



MILLINGTON, TN

LITTLE ROCK, AR

Job Information

Job #: 137406

Date: June 7, 2018

Priority: —

Authorized OT: No

Authorized by:

Customer Information

Name: Metal prep

Motor#:

Name Plate Information

Manufacturer: ALLEN BRADLEY

Enclosure : Open Drop Proof
(ODP)

Horsepower/kW: 200

Serial#:

Model#:

Service Factor:

Frame: RL2898Z

Rated RPM: 1765

Rated Voltage: 460

Phase: 3

Rated Amps: 237

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 TENNESSEE7030 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 | 85.18 | 260 | 1.18 | |

Conclusion

Service Tech name: KDF

Service Tech signature:

WEST TENNESSEE

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Polyphase AC Winding

First Speed

Polyphase Date:

Hp/kw: 200 RPM: 1765

Manufacturer: ALLEN
BRADLEY

Slots: 48 Poles: 4 Type:

Volts: 460

Coils: 48 Model:

Amps: 237

Serial#:

Phase: 3

Lead marking:

1-1. 2-2. 3-3 Hertz:

12 Of 4
Grouping
Of

Turns/Coil: 6

Lead length: 2 C Rise: Frame:

Wire Size 17 18

Lead size: 4 Duty: C AMB:

Wire Mult. 7 2

Num. Leads: 6 Eff.: Ins. Cls.:

Pitch 1 to: 11

☐ DP ☒ TEFC ☐ XPRF ☐ TENV S.F.:

Connection: 2D

Jumper:

Core length: 14.25

Core ID: 8.5

Back iron: 1.250

Slot depth: 1.125

Slot/tooth w: 0.250

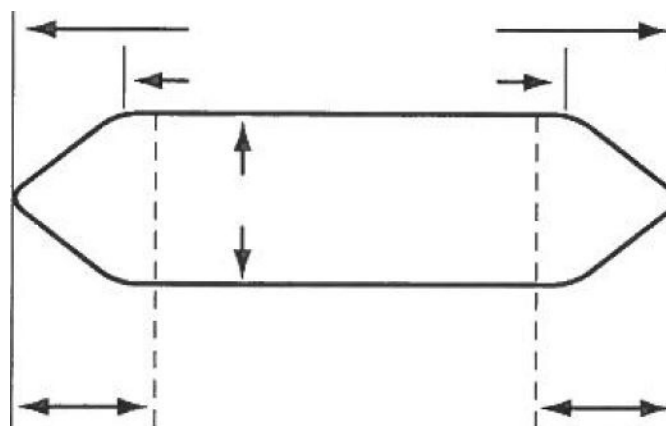
Wire weight: 86

Slot: 20.4

Tip:

Pitch: #35

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: 200

RPM: 1765

Manufacturer: ALLEN BRADLEY

Run

Start

Type:

Volts: 460

Model:

Amps: 237

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: Metal prep

(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 |
|--|--|--------------------------|
| Data change | <input type="checkbox"/> | <input type="checkbox"/> |
| Coil support ring steel | <input type="checkbox"/> | <input type="checkbox"/> |
| Terrace wound | <input type="checkbox"/> | <input type="checkbox"/> |
| Corona Protection | <input type="checkbox"/> | <input type="checkbox"/> |
| RTDs | <input type="checkbox"/> | <input type="checkbox"/> |
| Ohms Qty | | |
| Hermetic | <input type="checkbox"/> | <input type="checkbox"/> |
| Slot paper used | <input type="checkbox"/> | <input type="checkbox"/> |
| Insulation class | <input type="checkbox"/> B <input type="checkbox"/> F <input type="checkbox"/> H | |
| <input type="checkbox"/> VPI <input type="checkbox"/> Dip & Bake <input type="checkbox"/> Sealed | | |
| <input type="checkbox"/> Leads taped <input type="checkbox"/> Leads sleeved | | |
| Comments | | |

