



MILLINGTON, TN

LITTLE ROCK, AR

Job Information

Job #: 97024

Date: July 27, 2020

Priority: —

Authorized OT: No

Authorized by:

Customer Information

Name: Fabrication Service

Motor#:

Name Plate Information

Manufacturer:	Reliance	Enclosure :	Open Drop Proof (ODP)	Horsepower/kW:	150
Serial#:	39477872	Model#:	P40G0416A	Service Factor:	1.15
Frame:	0405TDD	Rated RPM:	1770	Rated Voltage:	460
Phase:	3	Rated Amps:	180	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	84.853	0.782	29.364	852
After burnout	83.703	0.720	2.476	263

Conclusion

Service Tech name: RHR

Service Tech signature:



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MILLINGTON, TN

LITTLE ROCK, AR

Polyphase AC Winding

Polyphase Date:

Hp/kw: 150 RPM: 1770 Poles: Manufacturer: Reliance

Slots: Type: Volts: 460

Coils: Model: P40G0416A Amps: 180

Serial#: 39477872 Phase: 3

Lead marking: Hertz:

Of
Grouping
Of

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

COIL

☐ LeftConnection End
(Facing Terminal Box)☐ Right

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MILLINGTON, TN

LITTLE ROCK, AR

Single Phase

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

Hp/kw: 150

RPM: 1770

Manufacturer: Reliance

	Run	Start	Type:	Volts:	460
No. Slots			Model: P40G0416A	Amps:	180
No. Poles			Style:	Hertz:	
Coils/pole			Form:	Frame:	
Dwg No.			C Rise:	Hrs.:	Cap. Mfd.:
Wire Size			Serial#: 39477872		
Wires in par.			Duty: —	<input type="checkbox"/> BB	<input type="checkbox"/> 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: Fabrication Service

(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
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Data change	<input type="checkbox"/>	<input type="checkbox"/>
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Coil support ring steel	<input type="checkbox"/>	<input type="checkbox"/>
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Terrace wound	<input type="checkbox"/>	<input type="checkbox"/>
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Corona Protection	<input type="checkbox"/>	<input type="checkbox"/>
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RTDs	<input type="checkbox"/>	<input type="checkbox"/>
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Ohms Qty		
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Hermetic	<input type="checkbox"/>	<input type="checkbox"/>
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Slot paper used	<input type="checkbox"/>	<input type="checkbox"/>
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Insulation class	<input type="checkbox"/> B	<input type="checkbox"/> F	<input type="checkbox"/> H
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<input type="checkbox"/> VPI	<input type="checkbox"/> Dip & Bake	<input type="checkbox"/> Sealed
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<input type="checkbox"/> Leads taped	<input type="checkbox"/> Leads sleeved
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Comments

