



MILLINGTON, TN

LITTLE ROCK, AR

Job Information

Job #: 94699

Date: October 17, 2018

Priority: —

Authorized OT: No

Authorized by:

Customer Information

Name: Foster

Motor#:

Name Plate Information

| | | | | | |
|---------------|--------------|-------------|-----------------------|-----------------|---------|
| Manufacturer: | WEG | Enclosure : | Open Drop Proof (ODP) | Horsepower/kW: | 100 |
| Serial#: | MCT-A10004E1 | Model#: | 13SET1110132867 42 | Service Factor: | 1.25 |
| Frame: | 404/5T | Rated RPM: | 1775 | Rated Voltage: | 230/460 |
| Phase: | 3 | Rated Amps: | 224/112 | 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 | | | | |

Conclusion

Service Tech name: RHR

Service Tech signature:

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Polyphase AC Winding

Polyphase Date: October 17, 2018

Hp/kw: 100 RPM: 1775 Poles: 4 Manufacturer: WEG

Slots: 72 Type: ET Volts: 230/460

Coils: 72 Model: 13SET111013286742 Amps: 224/112

12 Of 6

Grouping

Of

Serial#: MCT-A10004E1

Phase: 3

Lead marking: 1-12 Hertz: 60

Turns/Coil: 232323 Lead length: 1 C Rise: Frame: 404/5T

Wire Size 16 17 Lead size: 4 Duty: C AMB:

Wire Mult. 10 1 Num.Leads: Eff.: Ins.Cls.:

Pitch 1 to: 14 ☐ DP ☐ TEFC ☐ XPRF ☐ TENV S.F.: 1.25

Connection: 1&2CIR

Jumper:

Core length: 14.125

Core ID: 10.125

Back iron: 1.25

Slot depth: 0.875

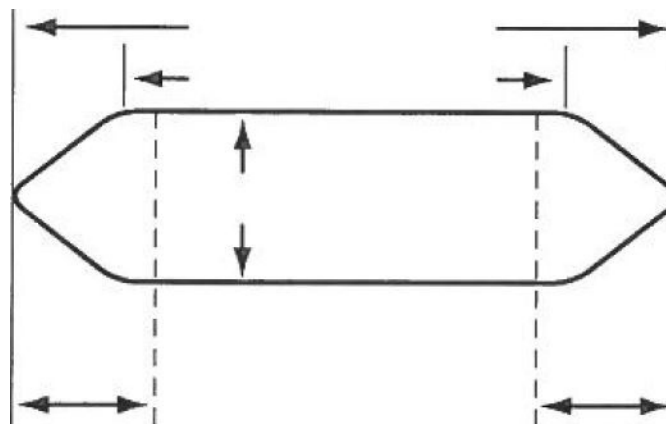
Slot/tooth w: 0.284

Wire weight: 52

Vents: Size

Rotor bars:

COIL

☒ LeftConnection End
(Facing Terminal Box)☐ Right**WEST TENNESSEE**7030 Ryburn Drive
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Single Phase{ Split Phase ☐
Capacitor: ☐ Start☐ Start & Run☐ Perm. Split

Hp/kw: 100

RPM: 1775

Manufacturer: WEG

Run

Start

Type:

Volts: 230/460

Model: 13SET111013286742

Amps: 224/112

Style:

Hertz:

Form:

Frame:

No. Slots

No. Poles

Coils/pole

Dwg No.

C Rise:

Hrs.:

Cap. Mfd.:

Wire Size

Serial#: MCT-A10004E1

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: Foster

(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 | | |

