



MILLINGTON, TN

LITTLE ROCK, AR

Job Information

Job #: 142990low

Date: August 4, 2020

Priority: —

Authorized OT: No

Authorized by:

Customer Information

Name: Southern Steel

Motor#:

Name Plate Information

Manufacturer: R&M

Enclosure : Totally Enclosed
Fan Cooled

Horsepower/kW: 11kw

Serial#:

Model#:

Service Factor:

Frame:

Rated RPM: 440

Rated Voltage: 480

Phase: 3

Rated Amps: 10

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: No

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

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AC Electrical Inspection (Continued)

Core Test Data

	Flux	Watts	Watts loss per lb	Condition of iron
Before burnout				
After burnout	85.22	50	1.19	9

Conclusion

Service Tech name: Shawn

Service Tech signature:

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Polyphase AC Winding

Polyphase Date:

Hp/kw: 11kw RPM: 440 Poles: Manufacturer: R&M

Slots: 36 Type: Volts: 480

Coils: 18 Model: Amps: 10

18 Of 1

Serial#:

Phase: 3

Grouping

Of

Lead marking:

1-3 Hertz:

Turns/Coil: 44

Lead length: 12 C Rise: Frame:

Wire Size 21

Lead size: 16 Duty: C AMB:

Wire Mult. 1

Num.Leads: 3 Eff.: Ins.Cls.:

Pitch 1 to: 4

☐ DP ☒ TEFC ☐ XPRF ☐ TENV S.F.:

Connection: 1Y cp

Jumper:

Core length: 9.125

Core ID: 3.5

Back iron: 0.625

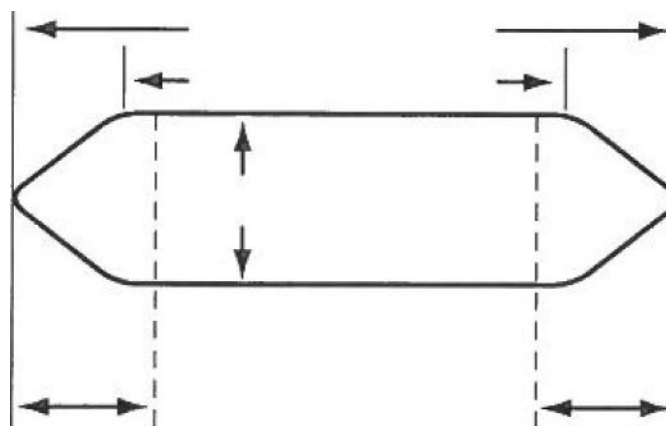
Slot depth: 1.0

Slot/tooth w: 0.187

Wire weight:

Vents: Size

COIL



☐ Left

Connection End
(Facing Terminal Box)

☐ Right



MILLINGTON, TN

LITTLE ROCK, AR

Single Phase

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

Hp/kw: 11kw

RPM: 440

Manufacturer: R&M

Run

Start

Type:

Volts: 480

Model:

Amps: 10

Style:

Hertz:

Form:

Frame:

No. Slots

No. Poles

Coils/pole

Dwg No.

C Rise:

Hrs.:

Cap. Mfd.:

Wire Size

Serial#:

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: Southern Steel

(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