



MILLINGTON, TN

LITTLE ROCK, AR

Job Information

Job #: 96875

Date: June 4, 2020

Priority: —

Authorized OT: No

Authorized by:

Customer Information

Name: Huber

Motor#:

Name Plate Information

Manufacturer:	Reliance	Enclosure :	Open Drop Proof (ODP)	Horsepower/kW:	150
Serial#:	96875-2020	Model#:	1MA491B47-G2Z2	Service Factor:	
Frame:	447T	Rated RPM:	1185	Rated Voltage:	460
Phase:	3	Rated Amps:	172	Cycles:	60

Special design: No

AC Electrical Inspection

Megs after rewind:	Good	Surge after rewind:	Good	Hi-pot after rewind:	Good
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Core loss:	Good	Thermistors:	None	Thermostat:	None
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RTD:	None	ohms at	degrees C
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Motor Heater(s) Present:	Yes	Qty:	Voltage:	Wattage:
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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	85.182	0.757	4.918	188
After burnout	84.827	0.601	2.482	358

Conclusion

Service Tech name: RHR

Service Tech signature:

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MILLINGTON, TN

LITTLE ROCK, AR

Polyphase AC Winding

Polyphase Date: June 4, 2020

Hp/kw: 150 RPM: 1185 Poles: 6 Manufacturer: Reliance

Slots: 72 Type: P Volts: 460

Coils: 72 Model: 1MA491B47-G2Z2 Amps: 172

18 Of 4

Serial#: 96875-2020

Phase: 3

Grouping

Of

Lead marking:

Hertz: 60

Turns/Coil: 6 Lead length: 16 C Rise: Frame: 447T

Wire Size 15 16 Lead size: 1 Duty: Cont C AMB:

Wire Mult. 4 7 Num. Leads: Eff.: Ins. Cls.:

Pitch 1 to: 11 ☐ DP ☐ TEFC ☐ XPRF ☐ TENV S.F.:

Connection: 2D

Jumper:

Core length: 11.875

Core ID: 13.875

Back iron: 1.25

Slot depth: 1.625

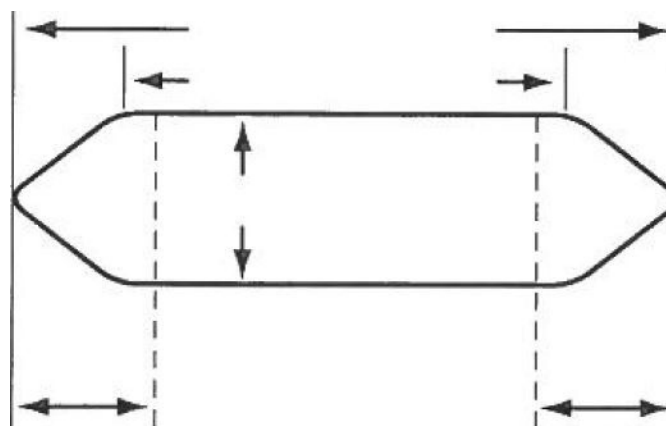
Slot/tooth w: 0.284

Wire weight: 178

Vents: Size

Rotor bars:

COIL

☒ LeftConnection End
(Facing Terminal Box)☐ Right**WEST TENNESSEE**

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LITTLE ROCK, AR

Single Phase

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

Hp/kw: 150

RPM: 1185

Manufacturer: Reliance

Run

Start

Type:

Volts: 460

Model: 1MA491B47-G2Z2

Amps: 172

Style:

Hertz:

Form:

Frame:

No. Slots

No. Poles

Coils/pole

Dwg No.

C Rise:

Hrs.:

Cap. Mfd.:

Wire Size

Serial#: 96875-2020

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: Huber

(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 ☐ Yes ☐ No

Coil support ring steel ☐ Yes ☐ No

Terrace wound ☐ Yes ☐ No

Corona Protection ☐ Yes ☐ No

RTDs ☐ Yes ☐ No

Ohms Qty

Hermetic ☐ Yes ☐ No

Slot paper used ☐ Yes ☐ No

Insulation class ☐ B ☐ F ☐ H

☐ VPI ☐ Dip & Bake ☐ Sealed

☐ Leads taped ☐ Leads sleeved

Comments

