



MILLINGTON, TN

LITTLE ROCK, AR

Job Information

Job #: 95334

Date: March 13, 2019

Priority: —

Authorized OT: No

Authorized by:

Customer Information

Name: Welspun

Motor#:

Name Plate Information

Manufacturer:	Us-Nidec	Enclosure :	Open Drop Proof (ODP)	Horsepower/kW:	150
Serial#:	T09 7538511-0001-R-00-04	Model#:		Service Factor:	1.15
Frame:	H444TP	Rated RPM:	1780	Rated Voltage:	460
Phase:	3	Rated Amps:	164	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)

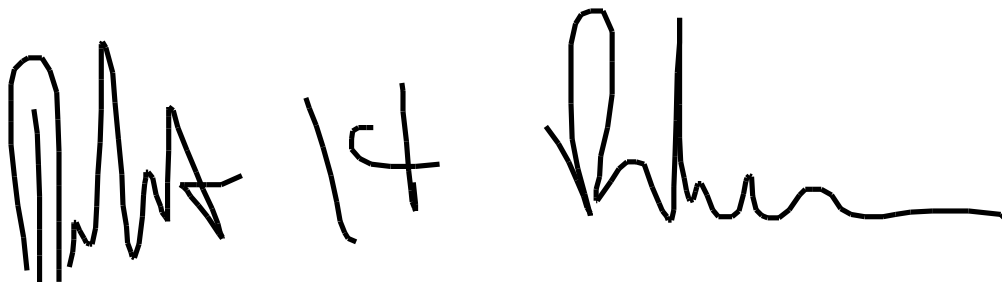
Core Test Data

	Flux	Watts	Watts loss per lb	Condition of iron
Before burnout	85.265	0.366	0.996	264
After burnout	85.321	0.317	0.793	243

Conclusion

Service Tech name: RHR

Service Tech signature:



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MILLINGTON, TN

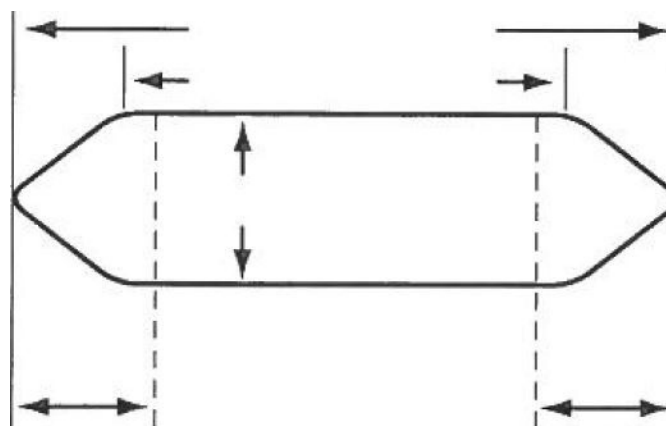
LITTLE ROCK, AR

Polyphase AC Winding

Polyphase Date: March 13, 2019

Hp/kw:	150	RPM:	1780	Poles:	4	Manufacturer:	Us-Nidec	
Slots:	72	Type:		Rust	Volts:	460		
Coils:	72	Model:		Amps:	164			
Grouping		12	Of	6	Serial#:	T09 7538511-0001-R-00-04	Phase:	3
			Of		Lead marking:	1-2-3-7-8-9	Hertz:	60
Turns/Coil:	10	Lead length:	2	C Rise:		Frame:	H444TP	
Wire Size	16	17	Lead size:	4	Duty:	Cont	C AMB:	
Wire Mult.	2	6	Num.Leads:	6	Eff.:		Ins.Cls.:	
Pitch 1 to:	16	☐ DP	☐ TEFC	☐ XPRF	☐ TENV	S.F.:	1.15	
Connection:	2D-2D. PWS							
Jumper:								
Core length:	14.125							
Core ID:	10.875							
Back iron:	1.0							
Slot depth:	1.75							
Slot/tooth w:	0.205							
Wire weight:	194							
Vents:	Size							
Rotor bars:								

COIL

Connection End
(Facing Terminal Box)☒ Left☐ Right

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MILLINGTON, TN

LITTLE ROCK, AR

Single Phase

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

Hp/kw: 150

RPM: 1780

Manufacturer: Us-Nidec

Run

Start

Type:

Volts: 460

Model:

Amps: 164

Style:

Hertz:

Form:

Frame:

No. Slots

No. Poles

Coils/pole

Dwg No.

C Rise:

Hrs.:

Cap. Mfd.:

Wire Size

Serial#: T09 7538511-0001-R-00-04

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)

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CENTRAL ARKANSAS

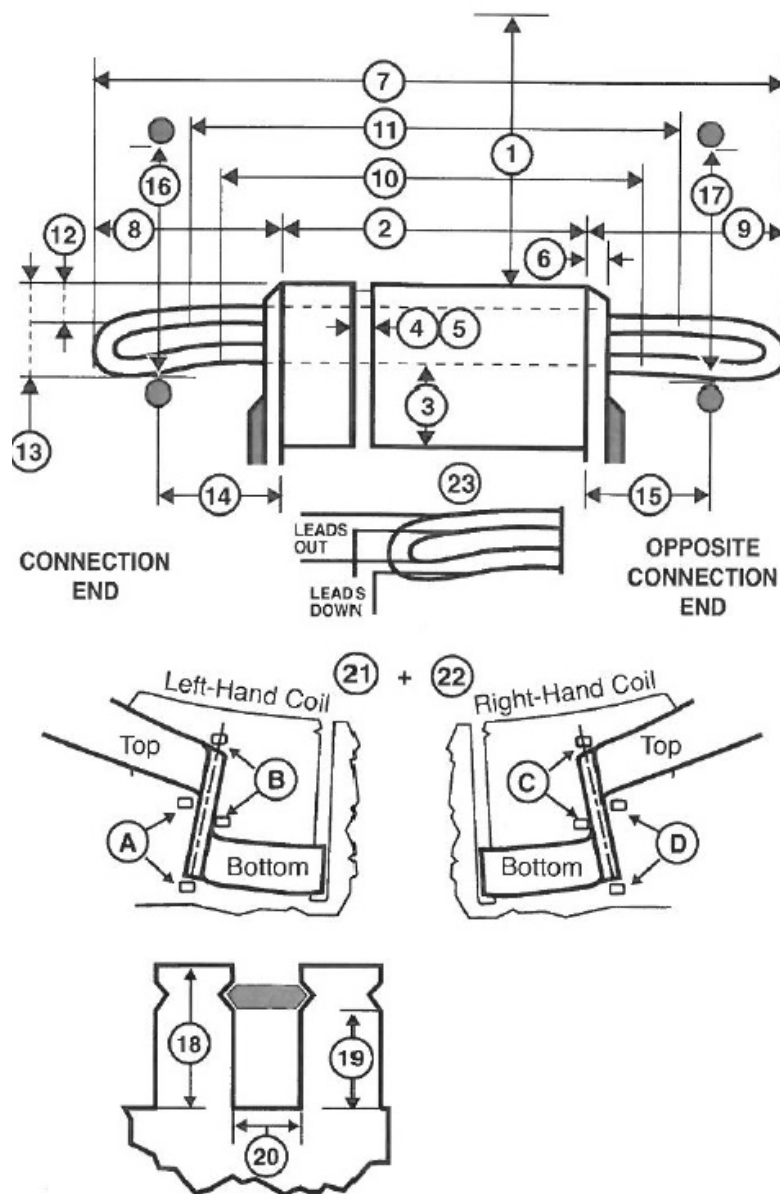
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AC Stator Form Coil Data

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

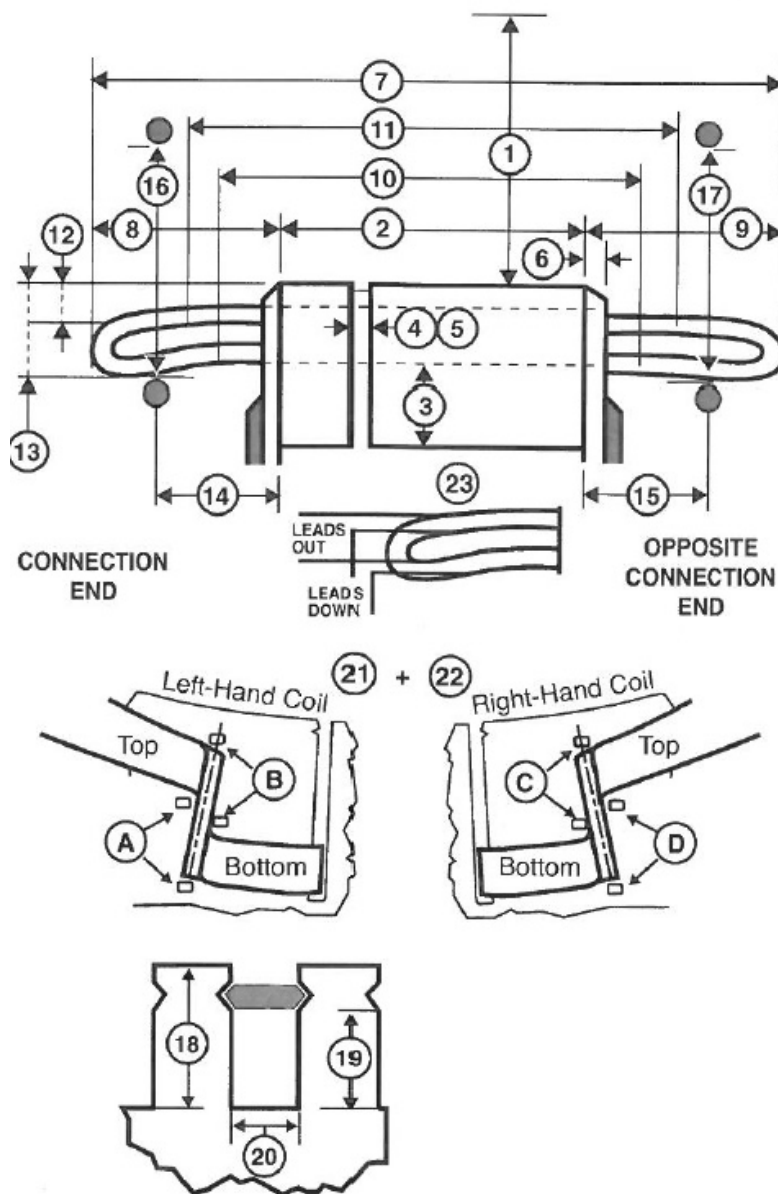
32. Strand insulation

☐ 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 ☐ ☐

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

