
Of

Lead marking: 1-2-3-4-5-6 Hertz: 60

Turns/Coil: 23 Lead length: 12 C Rise: Frame: 100L

Wire Size: 20 Lead size: 16 Duty: C AMB:

Wire Mult.: 2 Num. Leads: 6 Eff.: Ins. Cls.:

Pitch 1 to: 141618 ☐ DP ☐ TEFC ☐ XPRF ☐ TENV S.F.:

Connection: 1Y1D

Jumper:

Core length: 4.25

Core ID: 3.5

Back iron: 1.0

Slot depth: 0.5

Slot/tooth w: 0.187

Wire weight: 6

Vents: Size

COIL

Connection End
(Facing Terminal Box)☒ Left☐ Right

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MILLINGTON, TN

LITTLE ROCK, AR

Single Phase{ Split Phase ☐
Capacitor: ☐ Start☐ Start & Run☐ Perm. Split

Hp/kw: 5.5KW

RPM: 3480

Manufacturer: ABB

Run

Start

Type:

Volts: 230/460

Model: M3AA100LB2

Amps: 5.5

Style:

Hertz:

Form:

Frame:

Coils/pole

Dwg No.

C Rise:

Hrs.:

Cap. Mfd.:

Wire Size

Serial#: 3GP13137575

Wires in par.

Duty: —

☐ BB☐ SB

No. Circuits

Open: —

Coil Ext.

Sta.length:

Sta.b.i.:

Stator Bore

Running ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Slot No. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

Starting ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Customer: Fleming Control

(Please return a copy to EASA Headquarters, 1331 Baur Blvd., St. Louis, MO 63132)

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AC Stator Form Coil Data

1. Core bore diameter
2. Total core length
3. Back iron
4. No. of vents
5. Width of vents
6. Finger plate width
7. Overall coil length
8. Connection end extension
9. Opposite Conn. End Ext.
10. Straight length bottom side
11. Straight length top side
12. Small knuckle drop. CE
13. Large knuckle drop. CE
14. Conn. Support Ring from core
15. Opp. Conn. Supp. Ring from core
16. Connection support ring ID
17. Opp. Conn. Supp. Ring ID
18. Total slot depth
19. Slot depth under wedge
20. Slot width

OCE

OCE



AC Stator Form Coil Data (Continued)

21. Lead location ☐ A ☐ B ☐ C ☐ D

22. Coil type ☐ Left hand ☐ Right hand

23. Coil leads Long# LG

Short# LG

☐ Out ☐ Down

24. Jumper —

25. Connection —

26. No. of circuits

27. No. of slots

28. Coil throw 1-

29. Turns per coil

30. Total wires in parallel

31. Bare wire sizes () x

() x

32. Strand insulation

☐ Film ☐ Glass ☐ Mica ☐ Bare ☐ Other

33. Coil weight Lbs.

34. Groups of Coils

Groups of Coils

35. Iron skewed ☐ Right ☐ Left in


AC Stator Form Coil Data (Continued)

Special Features	Yes	No
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Data change	<input type="checkbox"/>	<input type="checkbox"/>
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Coil support ring steel	<input type="checkbox"/>	<input type="checkbox"/>
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Terrace wound	<input type="checkbox"/>	<input type="checkbox"/>
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Corona Protection	<input type="checkbox"/>	<input type="checkbox"/>
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RTDs	<input type="checkbox"/>	<input type="checkbox"/>
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Ohms Qty		
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Hermetic	<input type="checkbox"/>	<input type="checkbox"/>
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Slot paper used	<input type="checkbox"/>	<input type="checkbox"/>
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Insulation class	<input type="checkbox"/> B	<input type="checkbox"/> F	<input type="checkbox"/> H
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<input type="checkbox"/> VPI	<input type="checkbox"/> Dip & Bake	<input type="checkbox"/> Sealed
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<input type="checkbox"/> Leads taped	<input type="checkbox"/> Leads sleeved
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Comments

