



MILLINGTON, TN

LITTLE ROCK, AR

## Job Information

Job #: 95107

Date: January 23,  
2019

Priority: —

Authorized OT: No

Authorized by:

## Customer Information

Name: Hilland Dairy

Motor#:

## Name Plate Information

Manufacturer:	Thermostat King	Enclosure :	Open Drop Proof (ODP)	Horsepower/kW:	7.2
Serial#:	182778WJ005	Model#:	3n184TT	Service Factor:	
Frame:	184T	Rated RPM:	1765	Rated Voltage:	230/460
Phase:	3	Rated Amps:	19.4/9.70	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



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## AC Electrical Inspection (Continued)

### Core Test Data

	Flux	Watts	Watts loss per lb	Condition of iron
Before burnout				
After burnout				

## Conclusion

Service Tech name: RHR

Service Tech signature:

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# Polyphase AC Winding

Polyphase Date: January 23, 2019  
 4 Manufacturer: Thermostat King

Hp/kw: 7.2 RPM: 1765 Poles: 4  
 Slots: 48 Type: Volts: 230/460  
 Coils: 24 Model: 3n184TT Amps: 19.4/9.70  
 Serial#: 182778WJ005 Phase: 3  
 Lead marking: Hertz: 60

6 Of 4  
 Grouping Of

Turns/Coil: 21 Lead length: 9 C Rise: Frame: 184T  
 Wire Size 20 21 Lead size: 18 Duty: C AMB:  
 Wire Mult. 1 2 Num.Leads: 12 Eff.: Ins.Cls.:  
 Pitch 1 to: 10121416 ☐ DP ☐ TEFC ☐ XPRF ☐ TENV S.F.:

Connection: 1&2CIR

Jumper:

Core length: 5.5

Core ID: 4.125

Back iron: 0.5

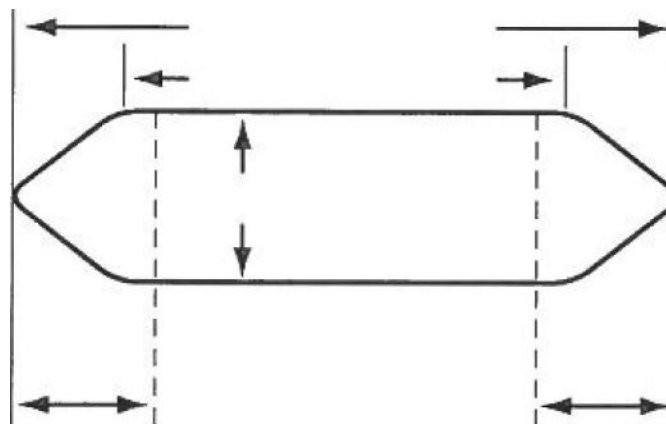
Slot depth: 0.5

Slot/tooth w: 0.134

Wire weight: 9

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: 7.2

RPM: 1765

Manufacturer: Thermostat King

Run

Start

Type:

Volts: 230/460

Model: 3n184TT

Amps: 19.4/9.70

Style:

Hertz:

Form:

Frame:

Coils/pole

Dwg No.

C Rise:

Hrs.:

Cap. Mfd.:

Wire Size

Serial#: 182778WJ005

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: Hilland Dairy

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

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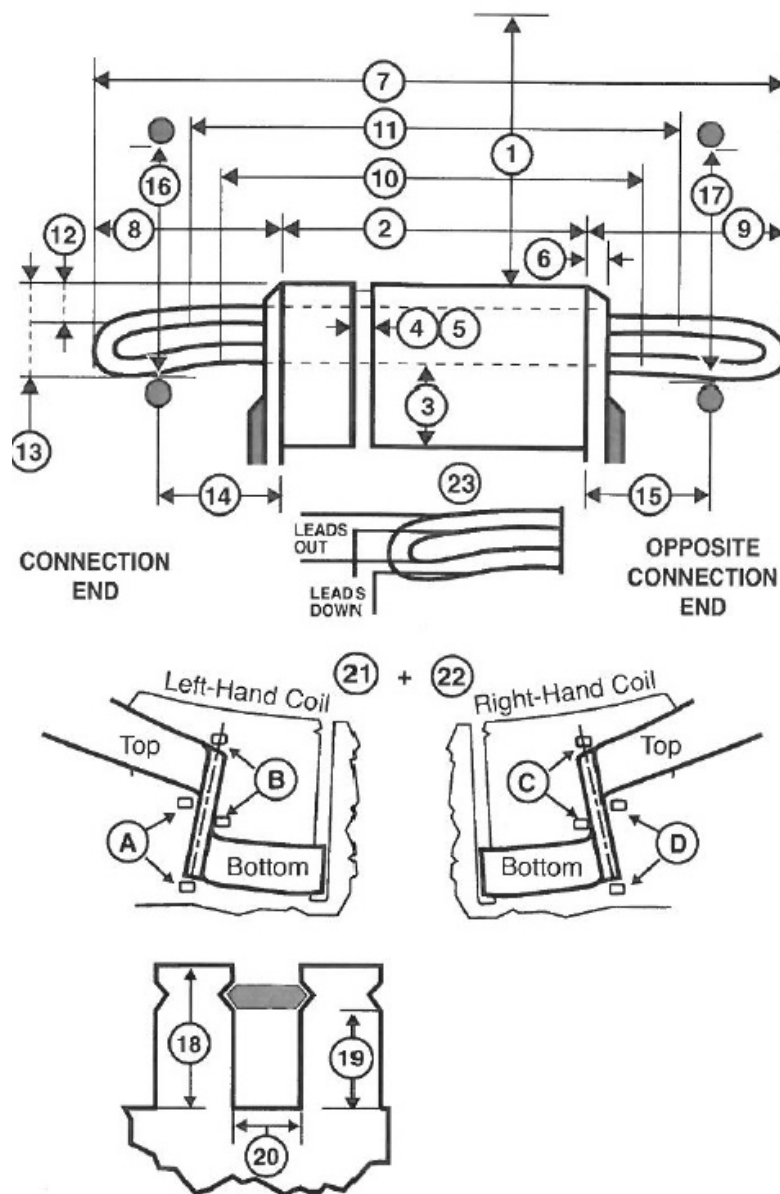
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## AC Stator Form Coil Data

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

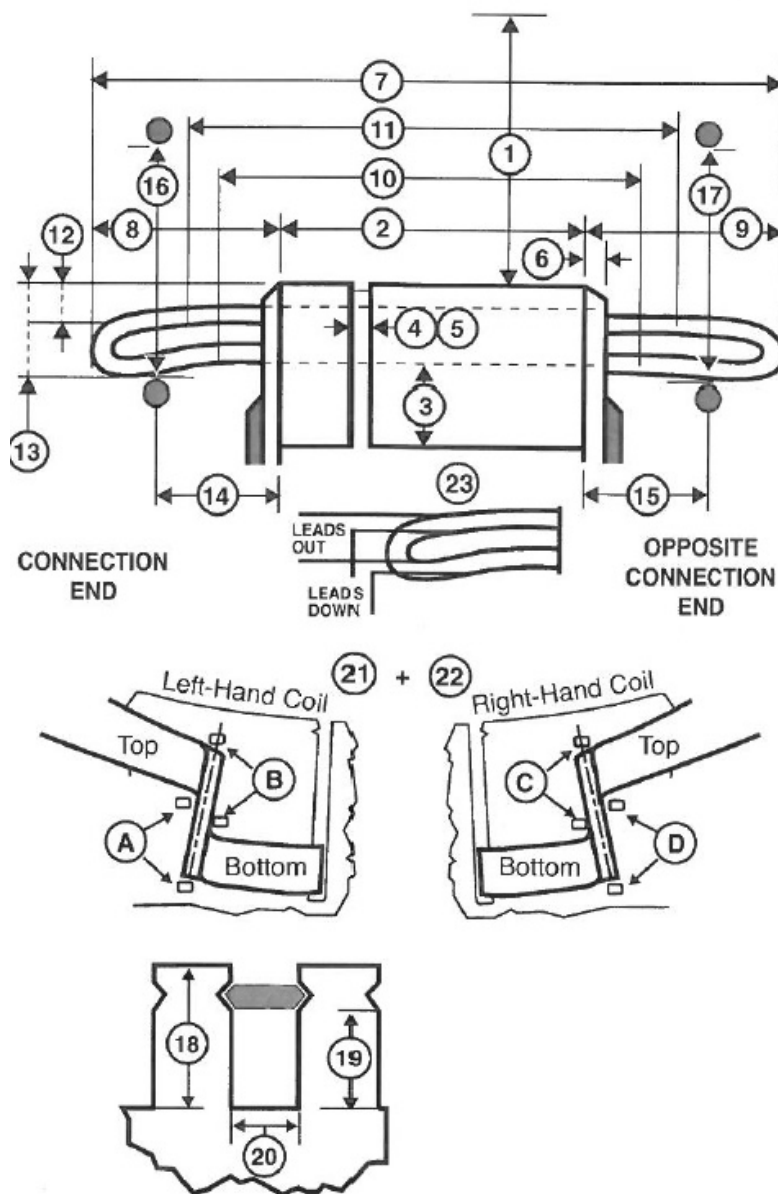
32. Strand insulation

☐ 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

