



MILLINGTON, TN

LITTLE ROCK, AR

## Job Information

Job #: 140003

Date: July 22, 2019

Priority: —

Authorized OT: No

Authorized by:

## Customer Information

Name: HIGH SPEED LITTLE ROCK

Motor#:

## Name Plate Information

|               |              |             |                                |                 |      |
|---------------|--------------|-------------|--------------------------------|-----------------|------|
| Manufacturer: | Siemens      | Enclosure : | Totally Enclosed<br>Fan Cooled | Horsepower/kW:  | 250  |
| Serial#:      | G07T2010ES 1 | Model#:     | 1LA04496HE4N                   | Service Factor: | 1.15 |
| Frame:        | B449 T       | Rated RPM:  | 1185                           | Rated Voltage:  | 460  |
| Phase:        | 3            | Rated Amps: | 280                            | 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  | 84.39 | 960   | 2.91              |                   |

## Conclusion

Service Tech name: Kelly Felts

Service Tech signature:

#### WEST TENNESSEE

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# Polyphase AC Winding

First Speed

Polyphase Date:

Hp/kw: 250 RPM: 1185

Manufacturer: Siemens

Slots: 72 Poles: 6

Type:

RGZESD Volts: 460

Coils: 72

Model: 1LA04496HE4N

Amps: 280

Serial#: G07T2010ES 1

Phase: 3

18 Of 4  
Grouping  
Of

Lead marking:

1,1,2,2,3,3 Hertz: 60

Turns/Coil: 5

Lead length: 14 C Rise: Frame: B449 T

Wire Size 16

Lead size: 1 Duty: C AMB:

Wire Mult. 10

Num.Leads: 6 Eff.: Ins.Cls.:

Pitch 1 to: 11

☐ DP ☒ TEFC ☐ XPRF ☐ TENV S.F.:

Connection: 6Y

Jumper:

Core length: 23.5

Core ID: 12.25

Back iron: 1.0625

Slot depth: 1.375

Slot/tooth w: 0.25

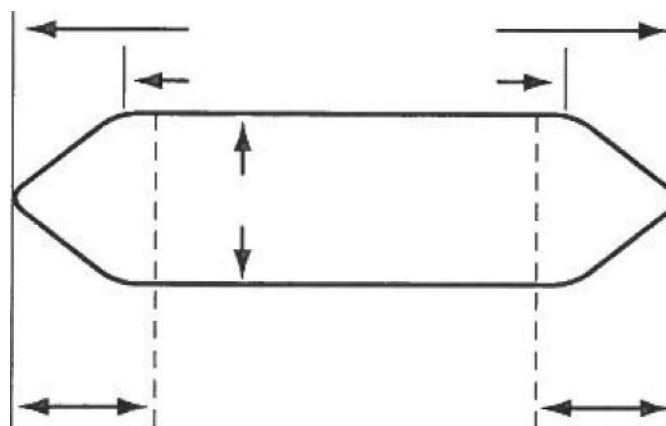
Wire weight: 194

Slot: 35

Tip: 22.8

Pitch:

COIL


☐ Left

Connection End  
(Facing Terminal Box)

☐ Right



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LITTLE ROCK, AR

**Single Phase**

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

Hp/kw: 250

RPM: 1185

Manufacturer: Siemens

Run

Start

Type:

Volts: 460

Model: 1LA04496HE4N

Amps: 280

Style:

Hertz:

Form:

Frame:

No. Slots

No. Poles

Coils/pole

Dwg No.

C Rise:

Hrs.:

Cap. Mfd.:

Wire Size

Serial#: G07T2010ES 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: HIGH SPEED LITTLE ROCK

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

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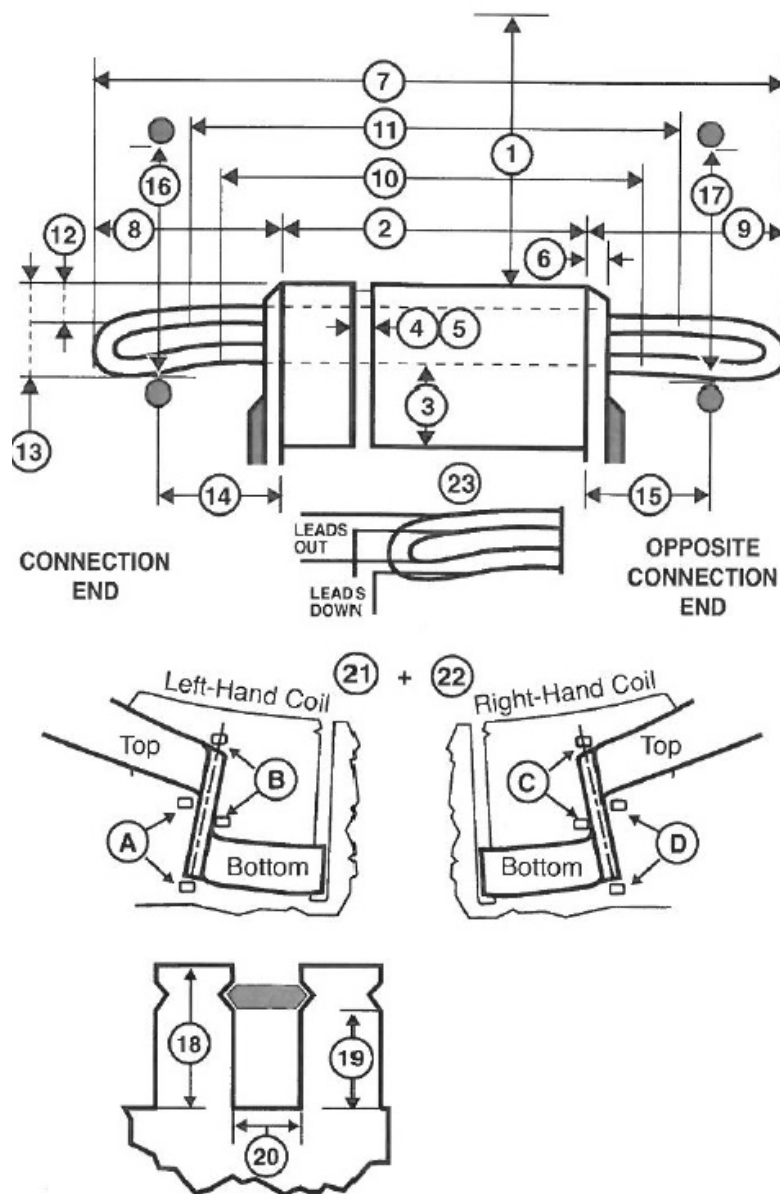
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## AC Stator Form Coil Data

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

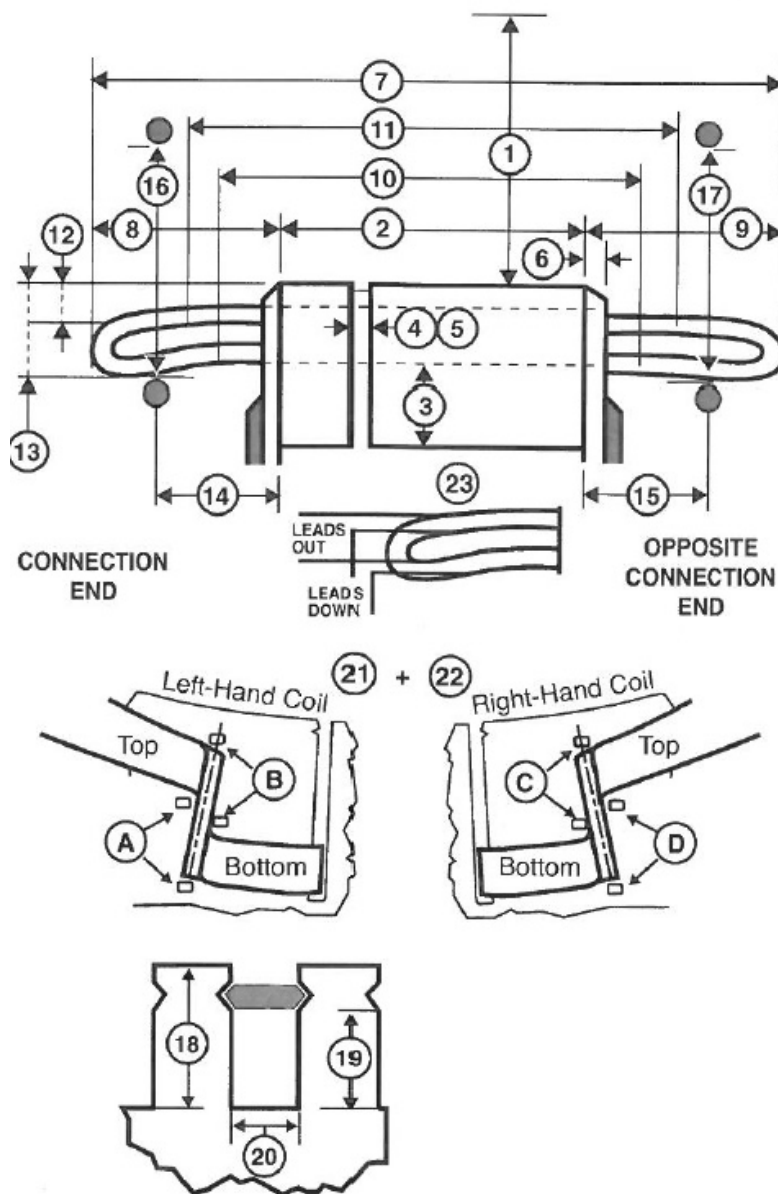
32. Strand insulation

☐ 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

