



MILLINGTON, TN

LITTLE ROCK, AR

## Job Information

Job #: 95813

Date: August 14, 2019

Priority: —

Authorized OT: No

Authorized by:

## Customer Information

Name: FlackeBoard

Motor#:

## Name Plate Information

Manufacturer:	Reliance	Enclosure :	Open Drop Proof (ODP)	Horsepower/kW:	150
Serial#:	PCP219	Model#:	2MAF25496-G2-VW	Service Factor:	1.15
Frame:	444T	Rated RPM:	1780	Rated Voltage:	460
Phase:	3	Rated Amps:	175	Cycles:	60

Special design: No

## AC Electrical Inspection

Megs after rewind:	Good	Surge after rewind:	Good	Hi-pot after rewind:	Good
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Core loss:	Good	Thermistors:	None	Thermostat:	None
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RTD:	None	ohms at	degrees C
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Motor Heater(s) Present:	Yes	Qty:	Voltage:	Wattage:
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**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  
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## AC Electrical Inspection (Continued)

### Core Test Data

	Flux	Watts	Watts loss per lb	Condition of iron
Before burnout				
After burnout	84.814	0.604	0.920	126

## Conclusion

Service Tech name: RHR

Service Tech signature:

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# Polyphase AC Winding

Polyphase Date: August 14, 2019

Hp/kw: 150 RPM: 1780 Poles: 4 Manufacturer: Reliance

Slots: 72 Type: P Volts: 460

Coils: 72 Model: 2MAF25496-G2-VW Amps: 175

Serial#: PCP219 Phase: 3

Lead marking: 1-1-2-2-3-3 Hertz: 60

12 Of 6  
Grouping  
Of

Turns/Coil: 677776 Lead length: 16 C Rise: Frame: 444T

Wire Size 16 17 Lead size: 4 Duty: C AMB:

Wire Mult. 5 3 Num.Leads: 6 Eff.: Ins.Cls.:

Pitch 1 to: 16 ☐ DP ☐ TEFC ☐ XPRF ☐ TENV S.F.: 1.15

Connection: 4Y

Jumper:

Core length: 6.875

Core ID: 13.0

Back iron: 1.625

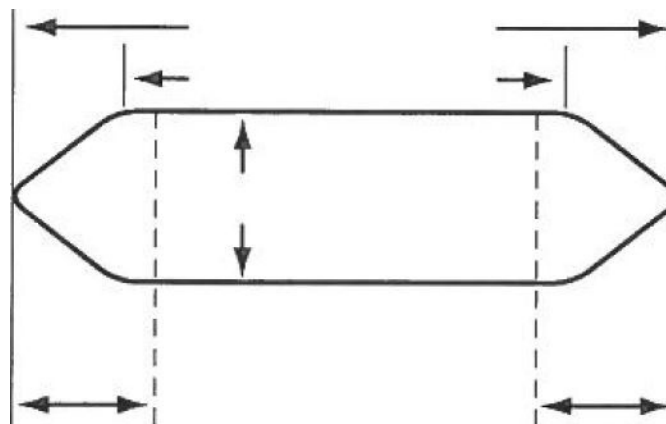
Slot depth: 1.25

Slot/tooth w: 0.284

Wire weight: 96

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: 150

RPM: 1780

Manufacturer: Reliance

Run

Start

Type:

Volts: 460

Model: 2MAF25496-G2-VW

Amps: 175

Style:

Hertz:

Form:

Frame:

No. Slots

No. Poles

Coils/pole

Dwg No.

C Rise:

Hrs.:

Cap. Mfd.:

Wire Size

Serial#: PCP219

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: FlackeBoard

(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

