



MILLINGTON, TN

LITTLE ROCK, AR

## Job Information

Job #: 140862

Date: October 14,  
2019

Priority: —

Authorized OT: No

Authorized by:

## Customer Information

Name: Sonco

Motor#: 140862

## Name Plate Information

Manufacturer: US

Enclosure : Open Drop Proof  
(ODP)

Horsepower/kW: 75

Serial#: RD-968-00-271

Model#: RD-968-00-271

Service Factor:

Frame: 365TS

Rated RPM: 1800

Rated Voltage: 208

Phase: 3

Rated Amps: 201

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: 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	84.63	610	3.99	7

## Conclusion

Service Tech name: Shawn

Service Tech signature:

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# Polyphase AC Winding

Polyphase Date:

Hp/kw: 75 RPM: 1800 Poles: 4 Manufacturer: US

Slots: 48 Type: Volts: 208

Coils: 48 Model: RD-968-00-271 Amps: 201

Serial#: RD-968-00-271 Phase: 3

Lead marking: 123789 Hertz: 60

12 Of 4  
Grouping  
Of

Turns/Coil: 11 Lead length: 12 C Rise: Frame: 365TS

Wire Size 16 17 Lead size: 4 Duty: C AMB:

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

Pitch 1 to: 11 ☒ DP ☐ TEFC ☐ XPRF ☐ TENV S.F.:

Connection: 4D pws

Jumper:

Core length: 10.0

Core ID: 7.0

Back iron: 1.312

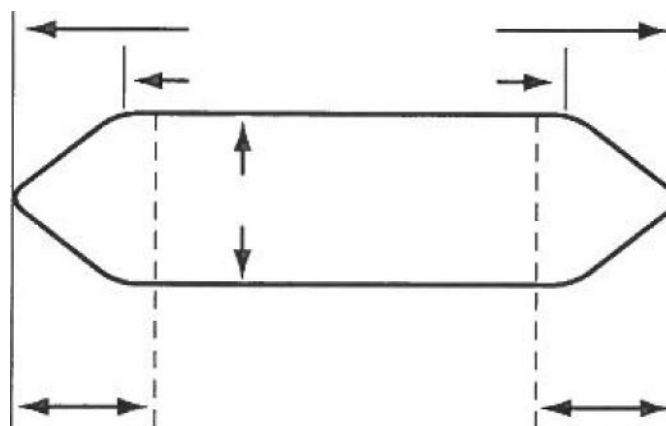
Slot depth: 1.125

Slot/tooth w: 0.312

Wire weight: 58

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: 75

RPM: 1800

Manufacturer: US

Run

Start

Type:

Volts: 208

Model: RD-968-00-271

Amps: 201

Style:

Hertz:

Form:

Frame:

No. Slots

No. Poles

Coils/pole

Dwg No.

C Rise:

Hrs.:

Cap. Mfd.:

Wire Size

Serial#: RD-968-00-271

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: Sonco

(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

Slot 9.0  
Span 7.6  
ER 2.2
