



MILLINGTON, TN

LITTLE ROCK, AR

Job Information

Job #: 141917

Date: April 21, 2020

Priority: —

Authorized OT: No

Authorized by:

Customer Information

Name: KTG

Motor#:

Name Plate Information

Manufacturer: Teco

Enclosure : Totally Enclosed
Fan Cooled

Horsepower/kW: 400

Serial#: YCAC17A509-1

Model#:

Service Factor:

Frame: 5011C

Rated RPM: 1184

Rated Voltage: 2300/4160

Phase: 3

Rated Amps: 96.1/53.1

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: In use

ohms at

degrees C

Motor Heater(s) Present: Yes

Qty: 2

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	84.49	1130	1.29	5

Conclusion

Service Tech name: Shawn

Service Tech signature:

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MILLINGTON, TN

LITTLE ROCK, AR

Polyphase AC Winding

Polyphase Date: April 21, 2020

Hp/kw: 400

RPM: 1184

Poles:

6 Manufacturer: Teco

Slots:

Type:

Volts: 2300/4160

Coils:

Model:

Amps: 96.1/53.1

Grouping

Of

Of

Serial#: YCAC17A509-1

Phase: 3

Lead marking:

1-6 Hertz:

60

Turns/Coil:

Lead length:

C Rise:

Frame:

Wire Size

Lead size:

Duty:

C AMB:

Wire Mult.

Num. Leads:

Eff.:

Ins. Cls.:

Pitch 1 to:

☐ DP☐ TEFC☐ XPRF☐ TENV

S.F.:

Connection:

Jumper:

Core length:

Core ID:

Back iron:

Slot depth:

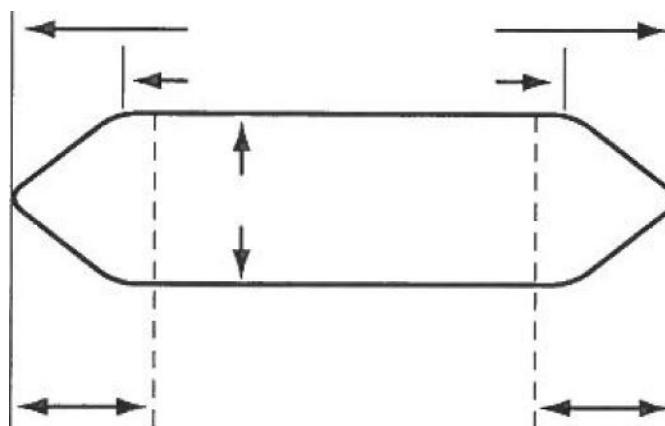
Slot/tooth w:

Wire weight:

Vents:

Size

COIL

☐ LeftConnection End
(Facing Terminal Box)☐ Right**WEST TENNESSEE**

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MILLINGTON, TN

LITTLE ROCK, AR

Single Phase

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

Hp/kw: 400

RPM: 1184

Manufacturer: Teco

Run

Start

Type:

Volts: 2300/4160

Model:

Amps: 96.1/53.1

Style:

Hertz:

Form:

Frame:

No. Slots

No. Poles

Coils/pole

Dwg No.

C Rise:

Hrs.:

Cap. Mfd.:

Wire Size

Serial#: YCAC17A509-1

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

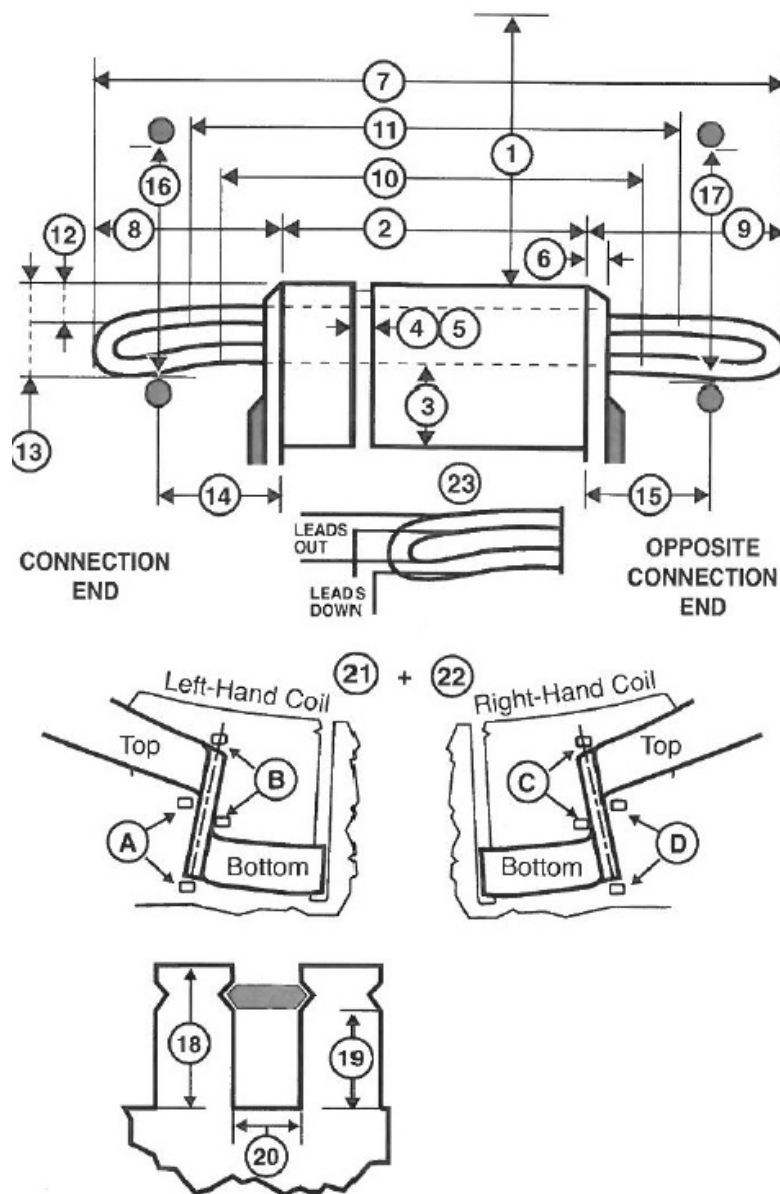
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AC Stator Form Coil Data

1. Core bore diameter	14.500
2. Total core length	24.250
3. Back iron	1.375
4. No. of vents	0
5. Width of vents	
6. Finger plate width	
7. Overall coil length	36.000
8. Connection end extension	7.000
9. Opposite Conn. End Ext.	6.000
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	0
15. Opp. Conn. Supp. Ring from core	0
16. Connection support ring ID	0
17. Opp. Conn. Supp. Ring ID	0
18. Total slot depth	2.120
19. Slot depth under wedge	1.910
20. Slot width	0.455



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 1-4

25. Connection WYE

26. No. of circuits 1

27. No. of slots 54

28. Coil throw 1-8

29. Turns per coil 9

30. Total wires in parallel 2

31. Bare wire sizes (0.08) x 0.180
0
() x

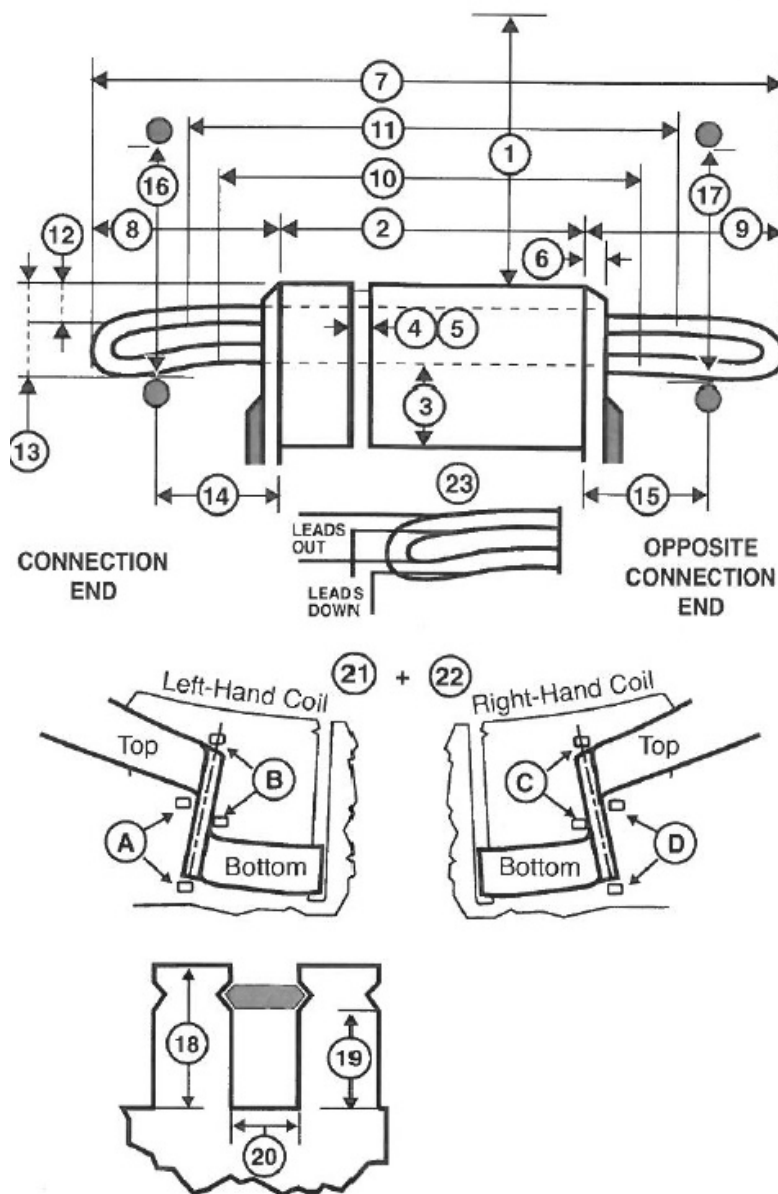
32. Strand insulation

☒ Film ☐ Glass ☐ Mica ☐ Bare ☐ Other

33. Coil weight 6.6 Lbs.

34. 18 Groups of 3 Coils

Groups of Coils

35. Iron skewed ☐ Right ☐ Left in


AC Stator Form Coil Data (Continued)

Special Features	Yes	No
Data change	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Coil support ring steel	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Terrace wound	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Corona Protection	<input type="checkbox"/>	<input checked="" type="checkbox"/>
RTDs	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ohms 100 Qty 7		
Hermetic	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Slot paper used	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Insulation class	<input type="checkbox"/> B <input type="checkbox"/> F <input type="checkbox"/> H	
<input checked="" type="checkbox"/> VPI	<input type="checkbox"/> Dip & Bake	<input type="checkbox"/> Sealed
<input type="checkbox"/> Leads taped	<input type="checkbox"/> Leads sleeved	

Comments

