



MILLINGTON, TN

LITTLE ROCK, AR

Job Information

Job #: 140206

Date: August 22, 2019

Priority: —

Authorized OT: No

Authorized by:

Customer Information

Name: USG

Motor#: 140206

Name Plate Information

Manufacturer:	Siemens	Enclosure :	Totally Enclosed Fan Cooled	Horsepower/kW:	100
Serial#:	C02T0623TE9	Model#:		Service Factor:	1.15
Frame:	405T	Rated RPM:	1780	Rated Voltage:	460
Phase:	3	Rated Amps:	113	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:	No	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



MILLINGTON, TN

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AC Electrical Inspection (Continued)

Core Test Data

	Flux	Watts	Watts loss per lb	Condition of iron
Before burnout				
After burnout	84.61	380	1.74	7

Conclusion

Service Tech name: Shawn

Service Tech signature:

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Polyphase AC Winding

First Speed

Polyphase Date:

Hp/kw: 100 RPM: 1780

Manufacturer: Siemens

Slots: 48 Poles: 4

Type:

R6ZESD Volts: 460

Coils: 48

Model:

Amps: 113

12 Of 4

Serial#: C02T0623TE9

Phase: 3

Grouping

Of

Lead marking:

123 Hertz: 60

Turns/Coil: 9

Lead length: 21 C Rise: Frame: 405T

Wire Size 16 18

Lead size: 4 Duty: Cont C AMB: 40

Wire Mult. 5 2

Num. Leads: 3 Eff.: Ins. Cls.: F

Pitch 1 to: 11

☐ DP ☒ TEFC ☐ XPRF ☐ TENV S.F.: 1.15

Connection: 2D

Jumper: 4

Core length: 12.00

Core ID: 10.437

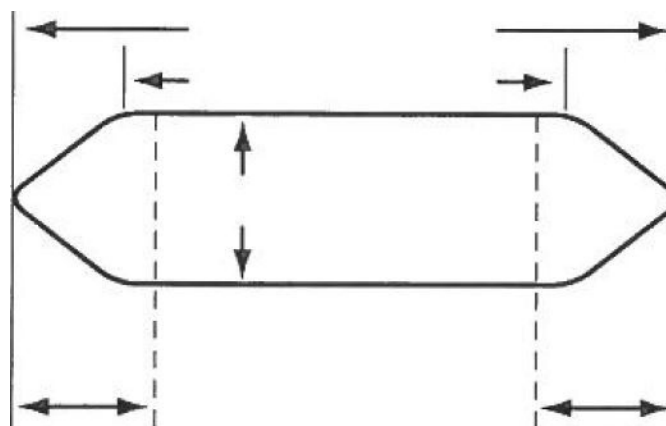
Back iron: 1.187

Slot depth: 1.25

Slot/tooth w: 0.312

Wire weight: 100

COIL


☐ Left

Connection End
(Facing Terminal Box)

☐ Right

Slot:

Tip:

Pitch:



MILLINGTON, TN

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Single Phase

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

Hp/kw: 100

RPM: 1780

Manufacturer: Siemens

	Run	Start	Type:	Volts:	460
No. Slots			Model:	Amps:	113
No. Poles			Style:	Hertz:	
Coils/pole			Form:	Frame:	
Dwg No.			C Rise:	Hrs.:	Cap. Mfd.:
Wire Size			Serial#:	C02T0623TE9	
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: USG

(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

