



MILLINGTON, TN

LITTLE ROCK, AR

Job Information

Job #: 137526

Date: July 6, 2018

Priority: —

Authorized OT: No

Authorized by:

Customer Information

Name: CHEMOURS

Motor#:

Name Plate Information

Manufacturer:	US	Enclosure :	Open Drop Proof (ODP)	Horsepower/kW:	150
Serial#:	H0150P2SLG	Model#:	FE02	Service Factor:	
Frame:	H444TP	Rated RPM:	1780	Rated Voltage:	460
Phase:	3	Rated Amps:	164	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	85.18	450	1.43	

Conclusion

Service Tech name: Josh

Service Tech signature:

WEST TENNESSEE
7030 Ryburn Drive
Millington, TN 38053
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Fax 901-873-5301

CENTRAL ARKANSAS
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Polyphase AC Winding

First Speed

Polyphase Date:

Hp/kw: 150 RPM: 1780

Manufacturer: US

Slots: 72 Poles:

Type:

Volts: 460

Coils: 72

Model: FE02

Amps: 164

Grouping **12** Of **6**
 Of

Serial#: H0150P2SLG

Phase: 3

Lead marking:

Hertz:

Turns/Coil: 10

Lead length: 2 C Rise: Frame:

Wire Size 17 16

Lead size: 4 Duty: C AMB:

Wire Mult. 6 2

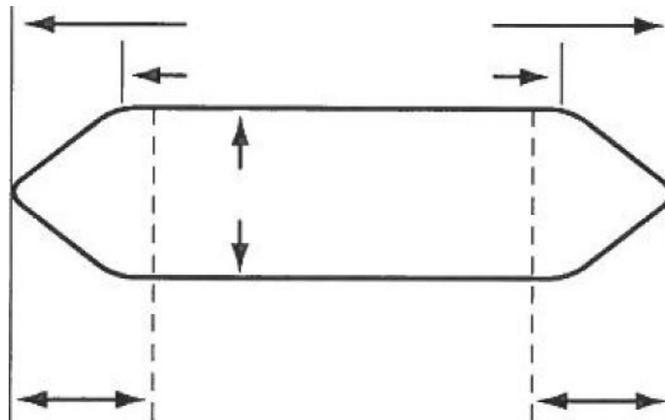
Num. Leads: 6 Eff.: Ins. Cls.:

Pitch 1 to: 17

DP TEFC XPRF TENV S.F.:

Connection: 4D. PWS

COIL



Jumper:

Core length: 14.25

Core ID: 11

Back iron: 1.25

Slot depth: 1.5

Slot/tooth w: 0.25

Wire weight: 210

Left

Connection End
(Facing Terminal Box)

Right

Slot: 17.6

Tip: 2.2

Pitch: 9



MILLINGTON, TN

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Single Phase

Split Phase
 Capacitor: Start Start & Run Perm. Split

Hp/kw: 150 RPM: 1780 Manufacturer: US

	Run	Start	Type:	Volts: 460	
No. Slots			Model: FE02	Amps: 164	
No. Poles			Style:	Hertz:	
Coils/pole			Form:	Frame:	
Dwg No.			C Rise:	Hrs.:	Cap. Mfd.:
Wire Size			Serial#: H0150P2SLG		
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: CHEMOURS

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

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

OCE

13. Large knuckle drop. CE

OCE

14. Conn. Support Ring from core

15. Opp. Conn. Supp. Ring from core

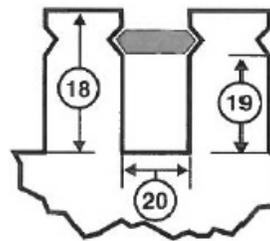
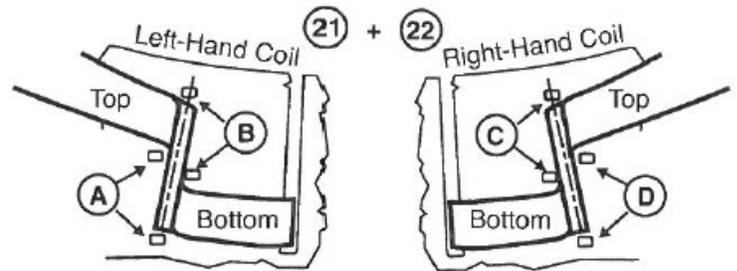
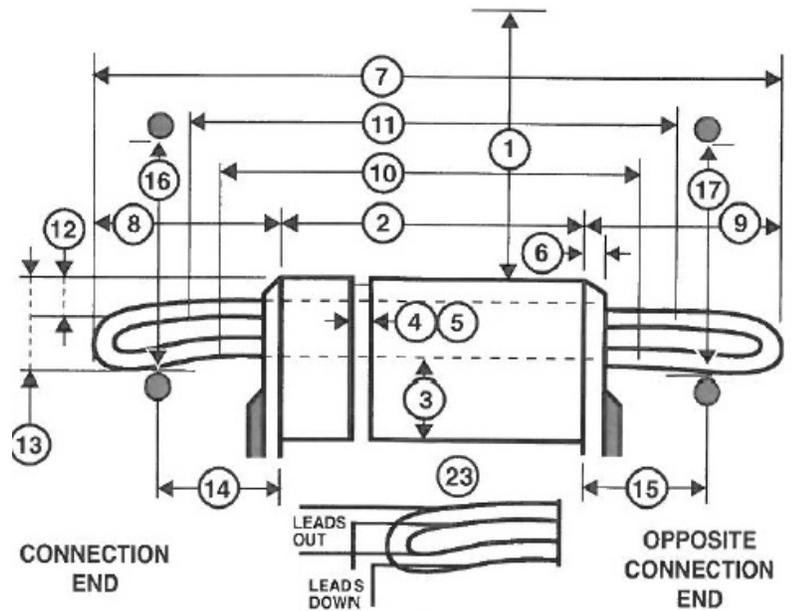
16. Connection support ring ID

17. Opp. Conn. Supp. Ring ID

18. Total slot depth

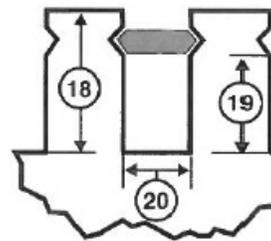
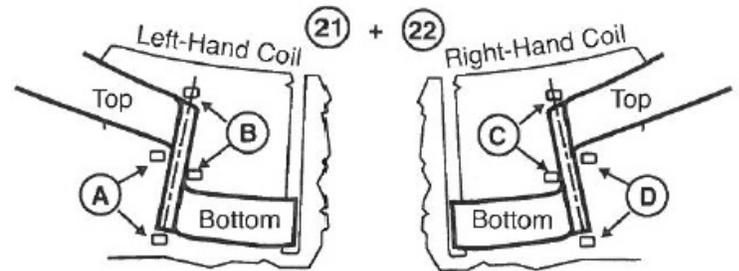
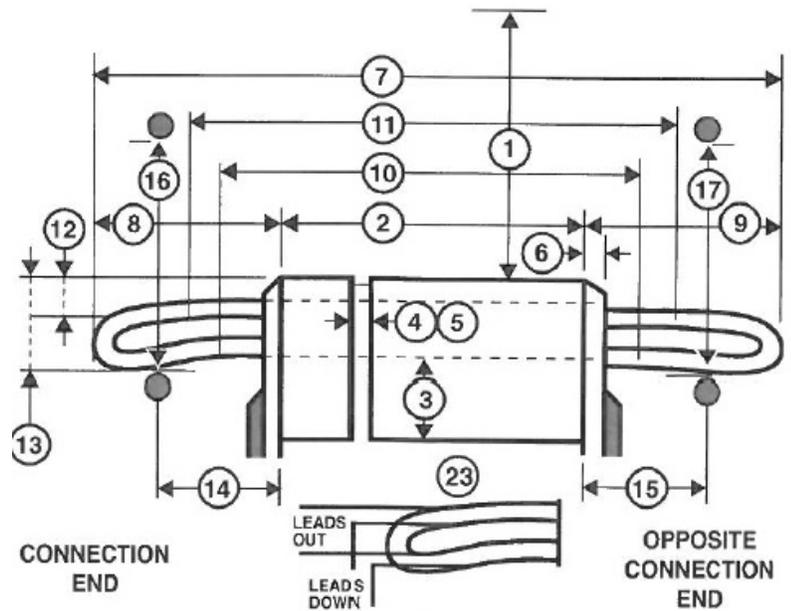
19. Slot depth under wedge

20. Slot width



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

