



MILLINGTON, TN

LITTLE ROCK, AR

Job Information

Job #: 96058

Date: February 3, 2020

Priority: —

Authorized OT: No

Authorized by:

Customer Information

Name: Welspun

Motor#:

Name Plate Information

Manufacturer:	WEG	Enclosure :	Open Drop Proof (ODP)	Horsepower/kW:	100
Serial#:	7000246580	Model#:	19ENE12	Service Factor:	1.25
Frame:	404/5T	Rated RPM:	1775	Rated Voltage:	460
Phase:	3	Rated Amps:	111.0	Cycles:	60

Special design: No

AC Electrical Inspection

Megs after rewind:	Good	Surge after rewind:	Good	Hi-pot after rewind:	Good
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Core loss:	Good	Thermistors:	None	Thermostat:	None
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RTD:	None	ohms at	degrees C
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Motor Heater(s) Present:	Yes	Qty:	Voltage:	Wattage:
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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	85.130	0.386	1.175	224
After burnout	84.923	0.456	1.175	181

Conclusion

Service Tech name: RHR

Service Tech signature:

 W. Wiley

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Polyphase AC Winding

Polyphase Date: February 3, 2020

Hp/kw: 100 RPM: 1775 Poles: 4 Manufacturer: WEG

Slots: 72 Type: Volts: 460

Coils: 72 Model: 19ENE12 Amps: 111.0

12 Of 6

Grouping

Of

Serial#: 7000246580

Phase: 3

Lead marking:

Hertz: 60

Turns/Coil: 11 Lead length: 12 C Rise: Frame: 404/T5

Wire Size 16 17 Lead size: 8 Duty: Cont C AMB:

Wire Mult. 1 2 Num. Leads: 12 Eff.: Ins. Cls.:

Pitch 1 to: 17 ☐ DP ☒ TEFC ☐ XPRF ☐ TENV S.F.: 1.25

Connection: 2&4 dirt

Jumper:

Core length: 13.75

Core ID: 10.25

Back iron: 1.25

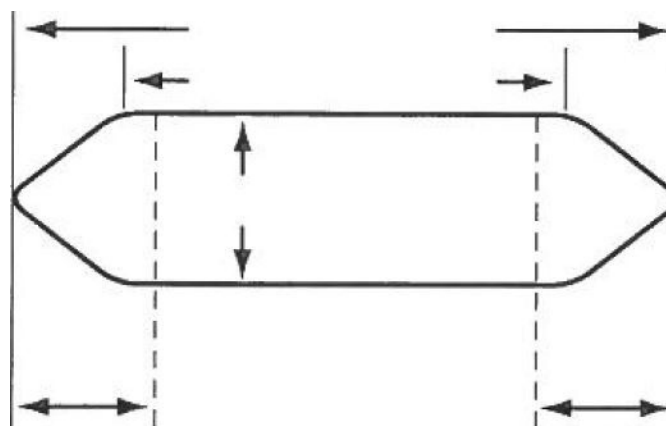
Slot depth: 1.0

Slot/tooth w: 284

Wire weight: 60

Vents: Size

COIL


☒ Left

Connection End
(Facing Terminal Box)

☐ Right

Rotor bars:



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Single Phase

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

Hp/kw: 100

RPM: 1775

Manufacturer: WEG

	Run	Start	Type:	Volts:	460
No. Slots			Model: 19ENE12	Amps:	111.0
No. Poles			Style:	Hertz:	
Coils/pole			Form:	Frame:	
Dwg No.			C Rise:	Hrs.:	Cap. Mfd.:
Wire Size			Serial#: 7000246580		
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: Welspun

(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
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CENTRAL ARKANSAS

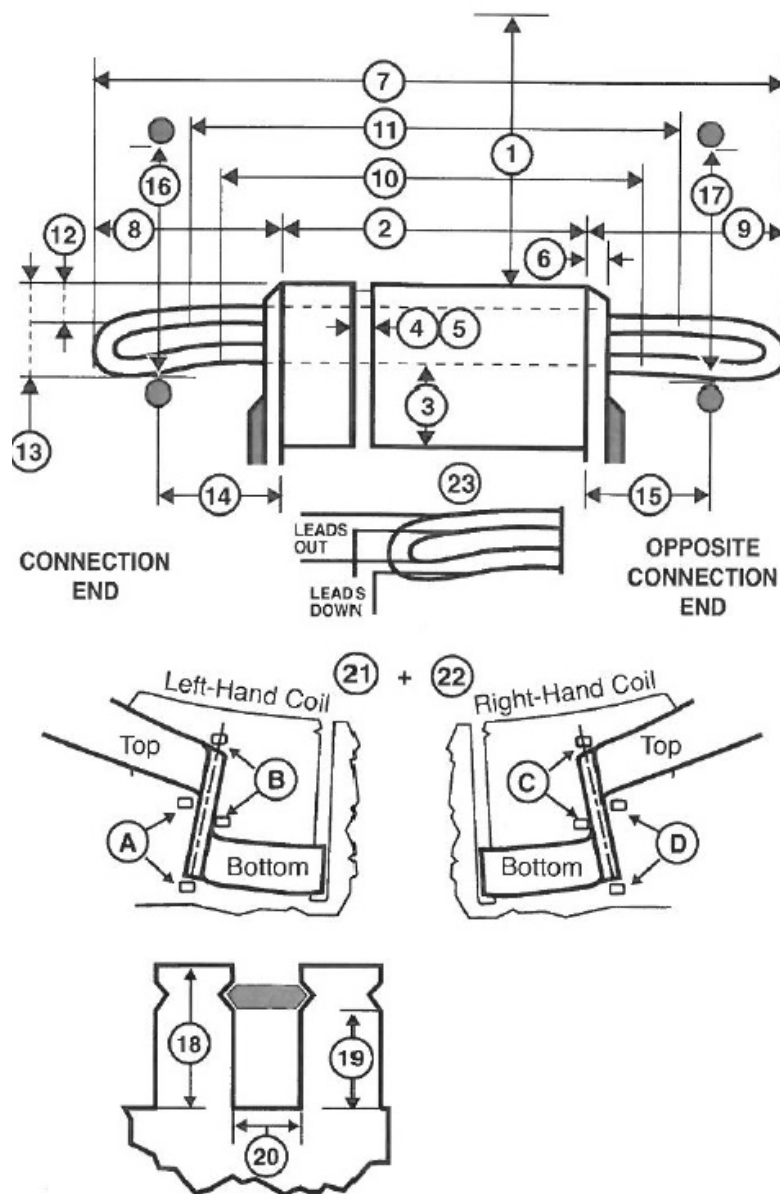
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Little Rock, AR 72206
Phone 501-375-9178
Fax 501-375-4254

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

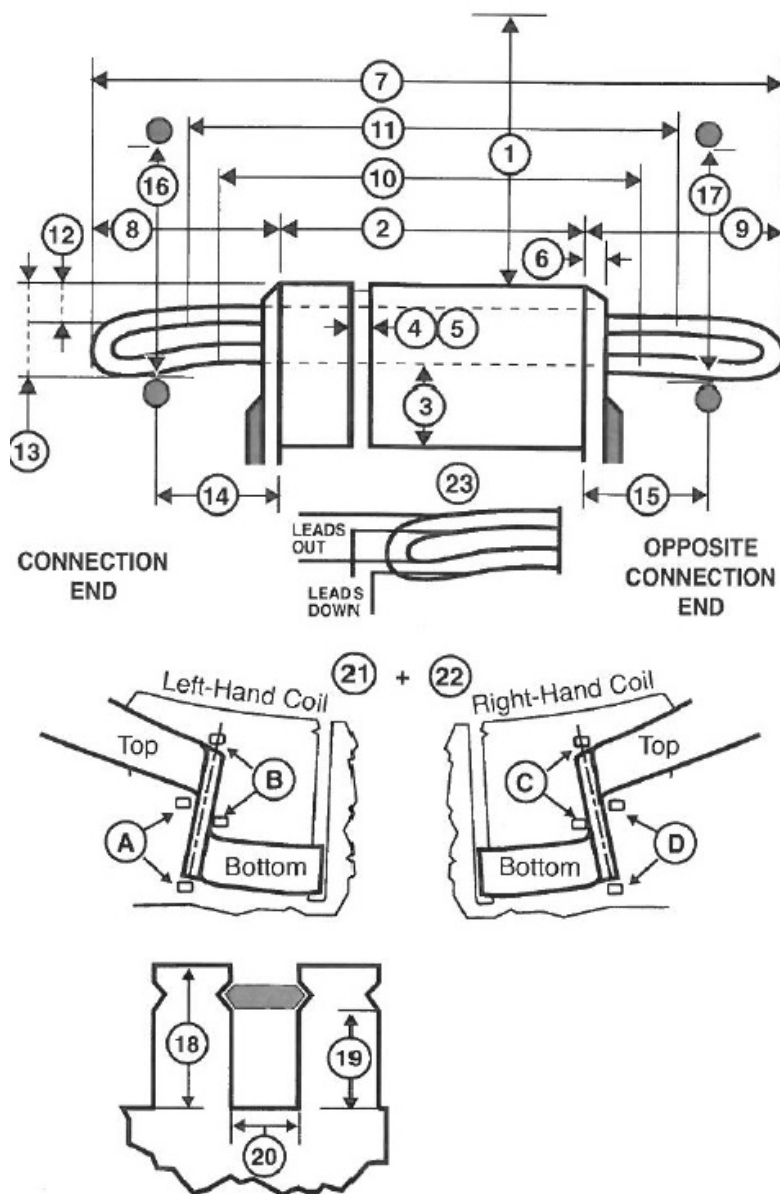
32. Strand insulation

☐ 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

