



MILLINGTON, TN

LITTLE ROCK, AR

Job Information

Job #: 94341

Date: June 25, 2018

Priority: —

Authorized OT: No

Authorized by:

Customer Information

Name: American. Rail are

Motor#:

Name Plate Information

| | | | | | |
|---------------|-------------|-------------|-----------------------|-----------------|------|
| Manufacturer: | Bald or | Enclosure : | Open Drop Proof (ODP) | Horsepower/kW: | 350 |
| Serial#: | N0507280012 | Model#: | 18D051X995 | Service Factor: | 1.15 |
| Frame: | 447T | Rated RPM: | 1780 | Rated Voltage: | 460 |
| Phase: | 3 | Rated Amps: | 380 | 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

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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: June 25, 2018

Hp/kw: 350 RPM: 1780 Poles: 4 Manufacturer: Bald or

Slots: 60 Type: Volts: 460

Coils: 60 Model: 18D051X995 Amps: 380

12 Of 5
Grouping Of

Serial#: N0507280012 Phase: 3

Lead marking: Hertz: 60

Turns/Coil: 4 Lead length: 2 C Rise: Frame: 447T

Wire Size 15 16 Lead size: Duty: Cont C AMB:

Wire Mult. 1 19 Num.Leads: 123456 Eff.: Ins.Cls.:

Pitch 1 to: 14 ☐ DP ☐ TEFC ☐ XPRF ☐ TENV S.F.: 1.15

Connection: 2Y2D

Jumper:

Core length: 15.875

Core ID: 12.5

Back iron: 1.5

Slot depth: 1.5

Slot/tooth w: 0.280

Wire weight: 228

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: 350

RPM: 1780

Manufacturer: Bald or

Run

Start

Type:

Volts: 460

Model: 18D051X995

Amps: 380

Style:

Hertz:

Form:

Frame:

No. Slots

No. Poles

Coils/pole

Dwg No.

C Rise:

Hrs.:

Cap. Mfd.:

Wire Size

Serial#: N0507280012

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: American. Rail are

(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 ☐ ☐

Coil support ring steel ☐ ☐

Terrace wound ☐ ☐

Corona Protection ☐ ☐

RTDs ☐ ☐

Ohms Qty

Hermetic ☐ ☐

Slot paper used ☐ ☐

Insulation class ☐ B ☐ F ☐ H

☐ VPI ☐ Dip & Bake ☐ Sealed

☐ Leads taped ☐ Leads sleeved

Comments

