



MILLINGTON, TN

LITTLE ROCK, AR

Job Information

Job #: 139733

Date: May 23, 2019

Priority: —

Authorized OT: No

Authorized by:

Customer Information

Name: MLGW

Motor#:

Name Plate Information

Manufacturer:	US	Enclosure :	Weather Protected I (WPI)	Horsepower/kW:	150
Serial#:	P08P1940370R-1	Model#:		Service Factor:	
Frame:	445TP	Rated RPM:	1180	Rated Voltage:	460
Phase:	3	Rated Amps:	140	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: 2 Voltage: 240 Wattage: 120

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



MILLINGTON, TN

LITTLE ROCK, AR

AC Electrical Inspection (Continued)

Core Test Data

	Flux	Watts	Watts loss per lb	Condition of iron
Before burnout				
After burnout	84.69	290	1.09	

Conclusion

Service Tech name: Kelly Felts

Service Tech signature:

Kelly Felts

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Polyphase AC Winding

First Speed

Polyphase Date: May 23, 2019

Hp/kw: 150 RPM: 1180

Manufacturer: US

Slots: 72 Poles: 6

Type:

Volts: 460

Coils: 72

Model:

Amps: 140

18 Of 4

Serial#: P08P1940370R-1

Phase: 3

Grouping

Of

Lead marking:

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

Turns/Coil: 18

Lead length: 24 C Rise: Frame: 445TP

Wire Size 16 17

Lead size: 4 Duty: C AMB:

Wire Mult. 2 1

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

Pitch 1 to: 10

☐ DP ☐ TEFC ☐ XPRF ☐ TENV S.F.:

Connection: 6D

Jumper:

Core length: 15.250

Core ID: 12.250

Back iron: 0.875

Slot depth: 1.375

Slot/tooth w: 0.250

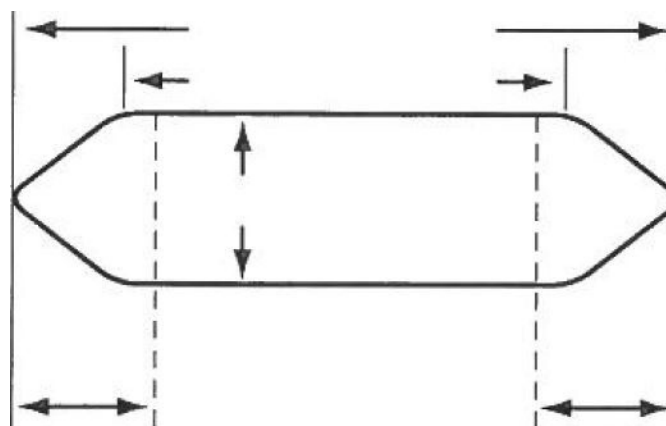
Wire weight: 146

Slot: 17.2

Tip: 2.2

Pitch: 6

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: 150

RPM: 1180

Manufacturer: US

Run

Start

Type:

Volts: 460

Model:

Amps: 140

Style:

Hertz:

Form:

Frame:

No. Slots

No. Poles

Coils/pole

Dwg No.

C Rise:

Hrs.:

Cap. Mfd.:

Wire Size

Serial#: P08P1940370R-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: MLGW

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

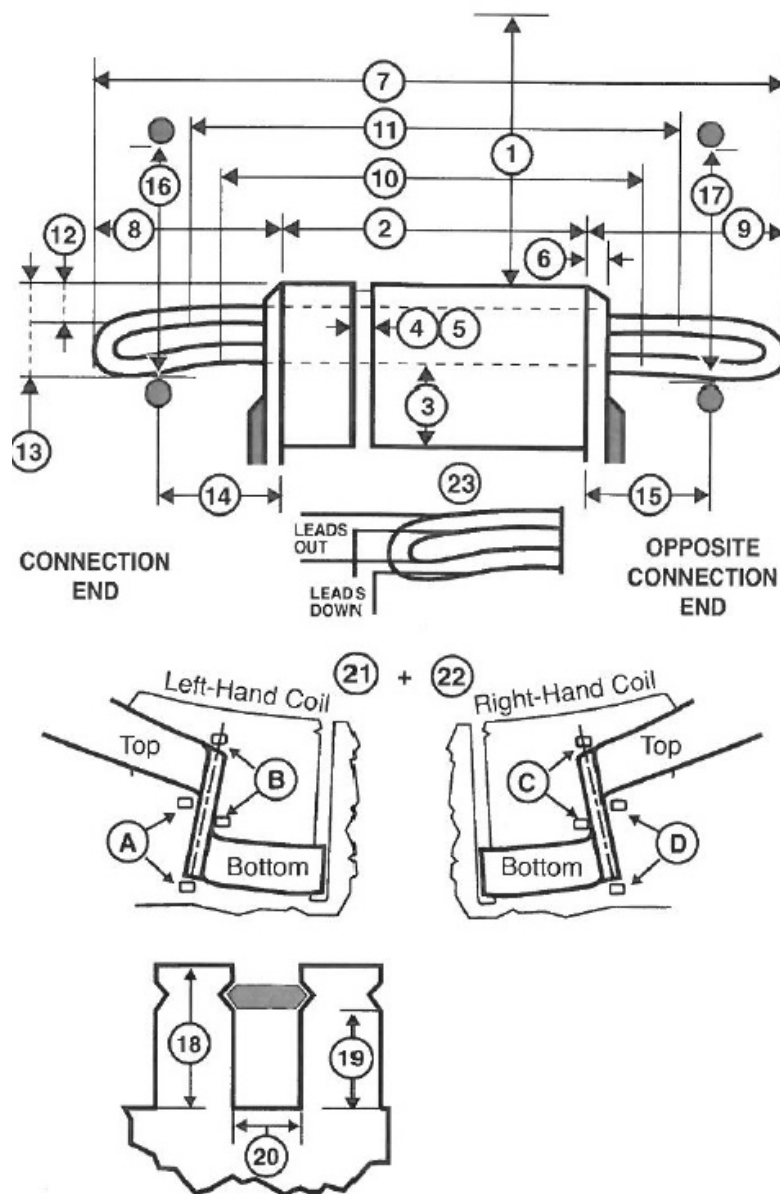
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AC Stator Form Coil Data

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

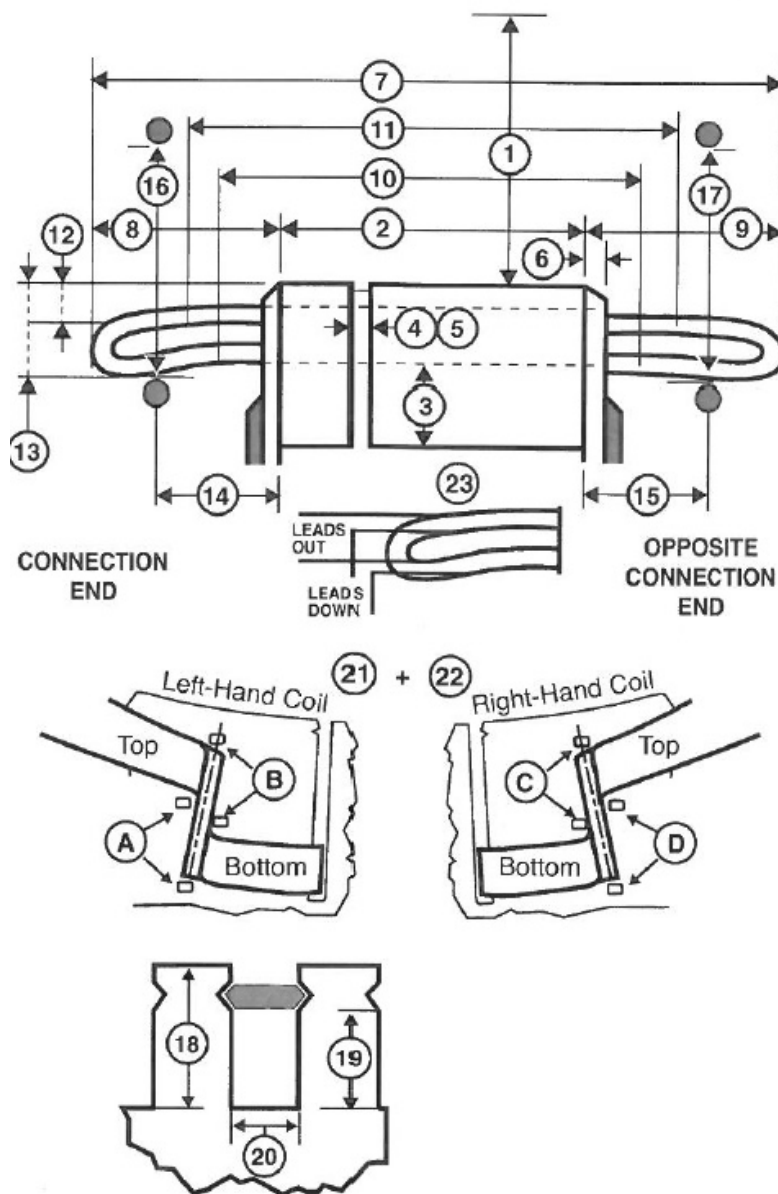
32. Strand insulation

☐ 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

