

Job Information

Job #: 95642 Date: June 11, 2019

Priority: — Authorized OT: No Authorized by:

Customer Information

Name: Highland Dairy Motor#:

Name Plate Information

Manufacturer: Thermo-King Enclosure: Open Drop Proof Horsepower/kW: 7.2

(ODP)

Serial#: 897624UF005 Model#: Service Factor:

Frame: 184TT Rated RPM: 1800 Rated Voltage: 230/460

Phase: 3 Rated Amps: 19.4/9.7 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 loss per lb Condition of iron Watts

Before burnout

After burnout 86.311 0.679 3.351 154

Conclusion

Service Tech name: **RHR**

Service Tech signature:

Fax 501-375-4254

June 11, 2019

Polyphase Date:



Polypha	se AC	Win	iding
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Grouping

Connection:

Jumper:

Hp/kw: 7.2 RPM: 1800 Poles: 4 Manufacturer: Thermo-King

Slots: 48 Volts: 230/460 Type:

Coils: 24 Model: Amps: 19.4/9.7

6 Of 4 Serial#: 897624UF005 3 Phase:

Lead marking: 1-12 Hertz: 60 Of

Turns/Coil: 22 Lead length: 8 C Rise: Frame: 184TT

Wire Size 20 Lead size: C AMB: 21 16 Duty:

Wire Mult. 1 2 Num.Leads: 12 Eff.: Ins.Cls.:

□ DP TEFC **XPRF** TENV Pitch 1 to: 10121416 S.F.:

1&2cirt

Core length: 5.75

Core ID: 4.125

Back iron: 0.5

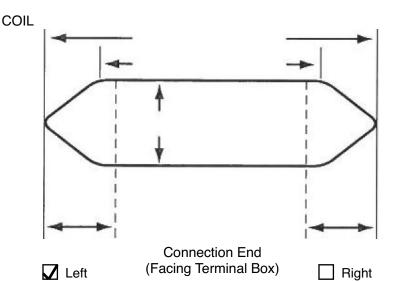
Slot depth: 0.437

Slot/tooth w: 0.187

Wire weight: 6

Vents: Size

Rotor bars:







Single F	has	e		{		: Phas	_		art	Г	⊐ e+,	art & Ri	un		Perm. S	Split		
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Hp/kw:	7.2			RPM:	1	800			Manu	facture	er:	Therm	no-Kin	g				
		Run		Start	•		Type:	:						V	olts:	230	/460	
						ľ	Model:	:						Ar	nps:	19.4	1/9.7	
No. Slots	5						Style:	:						Н	ertz:			
No. Poles	3						Form:	• •						Fra	ame:			
Coils/pole	Э																	
Dwg No				C Rise:							Hrs.:	.: Cap. Mfd.:						
Wire Size	Wire Size Serial#: 897624UF005																	
Wires in par	:						Du	ty: -	_					☐ E	3B		SB	
No. Circuits	6			Open: —														
Coil Ext	-			Sta.length:							Sta.b.i.:							
Stator Bore	e																	
			l															
Running	g 🗆																	
Slot No	. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Starting																		
Customer	: F	lighlan	d Dair	у														

(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							



