



MILLINGTON, TN

LITTLE ROCK, AR

Job Information

Job #: 95867

Date: August 29, 2019

Priority: —

Authorized OT: No

Authorized by:

Customer Information

Name: Prospect. Steel

Motor#:

Name Plate Information

Manufacturer:	Reuland Stator	Enclosure :	Open Drop Proof (ODP)	Horsepower/kW:	4
Serial#:	823471B-1	Model#:	31273	Service Factor:	
Frame:	WEO-215-H400	Rated RPM:	1800	Rated Voltage:	440
Phase:	3	Rated Amps:	10.6/5.3	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)


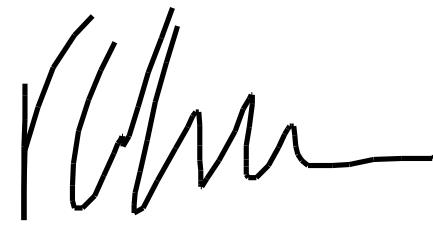
Core Test Data

	Flux	Watts	Watts loss per lb	Condition of iron
Before burnout				
After burnout				

Conclusion

Service Tech name: RHR

Service Tech signature:

 H 

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Polyphase AC Winding

Polyphase Date: August 29, 2019

Hp/kw: 4 RPM: 1800 Poles: 4 Manufacturer: Reuland Stator

Slots: 36 Type: LLHR-31 Volts: 440

Coils: 36 Model: 31273 Amps: 10.6/5.3

12 Of 3
Grouping

Serial#: 823471B-1

Phase: 3

Lead marking:

Hertz: 60

Turns/Coil: 21 Lead length: 1 C Rise: Frame: WEO-215H400

Wire Size 20 Lead size: 16 Duty: C AMB:

Wire Mult. 3 Num.Leads: Eff.: Ins.Cls.:

Pitch 1 to: 8 ☐ DP ☐ TEFC ☐ XPRF ☐ TENV S.F.:

Connection: 1Y

Jumper:

Core length: 4.0

Core ID: 5.0

Back iron: 1.125

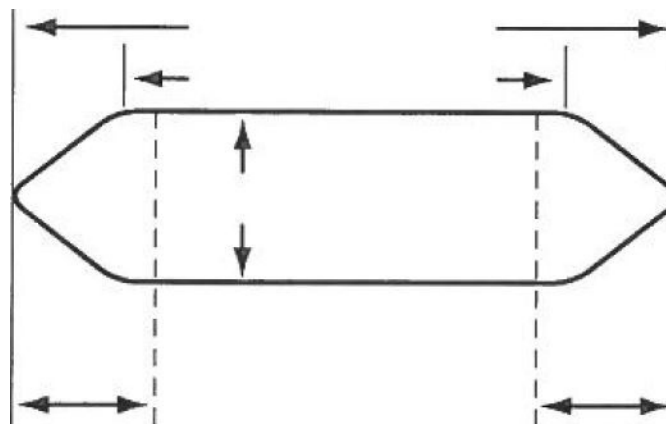
Slot depth: 0.625

Slot/tooth w: 0.295

Wire weight: 12

Vents: Size

COIL


☒ Left

Connection End
(Facing Terminal Box)

☐ Right

Rotor bars:



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

Hp/kw: 4

RPM: 1800

Manufacturer: Reuland Stator

Run

Start

Type:

Volts: 440

Model: 31273

Amps: 10.6/5.3

Style:

Hertz:

Form:

Frame:

Coils/pole

Dwg No.

C Rise:

Hrs.:

Cap. Mfd.:

Wire Size

Serial#: 823471B-1

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: Prospect. Steel

(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		

