



MILLINGTON, TN

LITTLE ROCK, AR

Job Information

Job #: 139303

Date: March 11, 2019

Priority: 1A Rush/OT

Authorized OT: Yes

Authorized by:

Customer Information

Name: Southern Steel

Motor#:

Name Plate Information

Manufacturer: Unknown

Enclosure : Open Drop Proof (ODP)

Horsepower/kW: 11

Serial#: MF11X-106N166P85
006E-IP55

Model#: NR 1449973

Service Factor:

Frame: Metric

Rated RPM: 3250

Rated Voltage: 440-480

Phase: 3

Rated Amps: 20

Cycles: 60

Special design: No

AC Electrical Inspection

Megs after rewind: Bad

Surge after rewind: Good

Hi-pot after rewind: Good

Core loss: Good

Thermistors: In use

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	84.53	6	1.43	

Conclusion

Service Tech name: Kelly Felts

Service Tech signature:

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Polyphase AC Winding

First Speed

Polyphase Date: March 11, 2019

Hp/kw: 11 RPM: 3250

Manufacturer: Unknown

Slots: 36 Poles: 2

Type:

Volts: 440-480

Coils: 18

Model: NR 1449973

Amps: 20

Serial#: MF11X-106N166P85006E-IP55 Phase: 3

Lead marking: Silicone 11,12,13 Hertz:

6 Of 3
Grouping
Of

Turns/Coil: 14

Lead length: 12 C Rise: Frame: Unknown

Wire Size 18

Lead size: 12 Duty: C AMB:

Wire Mult. 2

Num.Leads: 3 Eff.: Ins.Cls.:

Pitch 1 to: 16

☐ DP ☐ TEFC ☐ XPRF ☐ TENV S.F.:

Connection: 1 wye

Jumper: 14

Core length: 9.125

Core ID: 3.5

Back iron: 0.625

Slot depth: 1.00

Slot/tooth w: 0.187

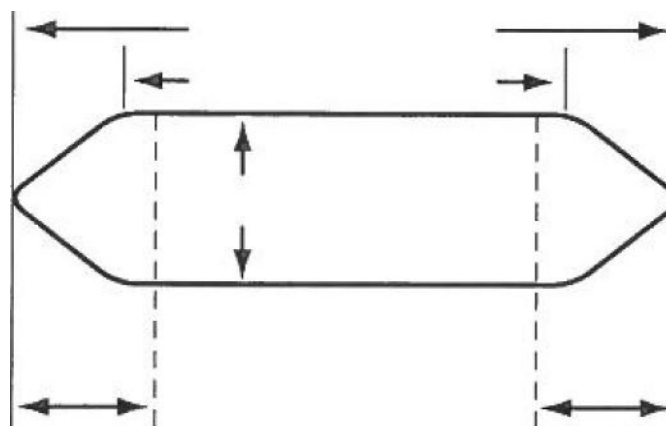
Wire weight: 23

Slot:

Tip: 12.6

Pitch: 35

COIL


☐ Left

Connection End
(Facing Terminal Box)

☐ Right



MILLINGTON, TN

LITTLE ROCK, AR

Single Phase

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

Hp/kw: 11

RPM: 3250

Manufacturer: Unknown

	Run	Start	Type:	Volts:
No. Slots			Model: NR 1449973	440-480
No. Poles			Style:	Amps: 20
Coils/pole			Form:	Hertz:
Dwg No.			C Rise:	Frame:
Wire Size			Hrs.:	Cap. Mfd.:
Serial#:			MF11X-106N166P85006E-IP55	
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: Southern Steel

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

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Millington, TN 38053
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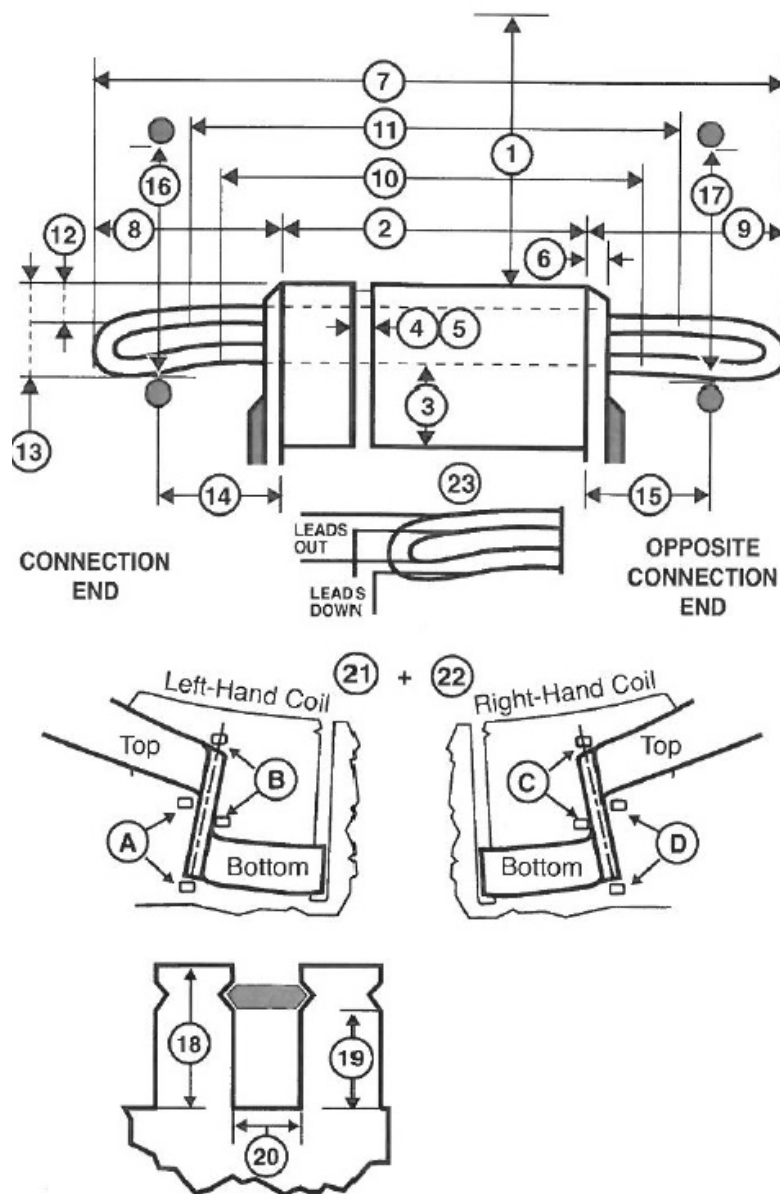
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AC Stator Form Coil Data

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

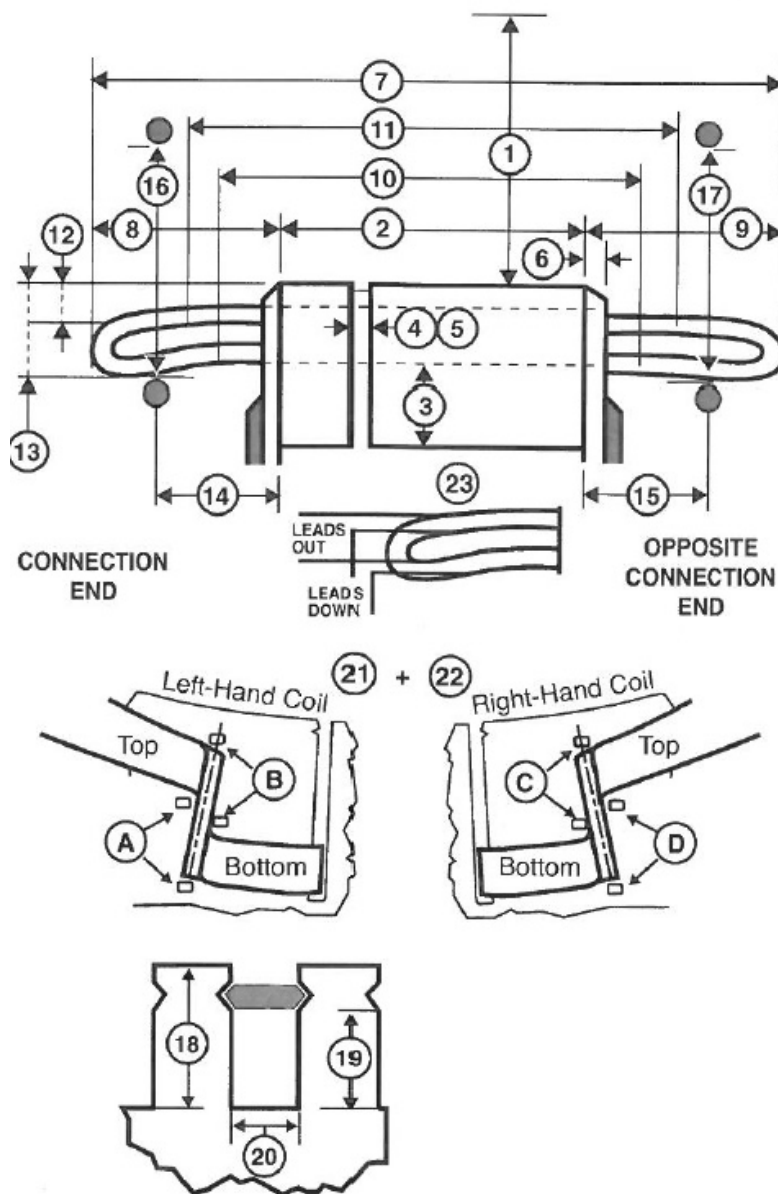
32. Strand insulation

☐ 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

