



MILLINGTON, TN

LITTLE ROCK, AR

Job Information

Job #: 140147

Date: October 14,
2019

Priority: —

Authorized OT: No

Authorized by:

Customer Information

Name: HSLR

Motor#: 140147

Name Plate Information

Manufacturer:	Siemens	Enclosure :	Totally Enclosed Fan Cooled	Horsepower/kW:	100
Serial#:	1LA04054FC41A	Model#:	R6Z	Service Factor:	
Frame:	405T	Rated RPM:	1775	Rated Voltage:	460
Phase:	3	Rated Amps:	118	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: No 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



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AC Electrical Inspection (Continued)

Core Test Data

	Flux	Watts	Watts loss per lb	Condition of iron
Before burnout				
After burnout	83.89	440	2.4	9

Conclusion

Service Tech name: Shawn

Service Tech signature:

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Polyphase AC Winding

Polyphase Date:

Hp/kw: 100 RPM: 1775 Poles: 4 Manufacturer: Siemens

Slots: 48 Type: Volts: 460

Coils: 48 Model: R6Z Amps: 118

Serial#: 1LA04054FC41A Phase: 3

Lead marking: 123 Hertz: 60

12 Of 4
Grouping
Of

Turns/Coil: 10 Lead length: 12 C Rise: Frame: 405T

Wire Size 16 17 Lead size: 4 Duty: C AMB:

Wire Mult. 5 2 Num.Leads: 3 Eff.: Ins.Cls.:

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

Connection: 2D

Jumper:

Core length:

Core ID: 10.50

Back iron: 1.187

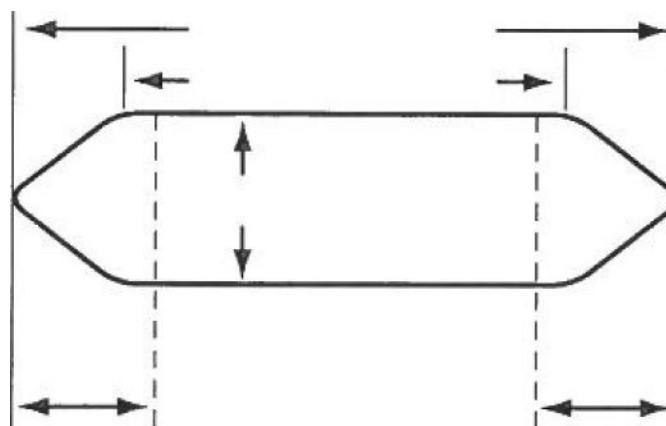
Slot depth: 1.250

Slot/tooth w: 0.312

Wire weight: 104

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: 100

RPM: 1775

Manufacturer: Siemens

Run

Start

Type:

Volts: 460

Model: R6Z

Amps: 118

Style:

Hertz:

Form:

Frame:

Coils/pole

Dwg No.

C Rise:

Hrs.:

Cap. Mfd.:

Wire Size

Serial#: 1LA04054FC41A

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: HSLR

(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

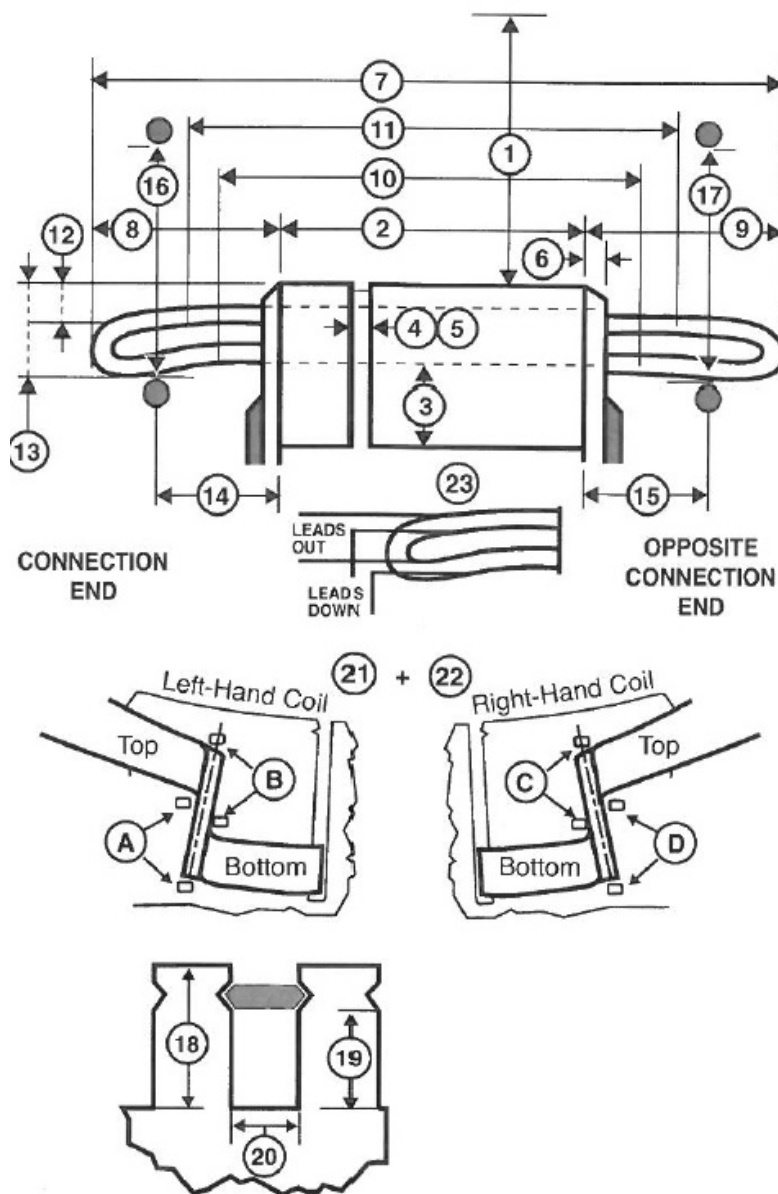
32. Strand insulation

☐ 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

Slot 12.6
Span 7.2
E R 2.2
