



MILLINGTON, TN

LITTLE ROCK, AR

Job Information

Job #: 135656

Date: April 2, 2018

Priority: —

Authorized OT: No

Authorized by:

Customer Information

Name: Keg

Motor#:

Name Plate Information

Manufacturer: GE

Enclosure : Open Drop Proof
(ODP)

Horsepower/kW: 625

Serial#:

Model#:

Service Factor:

Frame:

Rated RPM: 1780

Rated Voltage: 4160

Phase: 3

Rated Amps: 80

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:

Service Tech signature:

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Polyphase AC Winding

First Speed

Polyphase Date:

Hp/kw: 625 RPM: 1780

Manufacturer: GE

Slots: 72 Poles: 4

Type:

Volts: 4160

Coils: 72

Model:

Amps: 80

Serial#:

Phase: 3

Lead marking:

Hertz:

12 Of 6
Grouping
Of

Turns/Coil: 8

Lead length:

C Rise:

Frame:

Wire Size 0.09 0.22
0 1

Lead size:

Duty:

C AMB:

Wire Mult. 1

Num. Leads:

Eff.:

Ins. Cls.:

Pitch 1 to:

☐ DP ☐ TEFC ☐ XPRF ☐ TENV S.F.:

Connection:

Jumper:

Core length:

Core ID:

Back iron:

Slot depth:

Slot/tooth w:

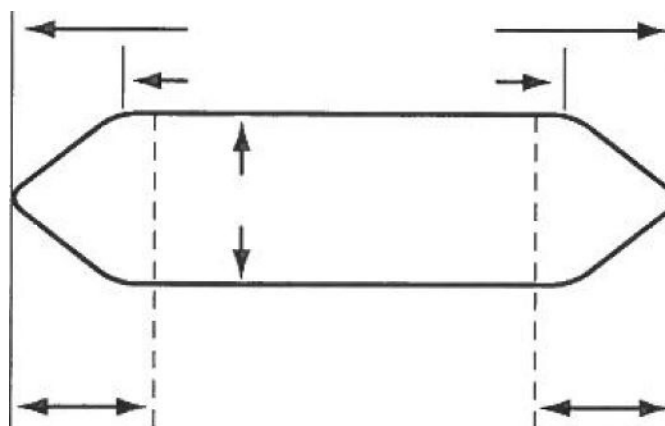
Wire weight:

Slot:

Tip:

Pitch:

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: 625

RPM: 1780

Manufacturer: GE

Run

Start

Type:

Volts: 4160

Model:

Amps: 80

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: Keg

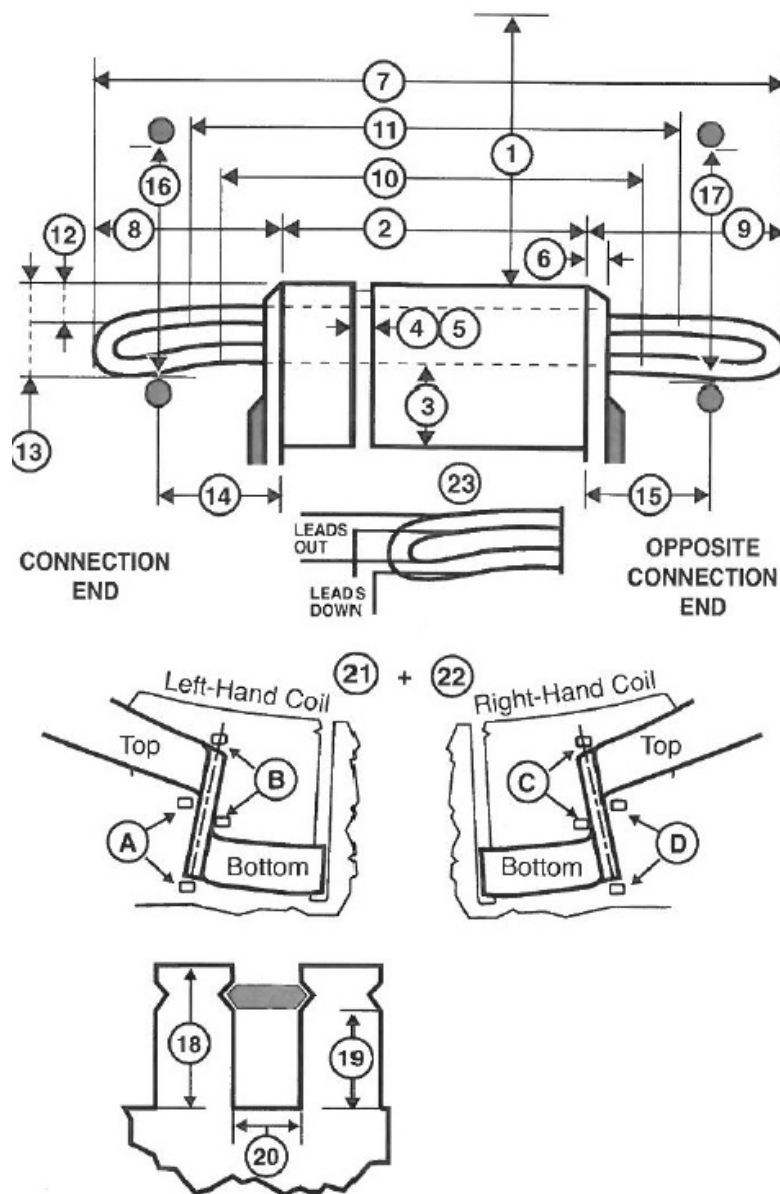
(Please return a copy to EASA Headquarters, 1331 Baur Blvd., St. Louis, MO 63132)

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AC Stator Form Coil Data

| | | |
|-------------------------------------|--------|-----|
| 1. Core bore diameter | 17 | |
| 2. Total core length | 13.625 | |
| 3. Back iron | 2.105 | |
| 4. No. of vents | 4 | |
| 5. Width of vents | 0.375 | |
| 6. Finger plate width | 0.500 | |
| 7. Overall coil length | 27.375 | |
| 8. Connection end extension | 7.0 | |
| 9. Opposite Conn. End Ext. | 7.0 | |
| 10. Straight length bottom side | | |
| 11. Straight length top side | | |
| 12. Small knuckle drop. CE | 1.10 | OCE |
| 13. Large knuckle drop. CE | | OCE |
| 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 | 2.034 | |
| 19. Slot depth under wedge | 1.915 | |
| 20. Slot width | 0.390 | |



AC Stator Form Coil Data (Continued)

21. Lead location ☒ A ☐ B ☐ C ☐ D

22. Coil type ☒ Left hand ☐ Right hand

23. Coil leads Long# 24 LG

Short# 120 LG

☒ Out ☐ Down

24. Jumper 1-4

25. Connection DELTA

26. No. of circuits 1

27. No. of slots 72

28. Coil throw 1-15

29. Turns per coil 8

30. Total wires in parallel 1

31. Bare wire sizes (0.090) x 0.221

() x

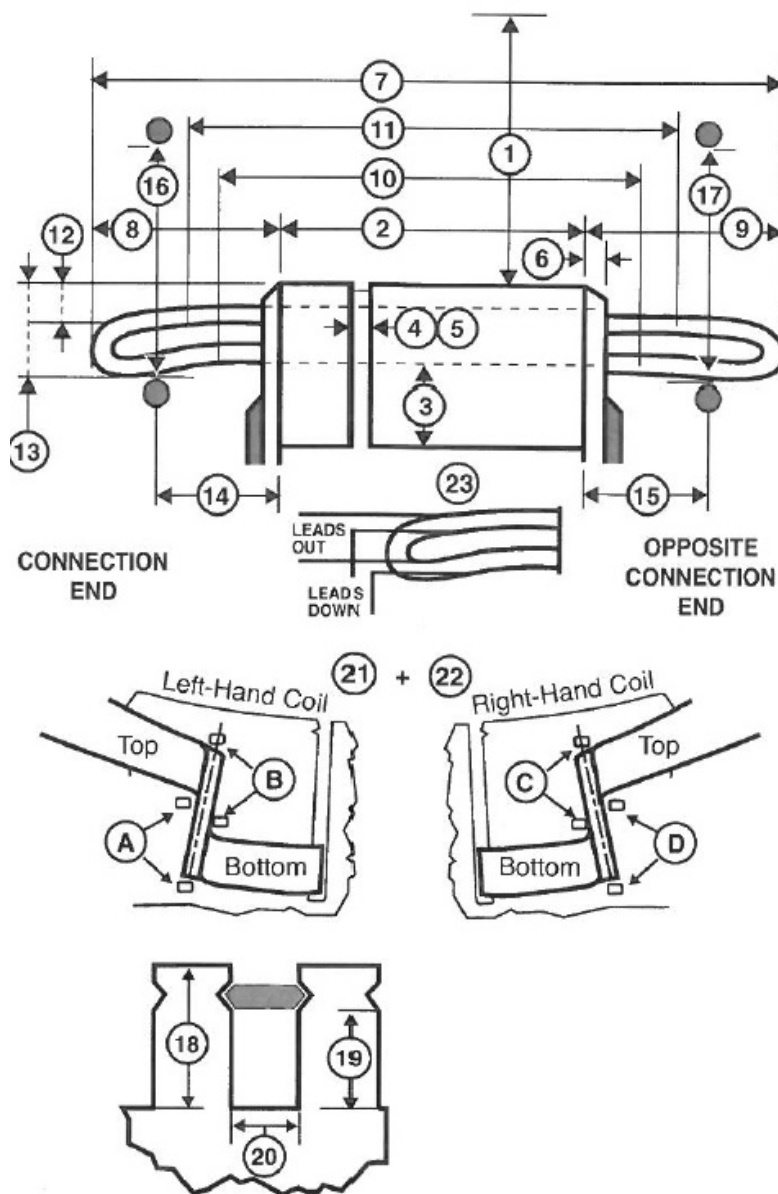
32. Strand insulation

☒ Film ☐ Glass ☐ Mica ☐ Bare ☐ Other

33. Coil weight Lbs.

34. 12 Groups of 6 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 checked="" type="checkbox"/> |
| Coil support ring steel | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Terrace wound | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Corona Protection | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| RTDs | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Ohms Qty | | |
| Hermetic | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Slot paper used | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Insulation class | <input type="checkbox"/> B <input type="checkbox"/> F <input checked="" type="checkbox"/> H | |
| <input checked="" type="checkbox"/> VPI <input type="checkbox"/> Dip & Bake <input type="checkbox"/> Sealed | | |
| <input type="checkbox"/> Leads taped <input type="checkbox"/> Leads sleeved | | |

Comments

