



MILLINGTON, TN

LITTLE ROCK, AR

Job Information

Job #: 94044

Date: March 26, 2018

Priority: —

Authorized OT: No

Authorized by:

Customer Information

Name: Future. Fuel

Motor#:

Name Plate Information

Manufacturer: Reliance

Enclosure : Open Drop Proof
(ODP)

Horsepower/kW: 500

Serial#:

Model#: X337332A3-WF

Service Factor:

Frame: 5008S

Rated RPM: 3559

Rated Voltage: 2300

Phase: 3

Rated Amps: 115

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

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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MILLINGTON, TN

LITTLE ROCK, AR

Polyphase AC Winding

Polyphase Date:

Hp/kw: 500 RPM: 3559 Poles: Manufacturer: Reliance

Slots: Type: Volts: 2300

Coils: Model: X337332A3-WF Amps: 115

Grouping Of Serial#: Phase: 3

Of Lead marking: Hertz:

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

Wire Size Lead size: Duty: C AMB:

Wire Mult. 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:

Vents: Size

Rotor bars:

COIL

☐ LeftConnection End
(Facing Terminal Box)☐ Right**WEST TENNESSEE**7030 Ryburn Drive
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MILLINGTON, TN

LITTLE ROCK, AR

Single Phase

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

Hp/kw: 500

RPM: 3559

Manufacturer: Reliance

Run

Start

Type:

Volts: 2300

Model: X337332A3-WF

Amps: 115

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: Future. Fuel

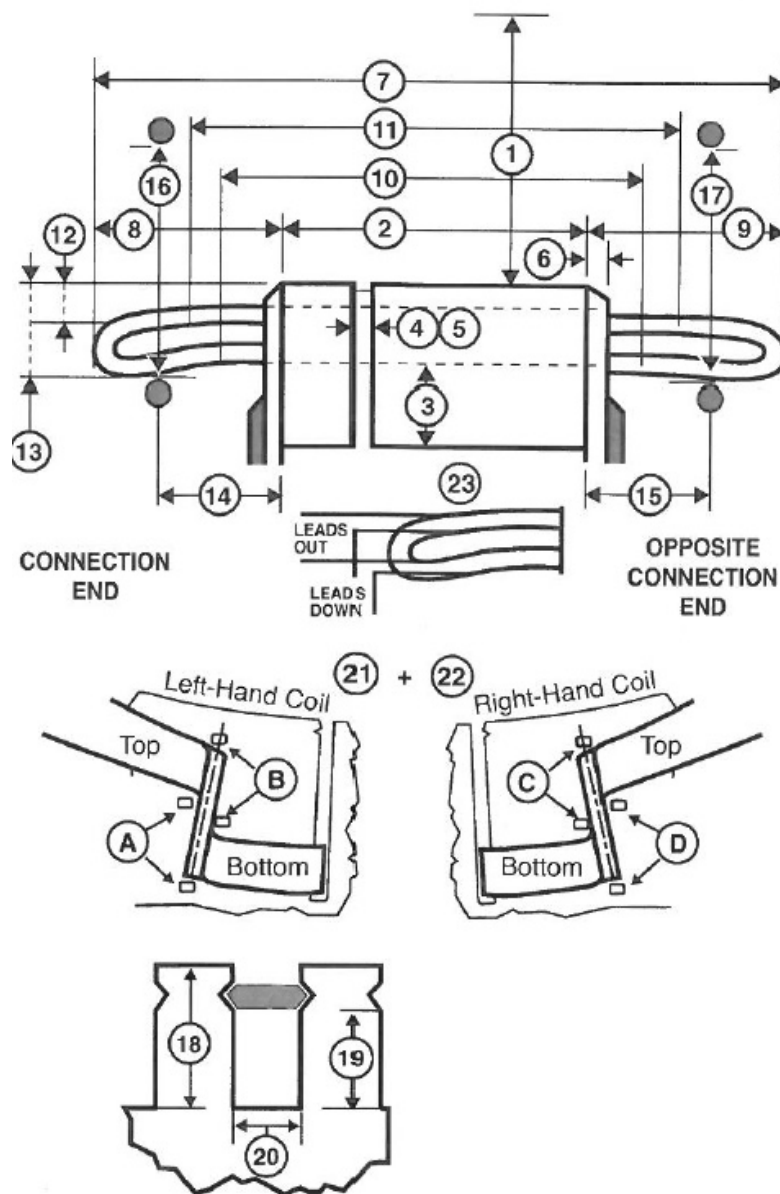
(Please return a copy to EASA Headquarters, 1331 Baur Blvd., St. Louis, MO 63132)

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AC Stator Form Coil Data

1. Core bore diameter	11.5
2. Total core length	13.5
3. Back iron	
4. No. of vents	2
5. Width of vents	0.375
6. Finger plate width	
7. Overall coil length	30.5
8. Connection end extension	10.125
9. Opposite Conn. End Ext.	8.5
10. Straight length bottom side	15.5
11. Straight length top side	15.5
12. Small knuckle drop. CE	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	2.625
19. Slot depth under wedge	1.875
20. Slot width	0.449



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 1-4

25. Connection DELTA

26. No. of circuits 1

27. No. of slots 48

28. Coil throw 1-16

29. Turns per coil 9

30. Total wires in parallel 1

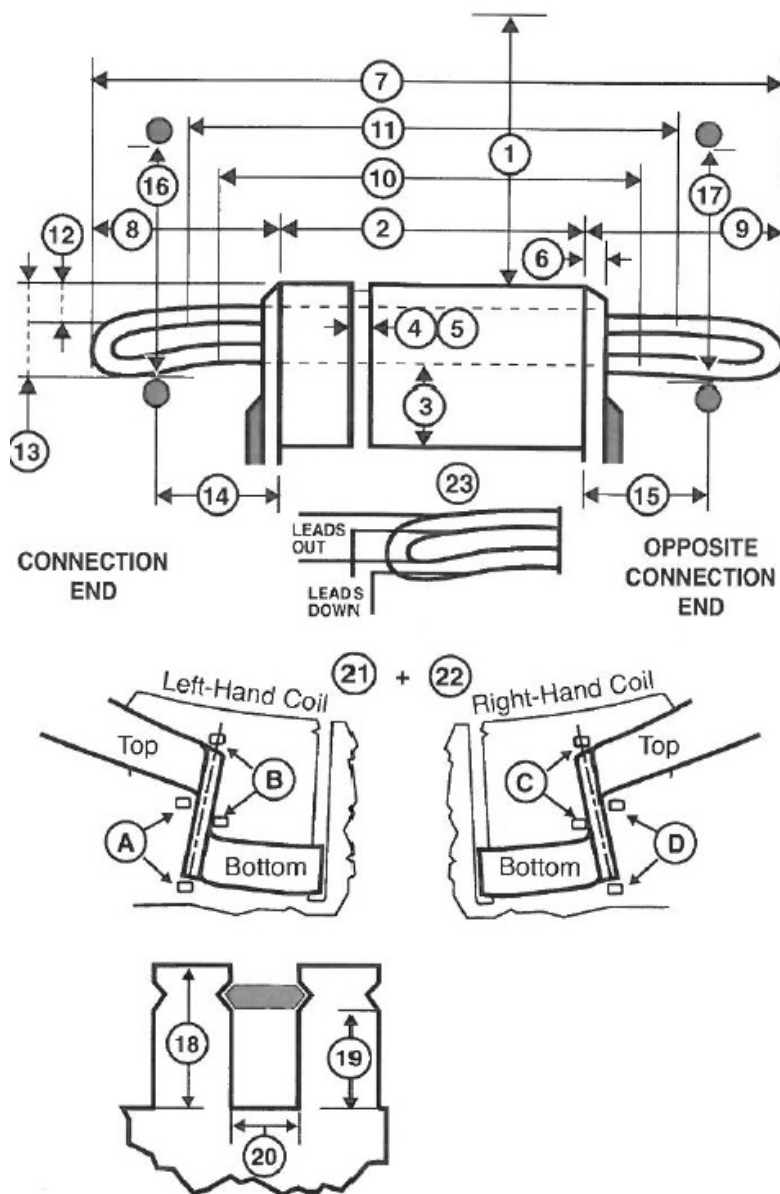
31. Bare wire sizes (82) x 289
() x

32. Strand insulation
☐ Film ☐ Glass ☒ Mica ☐ Bare ☐ Other

33. Coil weight Lbs.

34. 6 Groups of 8 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 type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/> Leads taped <input type="checkbox"/> Leads sleeved		

Comments

