



MILLINGTON, TN

LITTLE ROCK, AR

Job Information

Job #: 94778

Date: October 8, 2018

Priority: —

Authorized OT: No

Authorized by:

Customer Information

Name: ST Gobain

Motor#:

Name Plate Information

Manufacturer:	WEG	Enclosure :	Open Drop Proof (ODP)	Horsepower/kW:	400
Serial#:	02DEZ111014223406	Model#:	40018ET3C449-W22	Service Factor:	1.15
Frame:	L447/9T	Rated RPM:	1790	Rated Voltage:	460
Phase:	3	Rated Amps:	455	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

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AC Electrical Inspection (Continued)

Core Test Data

	Flux	Watts	Watts loss per lb	Condition of iron
Before burnout				
After burnout				

Conclusion

Service Tech name: RHR

Service Tech signature:

WEST TENNESSEE

7030 Ryburn Drive
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Polyphase AC Winding

Polyphase Date: October 8, 2018

Hp/kw: 400 RPM: 1790 Poles: Manufacturer: WEG

Slots: 72 Type: Volts: 460

Coils: 72 Model: 40018ET3C449-W22 Amps: 455

Serial#: 02DEZ111014223406 Phase: 3

Lead marking: 1-12 Hertz: 60

12 Of 6
Grouping
Of

Turns/Coil: 454545 Lead length: 36 C Rise: Frame: L447/9T

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

Wire Mult. 8 5 Num.Leads: 12 Eff.: Ins.Cls.:

Pitch 1 to: 14 ☐ DP ☒ TEFC ☐ XPRF ☐ TENV S.F.: 1.15

Connection: 2&4CIR

Jumper:

Core length: 20.625

Core ID: 13.75

Back iron: 2.0

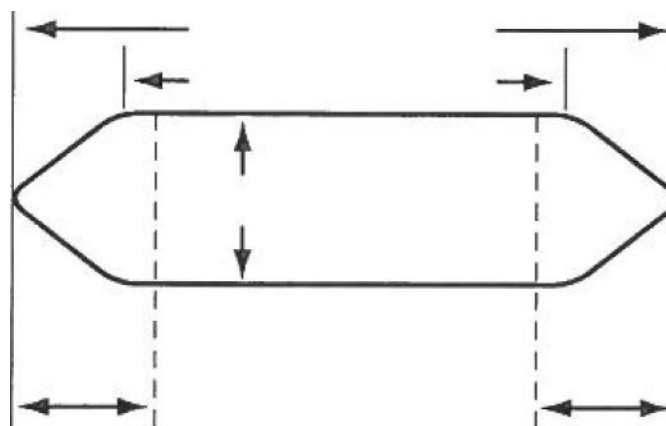
Slot depth: 1.5

Slot/tooth w: 0.284

Wire weight: 190

Vents: Size

COIL


Connection End
(Facing Terminal Box)

☒ Left

☐ Right



MILLINGTON, TN

LITTLE ROCK, AR

Single Phase

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

Hp/kw: 400

RPM: 1790

Manufacturer: WEG

Run

Start

Type:

Volts: 460

Model: 40018ET3C449-W22

Amps: 455

Style:

Hertz:

Form:

Frame:

No. Slots

No. Poles

Coils/pole

Dwg No.

C Rise:

Hrs.:

Cap. Mfd.:

Wire Size

Serial#: 02DEZ111014223406

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: ST Gobain

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

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7030 Ryburn Drive
Millington, TN 38053
Phone 901-873-5300
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CENTRAL ARKANSAS

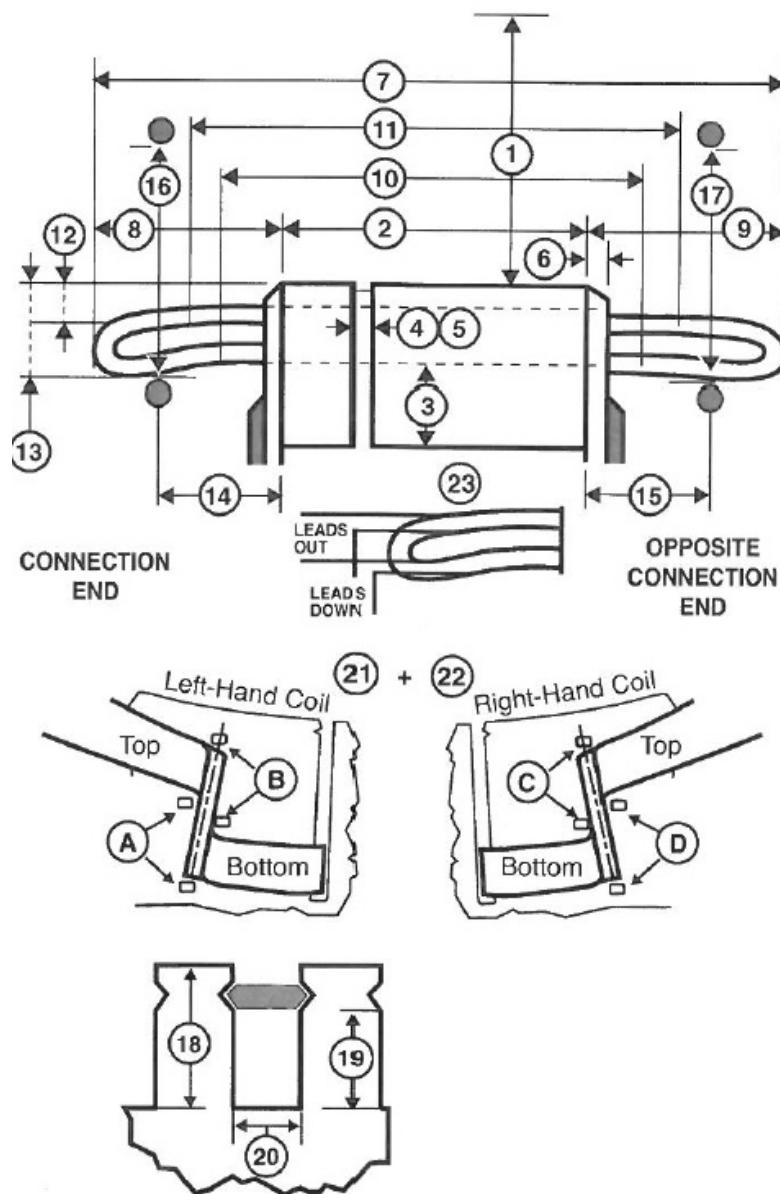
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AC Stator Form Coil Data

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
