



MILLINGTON, TN

LITTLE ROCK, AR

Job Information

Job #: 96084

Date: November 21,
2019

Priority: —

Authorized OT: No

Authorized by:

Customer Information

Name: ARAUCO

Motor#:

Name Plate Information

Manufacturer:	SIEMENS	Enclosure :	Open Drop Proof (ODP)	Horsepower/kW:	150
Serial#:	1LA04454S042	Model#:	7K516623210836	Service Factor:	1.15
Frame:	445TS	Rated RPM:	1780	Rated Voltage:	460
Phase:	3	Rated Amps:	170	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	85.110	0.393	1.685	326
After burnout	85.269	0.404	1.732	328

Conclusion

Service Tech name: RHR

Service Tech signature:

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Polyphase AC Winding

Polyphase Date: November 21, 2019

Hp/kw:	150	RPM:	1780	Poles:	4	Manufacturer:	SIEMENS
Slots:	48	Type:	RGZSD	Volts:	460	Amps:	170
Coils:	48	Model:	7K516623210836	Phase:	3	Hertz:	60
12 Of 4 Grouping Of		Serial#:	1LA04454S042				
		Lead marking:					

Turns/Coil:	7	Lead length:	16	C Rise:	Frame:	445TS
Wire Size	16 17	Lead size:	1	Duty:	Cont C AMB:	
Wire Mult.	9 1	Num.Leads:	3	Eff.:	Ins.Cls.:	F
Pitch 1 to:	10	☐ DP	☐ TEFC	☐ XPRF	☐ TENV	S.F.: 1.15

Connection: 2D

Jumper:

Core length: 13.25

Core ID: 11.50

Back iron: 1.5

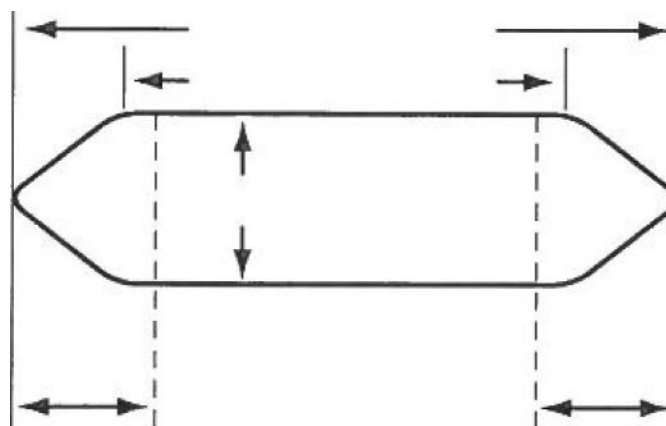
Slot depth: 1.5

Slot/tooth w: 0.354

Wire weight: 120

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: 150

RPM: 1780

Manufacturer: SIEMENS

Run

Start

Type:

Volts: 460

Model: 7K516623210836

Amps: 170

Style:

Hertz:

Form:

Frame:

No. Slots

No. Poles

Coils/pole

Dwg No.

C Rise:

Hrs.:

Cap. Mfd.:

Wire Size

Serial#: 1LA04454S042

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: ARAUCO

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

WEST TENNESSEE
7030 Ryburn Drive
Millington, TN 38053
Phone 901-873-5300
Fax 901-873-5301

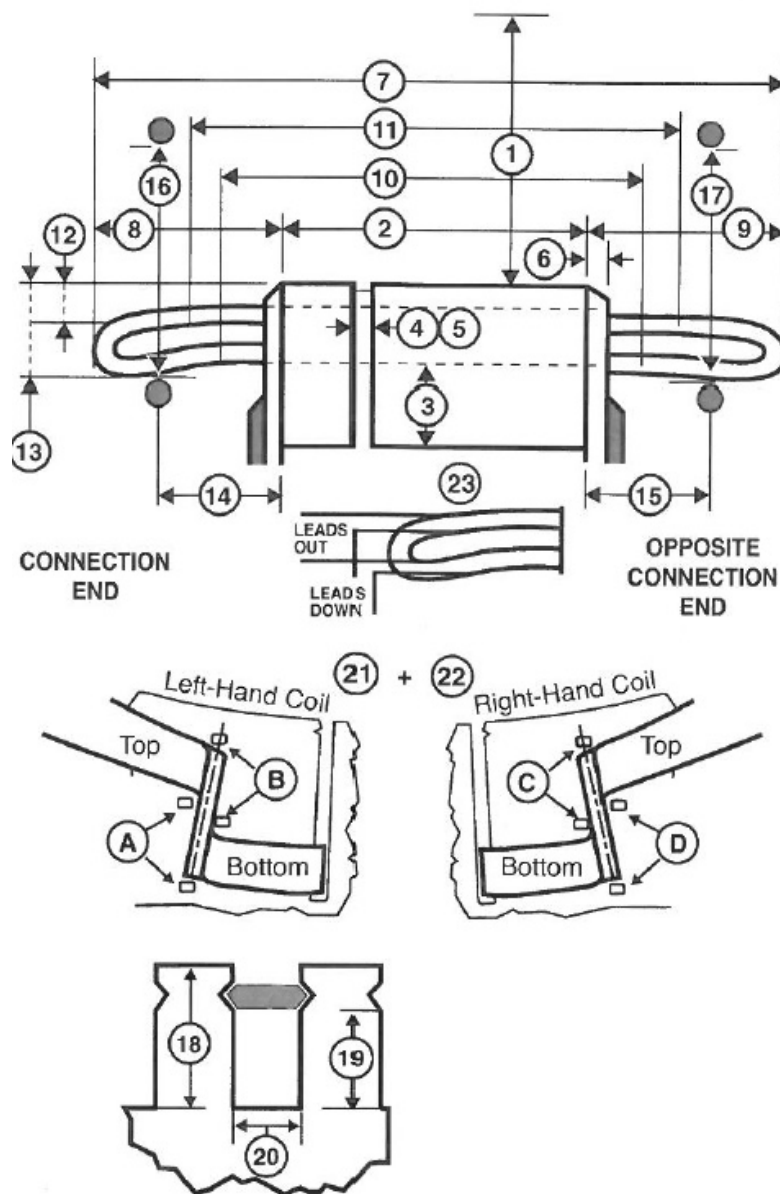
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AC Stator Form Coil Data

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

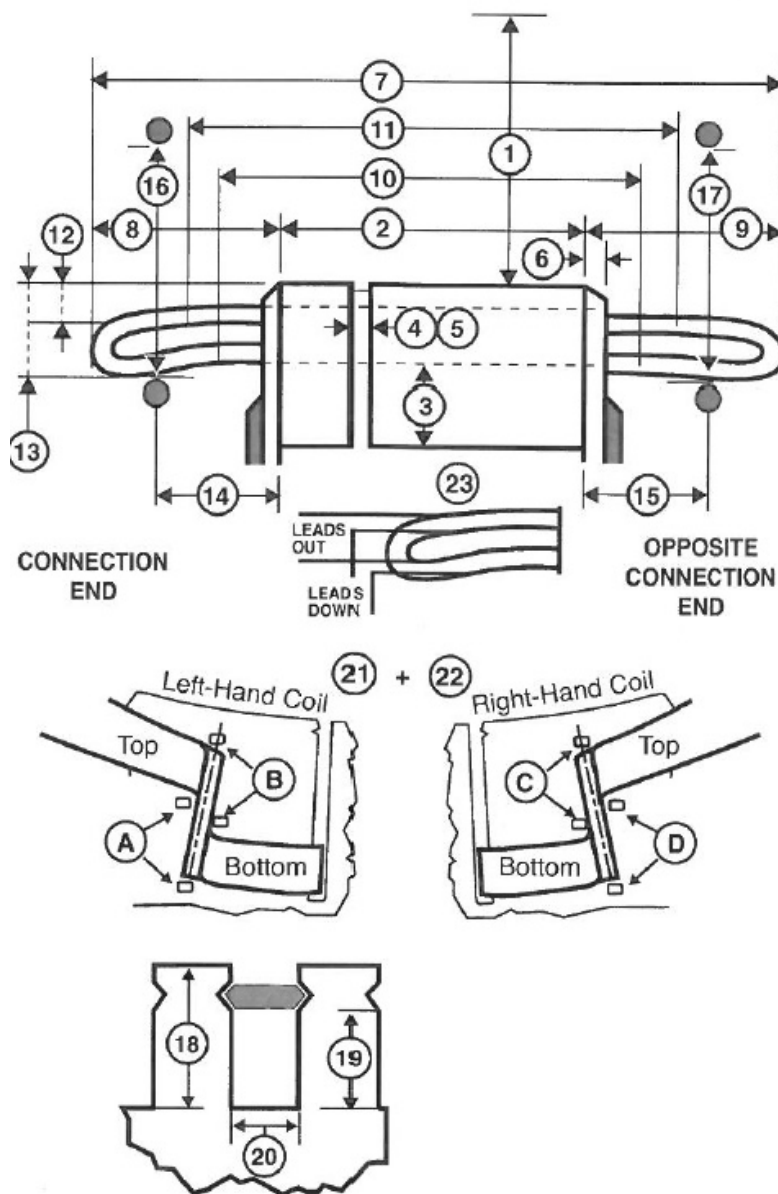
32. Strand insulation

☐ 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

