



MILLINGTON, TN

LITTLE ROCK, AR

Job Information

Job #: 139826

Date: June 10, 2019

Priority: —

Authorized OT: No

Authorized by:

Customer Information

Name: KTG

Motor#: 139826

Name Plate Information

Manufacturer: GE

Enclosure : Weather Protected
I (WPI)

Horsepower/kW: 400

Serial#:

Model#:

Service Factor:

Frame:

Rated RPM: 720

Rated Voltage: 2300

Phase: 3

Rated Amps:

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: No

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				
After burnout	85.16	730	1.27	9

Conclusion

Service Tech name: Shawn

Service Tech signature:

WEST TENNESSEE

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Polyphase AC Winding

First Speed

Polyphase Date:

Hp/kw: 400 RPM: 720

Manufacturer: GE

Slots: 84 Poles:

Type:

Volts: 2300

Coils: 84

Model:

Amps:

Grouping 24 Of 3

Serial#:

Phase: 3

6 Of 2

Lead marking:

123 Hertz: 60

Turns/Coil: 10

Lead length: 24 C Rise: Frame:

Wire Size

Lead size: Duty: C AMB:

Wire Mult. 1

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

Pitch 1 to: 9

☐ DP ☐ TEFC ☐ XPRF ☐ TENV S.F.:

Connection: 1D

Jumper: 4

Core length: 13.5

Core ID: 23.0

Back iron: 0.562

Slot depth:

Slot/tooth w:

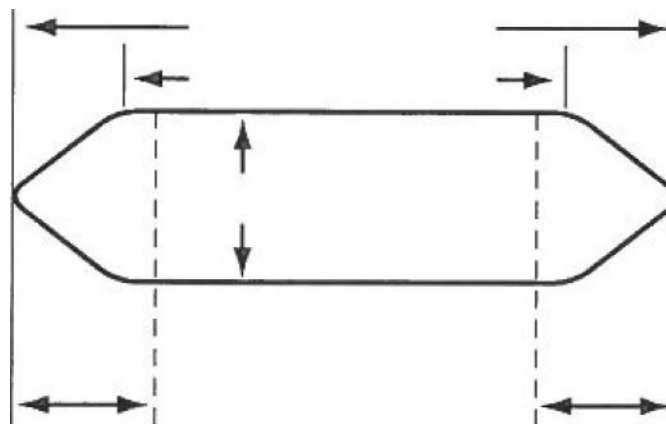
Wire weight:

Slot:

Tip:

Pitch:

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: 400

RPM: 720

Manufacturer: GE

Run

Start

Type:

Volts: 2300

Model:

Amps:

Style:

Hertz:

Form:

Frame:

No. Slots

No. Poles

Coils/pole

Dwg No.

C Rise:

Hrs.:

Cap. Mfd.:

Wire Size

Serial#:

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 ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

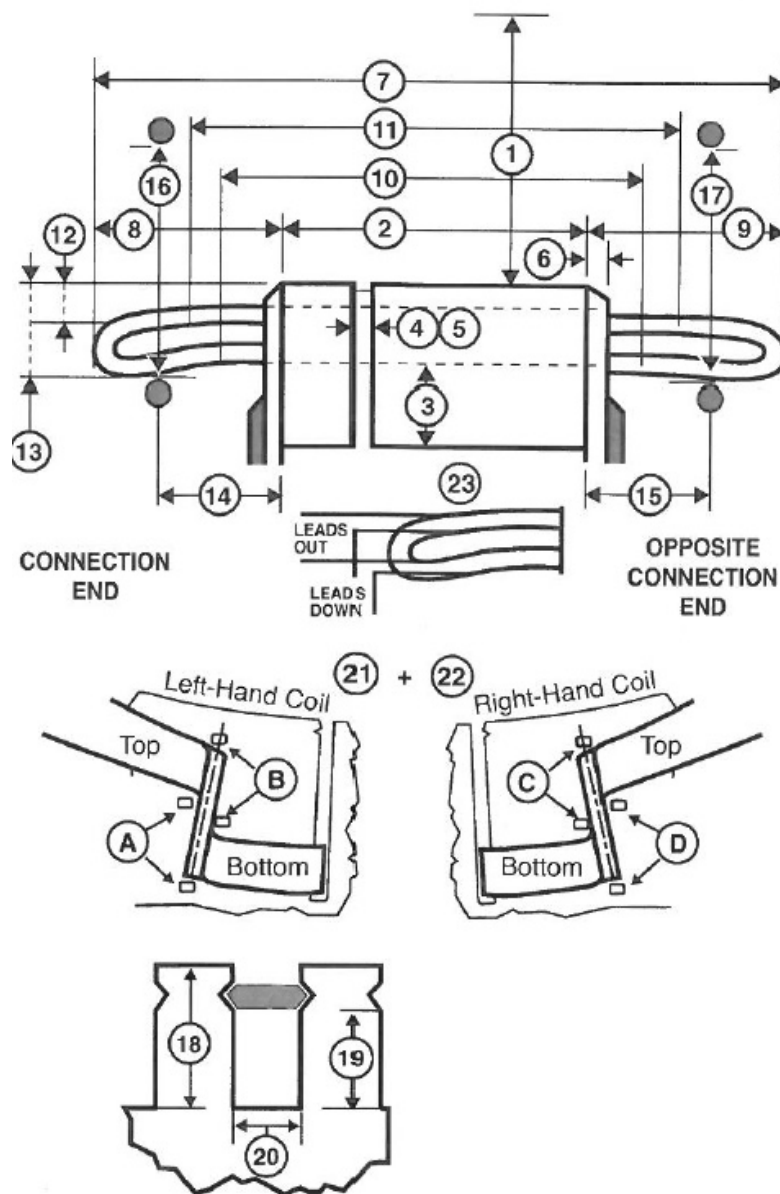
Customer: KTG

(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	23.0
2. Total core length	13.5
3. Back iron	0.562
4. No. of vents	4
5. Width of vents	0.37
6. Finger plate width	0.531
7. Overall coil length	26.625
8. Connection end extension	6.0
9. Opposite Conn. End Ext.	6.0
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	1.937
19. Slot depth under wedge	1.875
20. Slot width	0.43



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 DELTA

26. No. of circuits 1

27. No. of slots 84

28. Coil throw 1-9

29. Turns per coil 10

30. Total wires in parallel 1

31. Bare wire sizes (0.061) x 0.281

() x

32. Strand insulation

☒ Film ☐ Glass ☐ Mica ☐ Bare ☐ Other

33. Coil weight 3.6 Lbs.

34. 24 Groups of 3 Coils

6 Groups of 2 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

Wire size is .061x.281

