



MILLINGTON, TN

LITTLE ROCK, AR

Job Information

Job #: 96390

Date: February 17, 2020

Priority: —

Authorized OT: No

Authorized by:

Customer Information

Name: Sage Foods

Motor#:

Name Plate Information

Manufacturer: Hydromatic

Enclosure : Weather Protected
II (WP II)

Horsepower/kW: 30

Serial#: S0012969

Model#: S4K3000M4-4

Service Factor:

Frame:

Rated RPM: 1750

Rated Voltage: 460

Phase: 3

Rated Amps: 40.1

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: In use

RTD: None

ohms at

degrees C

Motor Heater(s) Present: No

Qty:

Voltage:

Wattage:

WEST TENNESSEE7030 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				

Conclusion

Service Tech name: Robert Wiley

Service Tech signature:

Robert Wiley

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MILLINGTON, TN

LITTLE ROCK, AR

Polyphase AC Winding

Polyphase Date:

Hp/kw: 30

RPM: 1750

Poles:

Manufacturer: Hydromatic

Slots:

Type:

Volts: 460

Coils:

Model: S4K3000M4-4

Amps: 40.1

Grouping

Of

Serial#: S0012969

Phase: 3

Of

Lead marking:

Hertz:

Turns/Coil:

Lead length:

C Rise:

Frame:

Wire Size

Lead size:

Duty:

C AMB:

Wire Mult.

Num. Leads:

Eff.:

Ins. Cls.:

Pitch 1 to:

☐ DP☐ TEFC☐ XPRF☐ TENV

S.F.:

Connection:

Jumper:

Core length:

Core ID:

Back iron:

Slot depth:

Slot/tooth w:

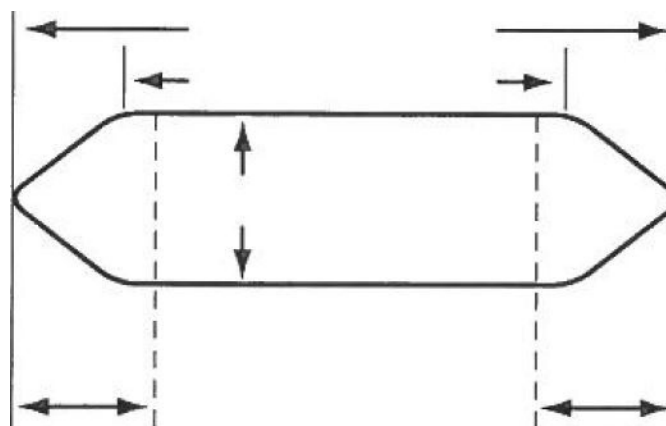
Wire weight:

Vents:

Size

Rotor bars:

COIL

☐ LeftConnection End
(Facing Terminal Box)☐ Right**WEST TENNESSEE**

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MILLINGTON, TN

LITTLE ROCK, AR

Single Phase

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

Hp/kw: 30

RPM: 1750

Manufacturer: Hydromatic

Run

Start

Type:

Volts: 460

Model: S4K3000M4-4

Amps: 40.1

No. Slots

Style:

Hertz:

No. Poles

Form:

Frame:

Coils/pole

Dwg No.

C Rise:

Hrs.:

Cap. Mfd.:

Wire Size

Serial#: S0012969

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: Sage Foods

(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

