



MILLINGTON, TN

LITTLE ROCK, AR

Job Information

Job #: 96418

Date: February 14,
2020

Priority: —

Authorized OT: No

Authorized by:

Customer Information

Name: Welspun

Motor#: 96418

Name Plate Information

Manufacturer: AJAY

Enclosure : Open Drop Proof
(ODP)

Horsepower/kW: 12.5/3.9

Serial#: HECO003123

Model#:

Service Factor:

Frame:

Rated RPM: 3450

Rated Voltage:

Phase: 3

Rated Amps: 16

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



MILLINGTON, TN

LITTLE ROCK, AR

AC Electrical Inspection (Continued)

Core Test Data

	Flux	Watts	Watts loss per lb	Condition of iron
Before burnout	85.172	0.687	2.085	92
After burnout	85.417	0.795	2.630	100

Conclusion

Service Tech name: Joshua starks

Service Tech signature:

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MILLINGTON, TN

LITTLE ROCK, AR

Polyphase AC Winding

Polyphase Date: February 14, 2020

Hp/kw: 12.5/3.9 RPM: 3450 Poles: 2 Manufacturer: AJAY

Slots: 24 Type: 325PH125 Volts: 16

Coils: 12 Model: Amps: 16

6 Of 2
Grouping Of

Serial#: HECO003123

Phase: 3

Lead marking: Hertz: 60

Turns/Coil: 33 Lead length: 13 C Rise: Frame:

Wire Size 19 20 Lead size: 16 Duty: C AMB:

Wire Mult. 2 1 Num. Leads: 6 Eff.: Ins. Cls.:

Pitch 1 to: 10 ☐ DP ☐ TEFC ☐ XPRF ☐ TENV S.F.:

Connection: 1y1D

Jumper:

Core length: 7.375

Core ID: 4.5

Back iron: 0.875

Slot depth: 0.562

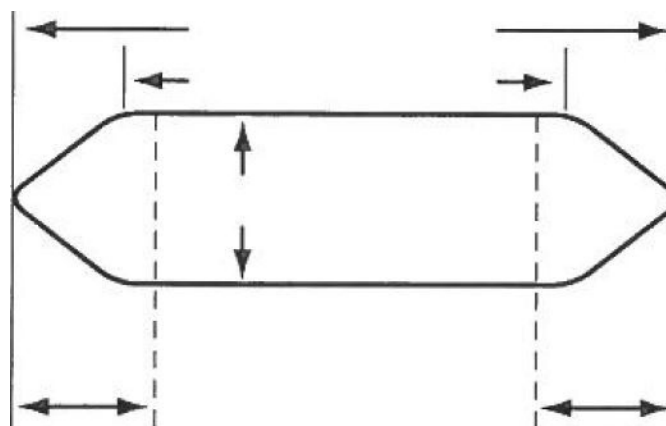
Slot/tooth w: 0.305

Wire weight: 8.250

Vents: Size

Rotor bars:

COIL

☒ LeftConnection End
(Facing Terminal Box)☐ Right

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MILLINGTON, TN

LITTLE ROCK, AR

Single Phase

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

Hp/kw: 12.5/3.9

RPM: 3450

Manufacturer: AJAY

	Run	Start	Type:	Volts:
No. Slots			Model:	Amps: 16
No. Poles			Style:	Hertz:
Coils/pole			Form:	Frame:
Dwg No.			C Rise:	Hrs.: Cap. Mfd.:
Wire Size			Serial#: HECO003123	
Wires in par.			Duty: —	<input type="checkbox"/> BB <input type="checkbox"/> 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)

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CENTRAL ARKANSAS

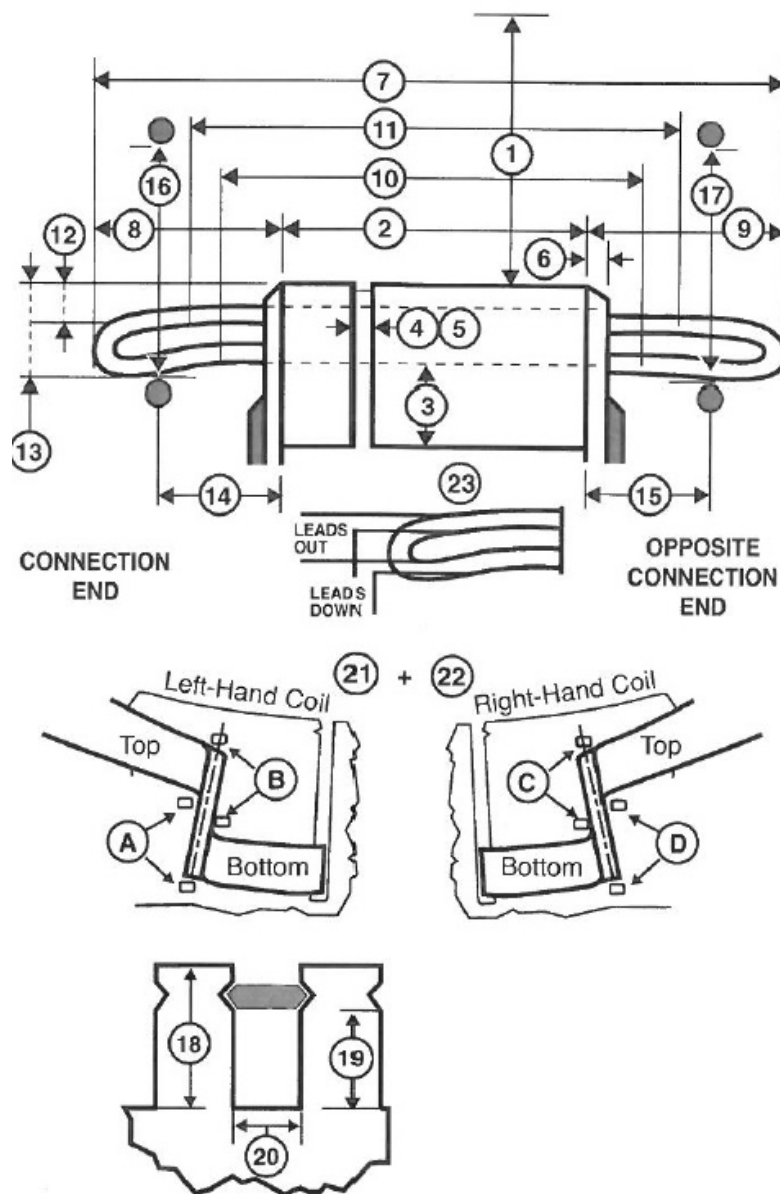
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AC Stator Form Coil Data

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

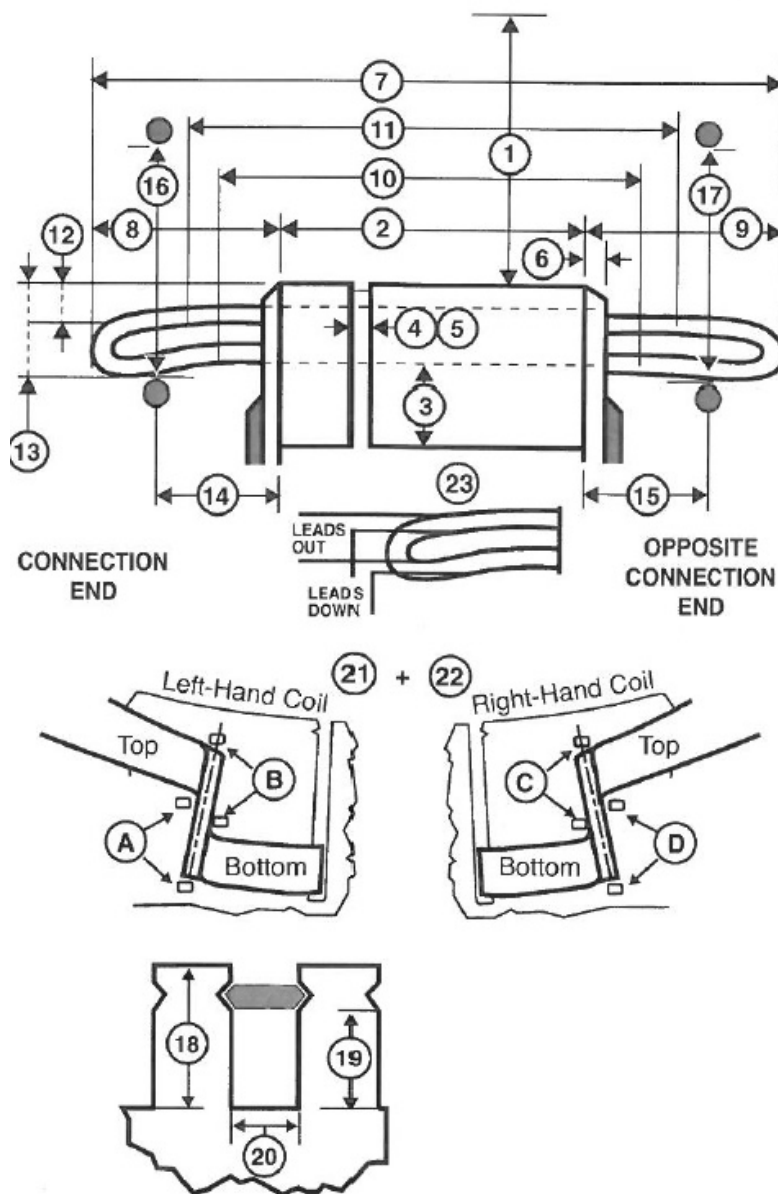
32. Strand insulation

☐ 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	<input type="checkbox"/>	<input type="checkbox"/>
Coil support ring steel	<input type="checkbox"/>	<input type="checkbox"/>
Terrace wound	<input type="checkbox"/>	<input type="checkbox"/>
Corona Protection	<input type="checkbox"/>	<input type="checkbox"/>
RTDs	<input type="checkbox"/>	<input type="checkbox"/>
Ohms Qty		
Hermetic	<input type="checkbox"/>	<input type="checkbox"/>
Slot paper used	<input type="checkbox"/>	<input type="checkbox"/>
Insulation class	<input type="checkbox"/> B <input type="checkbox"/> F <input type="checkbox"/> H	
	<input type="checkbox"/> VPI <input type="checkbox"/> Dip & Bake <input type="checkbox"/> Sealed	
	<input type="checkbox"/> Leads taped <input type="checkbox"/> Leads sleeved	
Comments		

