



MILLINGTON, TN

LITTLE ROCK, AR

Job Information

Job #: 97004

Date: July 6, 2020

Priority: —

Authorized OT: No

Authorized by:

Customer Information

Name: Conway County Reg

Motor#:

Name Plate Information

Manufacturer:	US Pump	Enclosure :	Open Drop Proof (ODP)	Horsepower/kW:	350
Serial#:	Ho350V2SLH	Model#:	DS06	Service Factor:	1.15
Frame:	447TPA	Rated RPM:	1785	Rated Voltage:	460
Phase:	3	Rated Amps:	389.0	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
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	84.911	0.267	1.340	473
After burnout	85.008	0.223	0.985	417

Conclusion

Service Tech name: RHR

Service Tech signature:



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Polyphase AC Winding

Polyphase Date: July 6, 2020

Hp/kw:	350	RPM:	1785	Poles:	4	Manufacturer:	US Pump
Slots:	72	Type:	RUSI	Volts:	460		
Coils:	72	Model:	DS06	Amps:	389.0		
<div style="border: 1px solid black; padding: 5px; display: inline-block;"> 12 Of 6 Grouping Of </div>		Serial#:	Ho350V2SLH	Phase:	3		
		Lead marking:	1-12	Hertz:	60		

Turns/Coil:	878787	Lead length:	24	C Rise:		Frame:	447TPA
Wire Size	16 17	Lead size:	4	Duty:		C AMB:	
Wire Mult.	6 6	Num. Leads:	12	Eff.:		Ins. Cls.:	
Pitch 1 to:	16	<input checked="" type="checkbox"/> DP	<input type="checkbox"/> TEFC	<input type="checkbox"/> XPRF	<input type="checkbox"/> TENV	S.F.:	1.15

Connection: 4D

Jumper:

Core length: 16.25

Core ID: 12.375

Back iron: 1.25

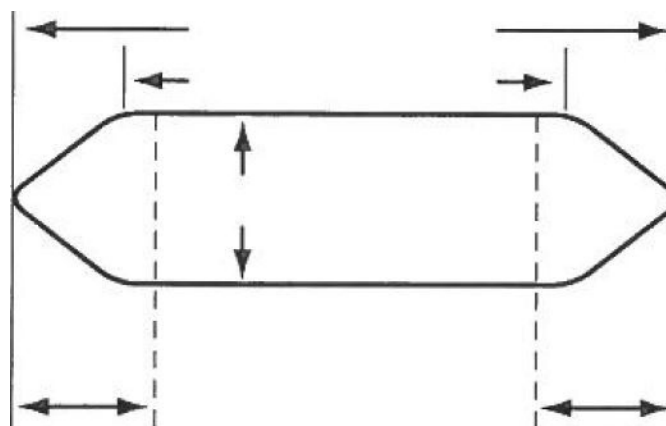
Slot depth: 1.625

Slot/tooth w: 0.260

Wire weight: 245

Vents: Size

COIL


Connection End
(Facing Terminal Box)

☒ Left

☐ Right

Rotor bars:



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Single Phase

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

Hp/kw: 350

RPM: 1785

Manufacturer: US Pump

Run

Start

Type:

Volts: 460

Model: DS06

Amps: 389.0

Style:

Hertz:

Form:

Frame:

Coils/pole

Dwg No.

C Rise:

Hrs.:

Cap. Mfd.:

Wire Size

Serial#: Ho350V2SLH

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: Conway County Reg

(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

