



MILLINGTON, TN

LITTLE ROCK, AR

Job Information

Job #: 142417

Date: May 18, 2020

Priority: —

Authorized OT: No

Authorized by:

Customer Information

Name: St. Jude

Motor#:

Name Plate Information

| | | | | | |
|---------------|-------------|-------------|-----------------------|-----------------|-----|
| Manufacturer: | Baldor | Enclosure : | Open Drop Proof (ODP) | Horsepower/kW: | 200 |
| Serial#: | A1205162039 | Model#: | | Service Factor: | |
| Frame: | 447t | Rated RPM: | 1190 | Rated Voltage: | 460 |
| Phase: | 3 | Rated Amps: | 232 | 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



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AC Electrical Inspection (Continued)

Core Test Data

| | Flux | Watts | Watts loss per lb | Condition of iron |
|----------------|-------|-------|-------------------|-------------------|
| Before burnout | | | | |
| After burnout | 84.72 | 440 | 1.32 | 8 |

Conclusion

Service Tech name: Shawn

Service Tech signature:

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Polyphase AC Winding

Polyphase Date:

Hp/kw: 200 RPM: 1190 Poles: 6 Manufacturer: Baldor

Slots: 90 Type: Volts: 460

Coils: 90 Model: Amps: 232

Serial#: A1205162039 Phase: 3

Lead marking: 1-6 Hertz:

18 Of 5
Grouping
Of

Turns/Coil: 67676 Lead length: 18 C Rise: Frame:

Wire Size 17 Lead size: 1 Duty: C AMB:

Wire Mult. 10 Num.Leads: 6 Eff.: Ins.Cls.:

Pitch 1 to: 12 ☒ DP ☐ TEFC ☐ XPRF ☐ TENV S.F.:

Connection: 3Y3D

Jumper:

Core length: 11.375

Core ID: 14.00

Back iron: 1.312

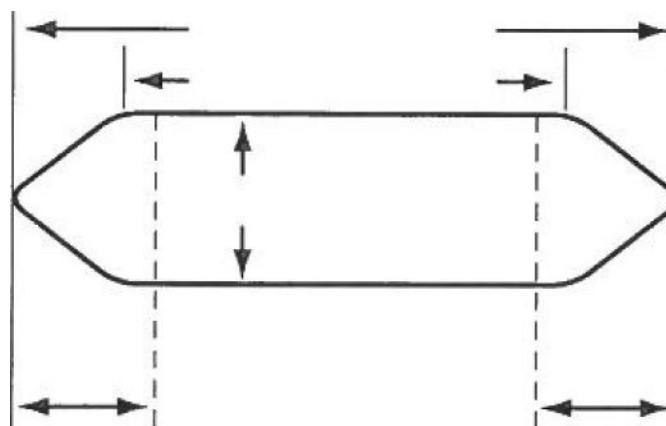
Slot depth: 1.683

Slot/tooth w: 0.257

Wire weight: 142

Vents: Size

COIL



☐ Left

Connection End
(Facing Terminal Box)

☐ Right

Rotor bars:



MILLINGTON, TN

LITTLE ROCK, AR

Single Phase

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

Hp/kw: 200

RPM: 1190

Manufacturer: Baldor

Run

Start

Type:

Volts: 460

Model:

Amps: 232

Style:

Hertz:

Form:

Frame:

No. Slots

No. Poles

Coils/pole

Dwg No.

C Rise:

Hrs.:

Cap. Mfd.:

Wire Size

Serial#: A1205162039

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: St. Jude

(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

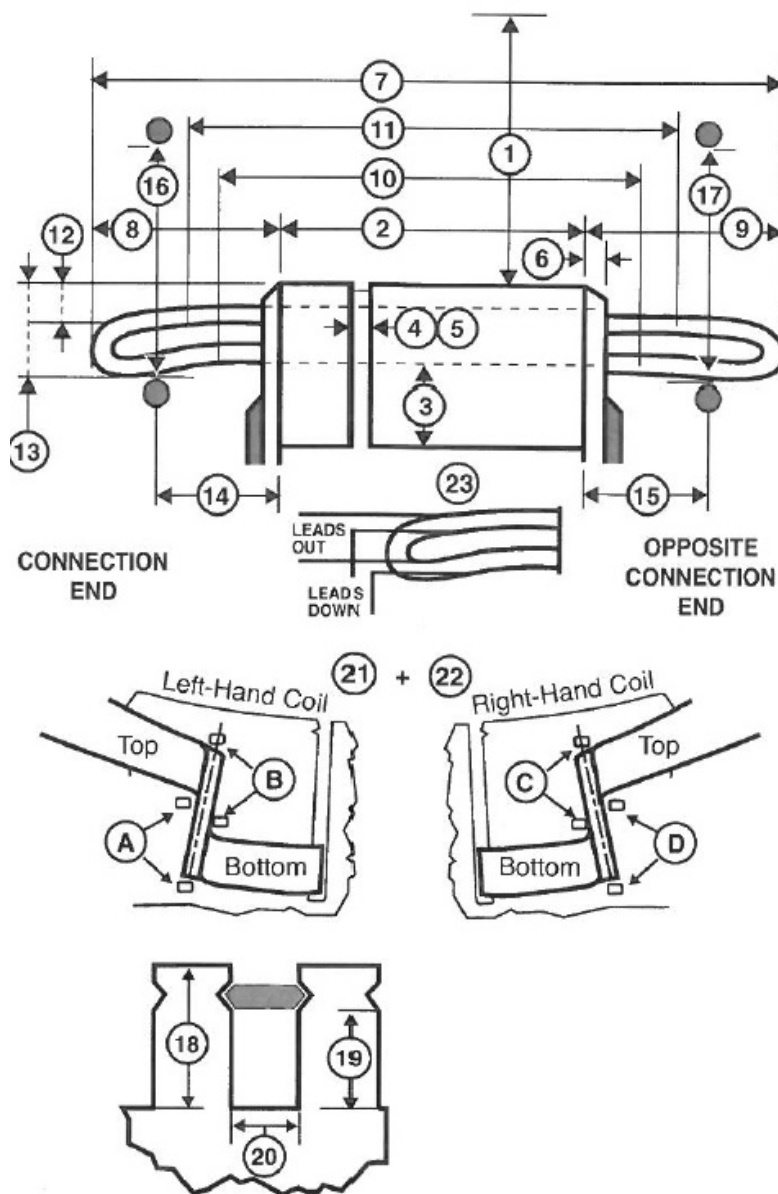
32. Strand insulation

☐ 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 | | |

