



MILLINGTON, TN

LITTLE ROCK, AR

Job Information

Job #: 96242

Date: December 11, 2019

Priority: —

Authorized OT: No

Authorized by:

Customer Information

Name: AFT

Motor#:

Name Plate Information

Manufacturer: HOMA. pUMP

Enclosure : Open Drop Proof (ODP)

Horsepower/kW: 64KW

Serial#: 75435

Model#: AM30370G-C-6-3

Service Factor:

Frame:

Rated RPM: 1160

Rated Voltage: 460

Phase: 3

Rated Amps: 82

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)

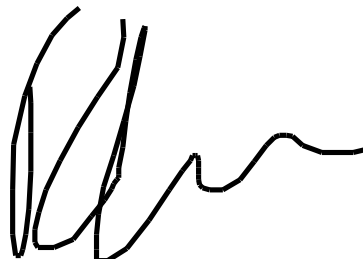


Core Test Data

	Flux	Watts	Watts loss per lb	Condition of iron
Before burnout	84.897	0.709	4.934	230
After burnout	85.338	0.754	3.372	254

Conclusion

Service Tech name: RHR

Service Tech signature:



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Polyphase AC Winding

Polyphase Date: December 11, 2019

Hp/kw: 64KW RPM: 1160 Poles: 6 Manufacturer: HOMA. pUMP

Slots: 54 Type: Volts: 460

Coils: 54 Model: AM30370G-C-6-3 Amps: 82

Grouping 18 Of 3 Serial#: 75435 Phase: 3

Lead marking: Hertz: 60

Turns/Coil: 8 Lead length: 2 C Rise: Frame:

Wire Size 18 19 Lead size: 4 Duty: C AMB:

Wire Mult. 1 4 Num.Leads: 3 Eff.: Ins.Cls.:

Pitch 1 to: 10 ☐ DP ☐ TEFC ☐ XPRF ☐ TENV S.F.:

Connection: 3Y

Jumper:

Core length: 11.25

Core ID: 7.75

Back iron: 0.875

Slot depth: 0.875

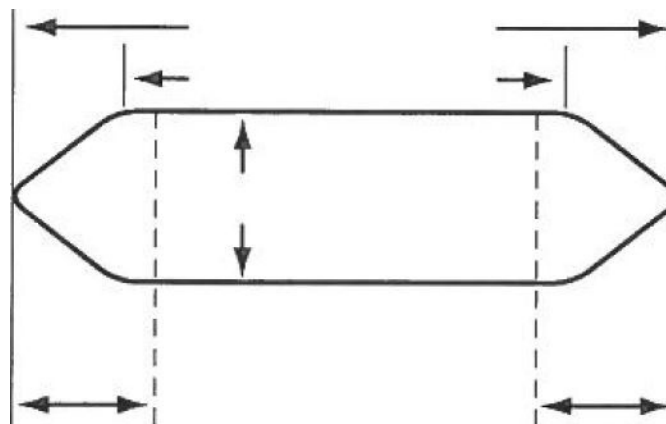
Slot/tooth w: 0.292

Wire weight: 30

Vents: Size

Rotor bars:

COIL


☒ Left

Connection End
(Facing Terminal Box)

☐ Right



MILLINGTON, TN

LITTLE ROCK, AR

Single Phase

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

Hp/kw: 64KW

RPM: 1160

Manufacturer: HOMA. pUMP

	Run	Start	Type:	Volts:	460
No. Slots			Model: AM30370G-C-6-3	Amps:	82
No. Poles			Style:	Hertz:	
Coils/pole			Form:	Frame:	
Dwg No.			C Rise:	Hrs.:	Cap. Mfd.:
Wire Size			Serial#: 75435		
Wires in par.			Duty: —	<input type="checkbox"/> BB	<input type="checkbox"/> 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: AFT

(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
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Data change	<input type="checkbox"/>	<input type="checkbox"/>
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Coil support ring steel	<input type="checkbox"/>	<input type="checkbox"/>
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Terrace wound	<input type="checkbox"/>	<input type="checkbox"/>
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Corona Protection	<input type="checkbox"/>	<input type="checkbox"/>
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RTDs	<input type="checkbox"/>	<input type="checkbox"/>
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Ohms Qty		
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Hermetic	<input type="checkbox"/>	<input type="checkbox"/>
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Slot paper used	<input type="checkbox"/>	<input type="checkbox"/>
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Insulation class	<input type="checkbox"/> B	<input type="checkbox"/> F	<input type="checkbox"/> H
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<input type="checkbox"/> VPI	<input type="checkbox"/> Dip & Bake	<input type="checkbox"/> Sealed
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<input type="checkbox"/> Leads taped	<input type="checkbox"/> Leads sleeved
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Comments

