Job Information

Job #:	141090			Date:	November 7, 2019
Priority:	—	Authorized OT:	No	Authorized by:	

Customer Information

Name:	KTG	Motor#:	303

Name Plate Information

Manufacturer:	GE	Enclosure :	Open Drop Proof (ODP)	Horsepower/kW:	250
Serial#:	168920	Model#:		Service Factor:	1.15
Frame:	509LL	Rated RPM:	1195	Rated Voltage:	2300
Phase:	3	Rated Amps:	57	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:

AC Electrical Inspection (Continued)

Core Test Data

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

Conclusion

Service Tech name: Kelly Felts

Service Tech signature: Kelly Felts

Polyphase AC Winding

Polyphase Date: November 7, 2019

Hp/kw:	250	RPM:	1195	Poles:	6	Manufacturer:	GE
Slots:		Type:				Volts:	2300
Coils:		Model:				Amps:	57
Grouping	Of / Of	Serial#:	168920			Phase:	3
		Lead marking:			1,1,2,2,3,3	Hertz:	60
Turns/Coil:		Lead length:	23	C Rise:		Frame:	509LL
Wire Size		Lead size:	4	Duty:		C AMB:	
Wire Mult.		Num.Leads:	6	Eff.:		Ins.Cls.:	F
Pitch 1 to:		☑ DP	☐ TEFC	☐ XPRF	☐ TENV	S.F.:	1.15

Connection:

Jumper:

Core length:

Core ID:

Back iron:

Slot depth:

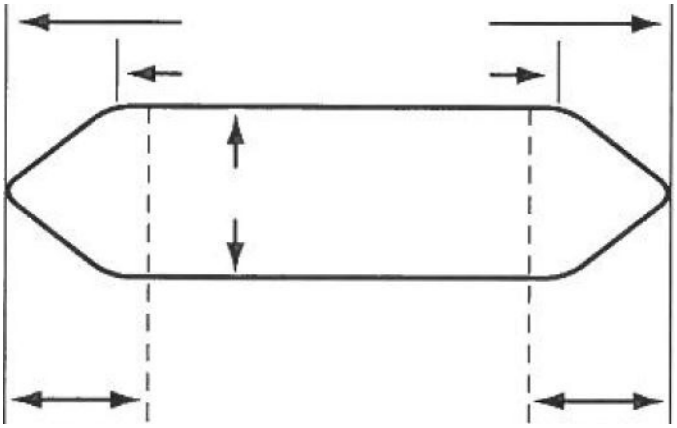
Slot/tooth w:

Wire weight:

Vents: Size

Rotor bars:

COIL



Connection End
(Facing Terminal Box)

☐ Left ☐ Right

EASA
The Electro•Mechanical Authority

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

Single Phase

Split Phase ☐

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

Hp/kw: 250 RPM: 1195 Manufacturer: GE

	Run	Start
No. Slots		
No. Poles		
Coils/pole		
Dwg No.		
Wire Size		
Wires in par.		
No. Circuits		
Coil Ext.		
Stator Bore		

Type: Volts: 2300

Model: Amps: 57

Style: Hertz:

Form: Frame:

C Rise: Hrs.: Cap. Mfd.:

Serial#: 168920

Duty: — ☐ BB ☐ SB

Open: —

Sta.length: Sta.b.i.:

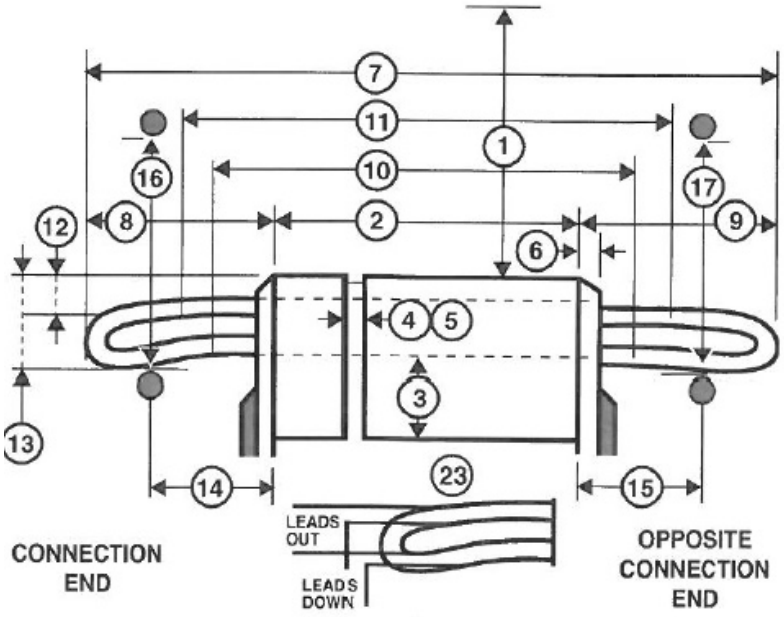
Running	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Slot No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Starting	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

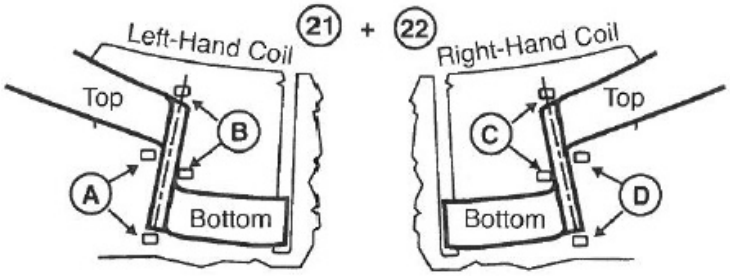
Customer: KTG

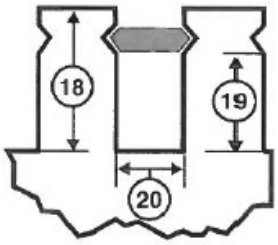
(Please return a copy to EASA Headquarters, 1331 Baur Blvd., St. Louis, MO 63132)

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. Connnection 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







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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

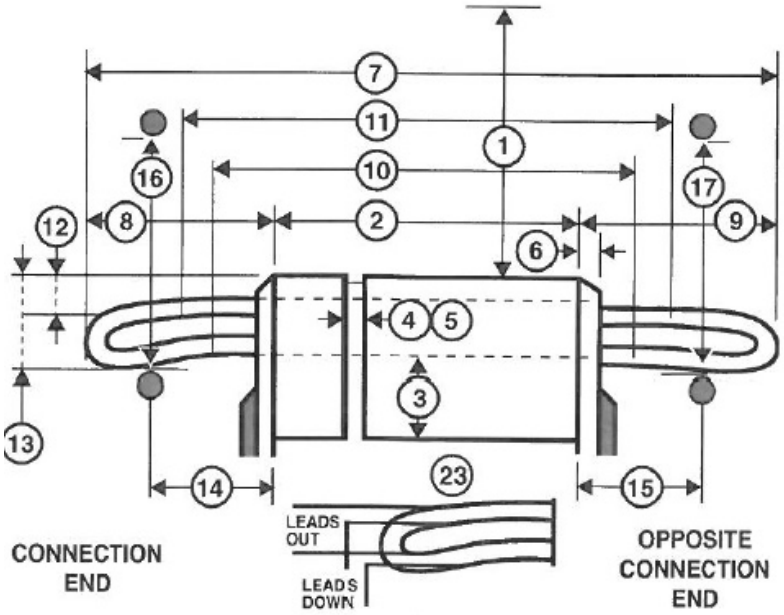
☐ Film ☐ Glass ☐ Mica ☐ Bare ☐ Other

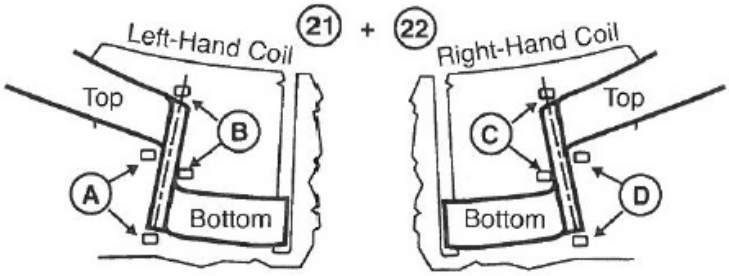
33. Coil weight Lbs.

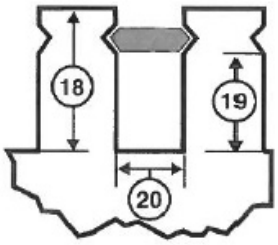
34. Groups of Coils

Groups of Coils

35. Iron skewed ☐ Right ☐ Left in







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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	☐	☐

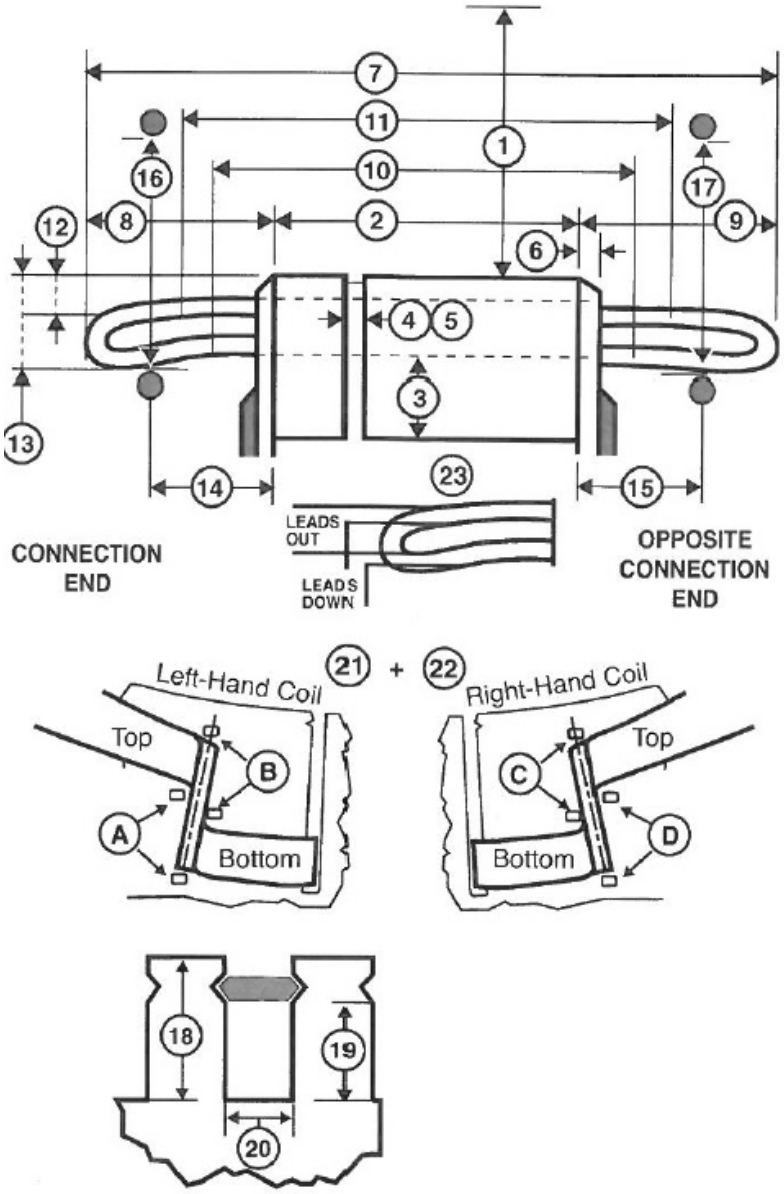
Insulation class ☐ B ☑ F ☐ H

☐ VPI ☑ Dip & Bake ☐ Sealed

☐ Leads taped ☐ Leads sleeved

Comments

#4 7500 volt lead cable, used 33’



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