

Job Information

Job #: 95757 Date: July 17, 2019

Priority: — Authorized OT: No Authorized by:

Customer Information

Name: Sage Foods Motor#:

Name Plate Information

Manufacturer: Hydro Magic Enclosure: Open Drop Proof Horsepower/kW: 30

(ODP)

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: None

RTD: None ohms at degrees C

Motor Heater(s) Present: Yes Qty: Voltage: Wattage:



AC Electrical Inspection (Continued)

Core Test Data

	Flux	Watts	Watts loss per lb	Condition of iron
Before burnout	86.686	0.513	2.125	182
After burnout	85.166	0.624	2.668	190

Conclusion

Service Tech name: RHR

Service Tech signature:

July 17, 2019

Polyphase Date:



Polyphase	AC	Wind	ding
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4 Manufacturer: Hp/kw: 30 RPM: 1750 Poles: Hydro Magic

Slots: 48 Volts: 460 Type:

Coils: 48 Model: S4K3000M4-4 Amps: 40.1

12 Of 4 Serial#: S0012969 Phase: 3

Grouping Lead marking: Hertz: 60 Of

10 Turns/Coil: Lead length: 12 C Rise: Frame:

Wire Size Lead size: C AMB: 18 19 12 Duty:

Wire Mult. 2 1 Num.Leads: 9 Eff.: Ins.Cls.:

11 □ DP TEFC **XPRF** TENV Pitch 1 to: S.F.:

2Y Connection:

Core length: 6.5

6.625 Core ID:

Back iron: 1.0

Slot depth: 0.75

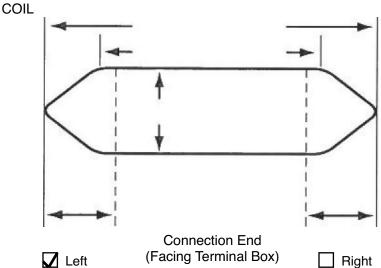
Slot/tooth w: 0.248

Wire weight: 15

Vents: Size

Rotor bars:

Jumper:







Single F	Phas	e		{		: Phas acitor:	_	□ □ St	art		☐ Sta	art & R	un	☐ F	Perm.	Split		
Hp/kw:	30			RPM:	1	750			Manu	facture	er:	Hydro	Magio	0				
		Run		Start			Type:							V	olts:	460)	
No. Slots						1	Model:	5	34K300	0M4-4				Ar	nps:	40.	1	
							Style:							H	ertz:			
No. Poles	3						Form:							Fra	ame:			
Coils/pole	€																	
Dwg No							C Ris	se:			Hrs.:			Ca	ap. Mi	fd.:		
Wire Size	€					S	erial#:	5	00129	69								
Wires in par							Dut	ty: -	_					☐ E	3B		SB	
No. Circuits	3			Open: —														
Coil Ext						Sta.I	ength:						Sta	.b.i.:				
Stator Bore	e																	
			I															
Running																		
Slot No	. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Starting	g 🔲																	
Customer	: 8	Sage F	oods															

(Please return a copy to EASA Headquarters, 1331 Baur Blvd., St. Louis, MO 63132)



AC Stator Form Coil Data

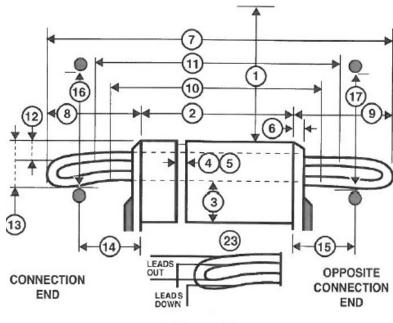
- 1. Core bore diameter
- 2. Total core length
- 3. Back iron
- 4. No. of vents
- 5. Width of vents
- 6. Finger plate width
- 7. Overall coil length
- 8. Connnection end extension
- 9. Opposite Conn. End Ext.
- 10. Straight length bottom side
- 11. Straight length top side
- 12. Small knuckle drop. CE

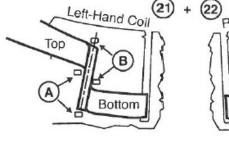
OCE

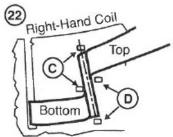
13. Large knuckle drop. CE

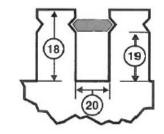
OCE

- 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











CENTRAL ARKANSAS



AC Stator Form Coil Data (Continued)

21. Lead location A B C D

23. Coil leads Long# LG

Short# LG

Out Down

24. Jumper —

25. Connection —

26. No. of circuits

27. No. of slots

28. Coil throw

29. Turns per coil

30. Total wires in parallel

31. Bare wire sizes () x

() x

32. Strand insulation

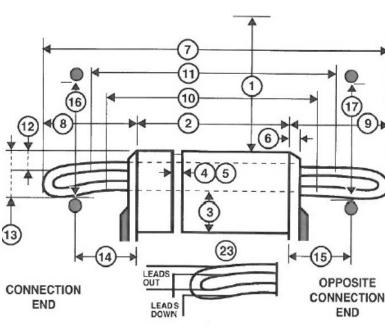
☐ Film ☐ Glass ☐ Mica ☐ Bare ☐ Other

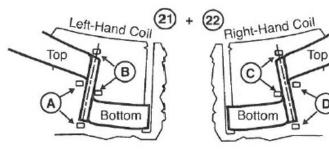
33. Coil weight Lbs.

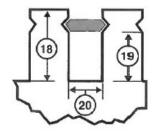
34. Groups of Coils

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 B H							
☐ VPI ☐ Dip & Bake ☐ Sealed							
Leads taped Leads sleeved							
Comments							

