



MILLINGTON, TN

LITTLE ROCK, AR

## Job Information

Job #: 140493

Date: October 10, 2019

Priority: —

Authorized OT: No

Authorized by:

## Customer Information

Name: Riceland/HSLR

Motor#:

## Name Plate Information

Manufacturer: Baldor

Enclosure : Totally Enclosed  
Fan Cooled

Horsepower/kW: 150

Serial#:

Model#:

Service Factor:

Frame: 447T

Rated RPM: 1190

Rated Voltage: 460

Phase: 3

Rated Amps: 174

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



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	84.88	480	1.29	

## Conclusion

Service Tech name: Kelly Felts

Service Tech signature:

#### 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

# Polyphase AC Winding

Polyphase Date: October 10, 2019

Hp/kw: 150 RPM: 1190 Poles: Manufacturer: Baldor

Slots: 72 Type: Volts: 460

Coils: 72 Model: Amps: 174

18 Of 4

Grouping

Of

Serial#:

Phase: 3

Lead marking:

1,2,3 Hertz: 60

Turns/Coil: 5 Lead length: 20 C Rise: Frame: 447T

Wire Size 16 17 Lead size: 1 Duty: C AMB:

Wire Mult. 9 7 Num. Leads: 3 Eff.: Ins. Cls.:

Pitch 1 to: 12 ☐ DP ☒ TEFC ☐ XPRF ☐ TENV S.F.:

Connection: 2D

Jumper:

Core length: 16.00

Core ID: 13.00

Back iron: 1.062

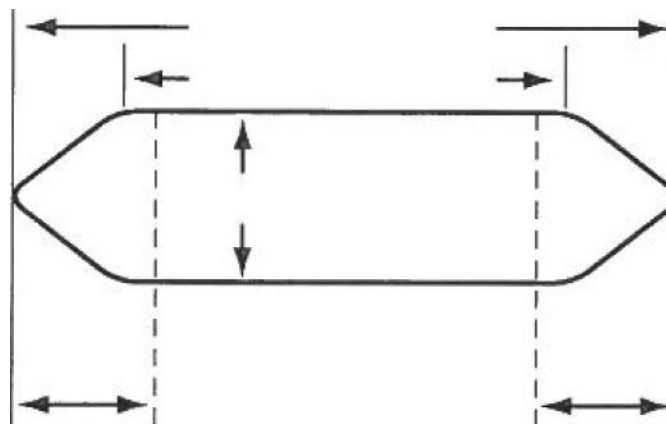
Slot depth: 1.687

Slot/tooth w: 0.281

Wire weight: 250

Vents: Size

COIL


☐ Left

Connection End  
(Facing Terminal Box)

☐ Right

Rotor bars:



MILLINGTON, TN

LITTLE ROCK, AR

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

Hp/kw: 150

RPM: 1190

Manufacturer: Baldor

Run

Start

Type:

Volts: 460

Model:

Amps: 174

Style:

Hertz:

Form:

Frame:

No. Slots

No. Poles

Coils/pole

Dwg No.

C Rise:

Hrs.:

Cap. Mfd.:

Wire Size

Serial#:

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: Riceland/HSLR

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

**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

## 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	<input type="checkbox"/>	<input type="checkbox"/>
-------------	--------------------------	--------------------------

Coil support ring steel	<input type="checkbox"/>	<input type="checkbox"/>
-------------------------	--------------------------	--------------------------

Terrace wound	<input type="checkbox"/>	<input type="checkbox"/>
---------------	--------------------------	--------------------------

Corona Protection	<input type="checkbox"/>	<input type="checkbox"/>
-------------------	--------------------------	--------------------------

RTDs	<input type="checkbox"/>	<input type="checkbox"/>
------	--------------------------	--------------------------

Ohms Qty		
----------	--	--

Hermetic	<input type="checkbox"/>	<input type="checkbox"/>
----------	--------------------------	--------------------------

Slot paper used	<input type="checkbox"/>	<input type="checkbox"/>
-----------------	--------------------------	--------------------------

Insulation class	<input type="checkbox"/> B	<input type="checkbox"/> F	<input type="checkbox"/> H
------------------	----------------------------	----------------------------	----------------------------

<input type="checkbox"/> VPI	<input type="checkbox"/> Dip & Bake	<input type="checkbox"/> Sealed
------------------------------	-------------------------------------	---------------------------------

<input type="checkbox"/> Leads taped	<input type="checkbox"/> Leads sleeved
--------------------------------------	--

Comments

