



MILLINGTON, TN

LITTLE ROCK, AR

## Job Information

Job #: 94706

Date: February 22,  
2019

Priority: —

Authorized OT: No

Authorized by:

## Customer Information

Name: Richland

Motor#:

## Name Plate Information

Manufacturer:	Siemens	Enclosure :	Open Drop Proof (ODP)	Horsepower/kW:	200
Serial#:	1LA04496SE42	Model#:		Service Factor:	1.15
Frame:	449TS	Rated RPM:	1185	Rated Voltage:	460
Phase:	3	Rated Amps:	222	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



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## AC Electrical Inspection (Continued)

### Core Test Data

	Flux	Watts	Watts loss per lb	Condition of iron
Before burnout				
After burnout	56.302	0.637	0.744	225

## Conclusion

Service Tech name: RHR

Service Tech signature:

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# Polyphase AC Winding

Polyphase Date: February 22, 2019

Hp/kw: 200 RPM: 1185 Poles: 6 Manufacturer: Siemens

Slots: 72 Type: Volts: 460

Coils: 72 Model: Amps: 222

18 Of 4

Grouping

Of

Serial#: 1LA04496SE42

Phase: 3

Lead marking: 1-1-2-2-3-3 Hertz: 60

Turns/Coil: 5.6 Lead length: 20 C Rise: Frame: 449TS

Wire Size 17 18 Lead size: 4 Duty: C AMB:

Wire Mult. 10 2 Num.Leads: 6 Eff.: Ins.Cls.:

Pitch 1 to: 12 ☐ DP ☐ TEFC ☐ XPRF ☐ TENV S.F.: 1.15

Connection: 3D

Jumper:

Core length: 24.0

Core ID: 12.125

Back iron: 1.25

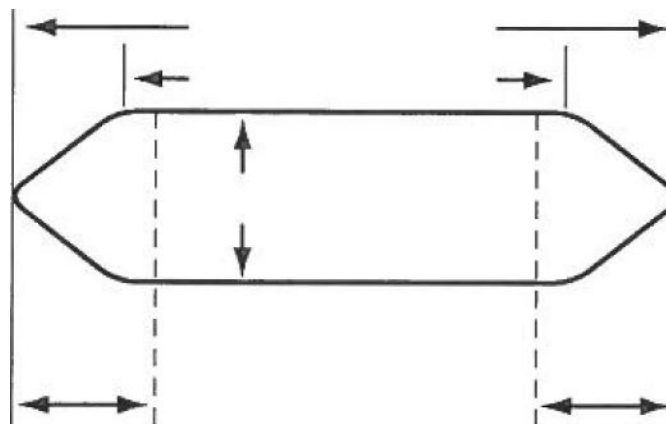
Slot depth: 1.25

Slot/tooth w: 0.334

Wire weight: 180

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: 200

RPM: 1185

Manufacturer: Siemens

Run

Start

Type:

Volts: 460

Model:

Amps: 222

Style:

Hertz:

Form:

Frame:

No. Slots

No. Poles

Coils/pole

Dwg No.

C Rise:

Hrs.:

Cap. Mfd.:

Wire Size

Serial#: 1LA04496SE42

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: Richland

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

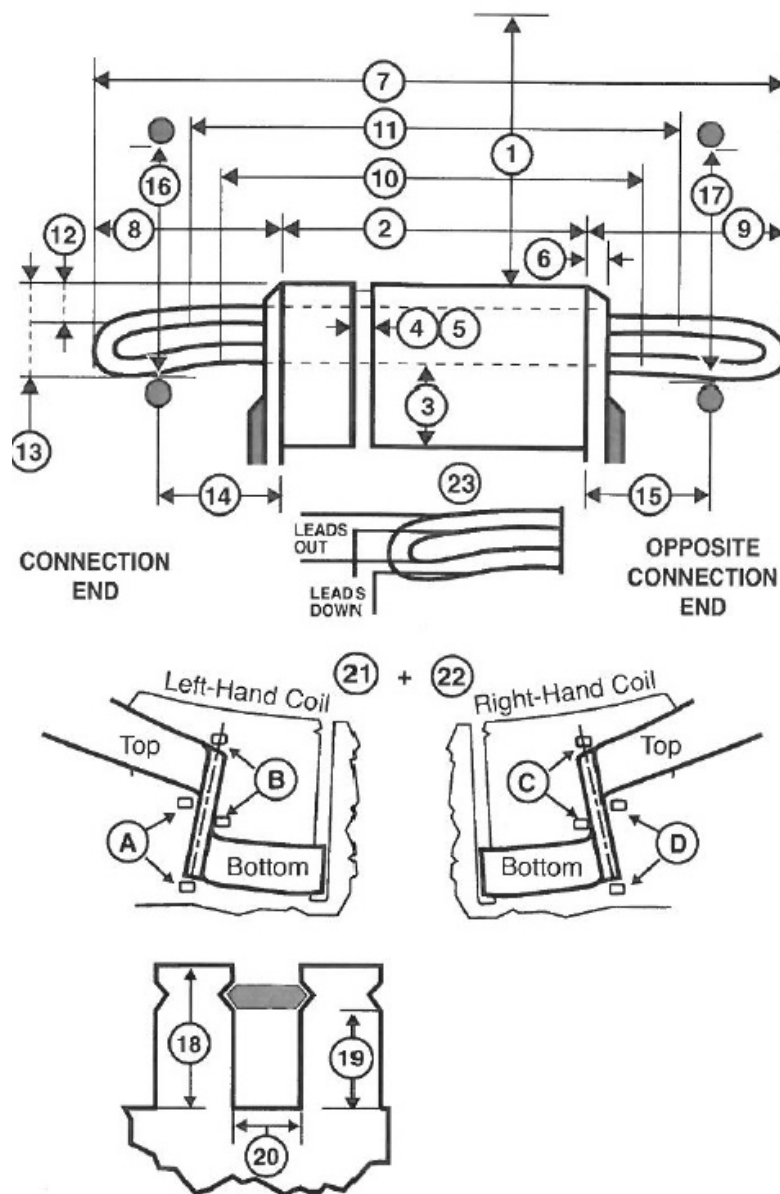
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## AC Stator Form Coil Data

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

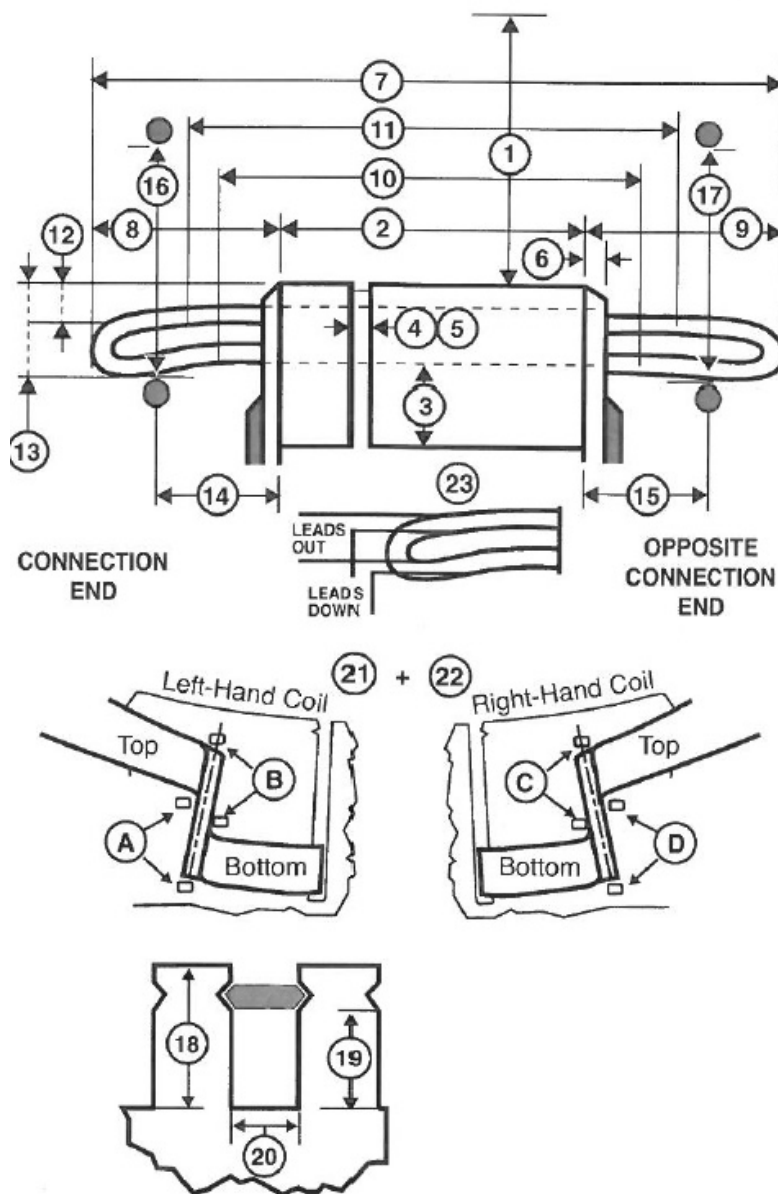
32. Strand insulation

☐ 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

