Job Information

Job #: 139016 Date: May 3, 2019

Priority: — Authorized OT: No Authorized by:

Customer Information

Name: KTG Motor#:

Name Plate Information

Manufacturer:	GE	Enclosure :	Totally Enclosed Fan Cooled	Horsepower/kW:	125
Serial#:		Model#:		Service Factor:	
Frame:	445T	Rated RPM:	1190	Rated Voltage:	460
Phase:	3	Rated Amps:	139	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:

AC Electrical Inspection (Continued)

Core Test Data

	Flux	Watts	Watts loss per lb	Condition of iron
Before burnout				
After burnout	84.82	24	82	

Conclusion

Service Tech name: KELLY FELTS

Service Tech signature: Kelly Felts

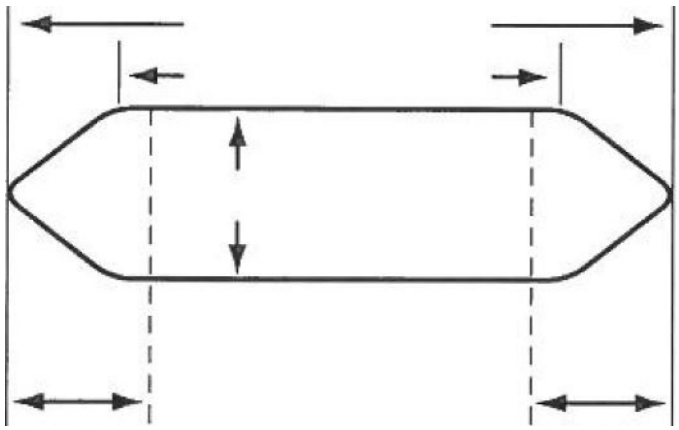
Polyphase AC Winding

First Speed

Polyphase Date: May 3, 2019

Hp/kw:	125	RPM:	1190			Manufacturer:	GE
Slots:	72	Poles:		Type:		Volts:	460
Coils:	72			Model:		Amps:	139
Grouping	18 Of 4 Of			Serial#:		Phase:	3
				Lead marking:	1,2,3,4,5,6	Hertz:	60
Turns/Coil:	9			Lead length:	2	C Rise:	
Wire Size	16	17		Lead size:	4	Duty:	
Wire Mult.	3	2		Num.Leads:	6	Eff.:	
Pitch 1 to:	11			☐ DP ☑ TEFC ☐ XPRF ☐ TENV		S.F.:	
Connection:	3Y/3D						
Jumper:							
Core length:	13.250						
Core ID:	13.875						
Back iron:	1.125						
Slot depth:	1.125						
Slot/tooth w:	0.31						
Wire weight:	140						
Slot:	15.6						
Tip:	2.0						
Pitch:	7.0						

COIL



Connection End
(Facing Terminal Box)

☐ Left ☐ Right

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Single Phase

Split Phase ☐

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

Hp/kw: 125 RPM: 1190 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: 460

Model: Amps: 139

Style: Hertz:

Form: Frame:

C Rise: Hrs.: Cap. Mfd.:

Serial#:

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

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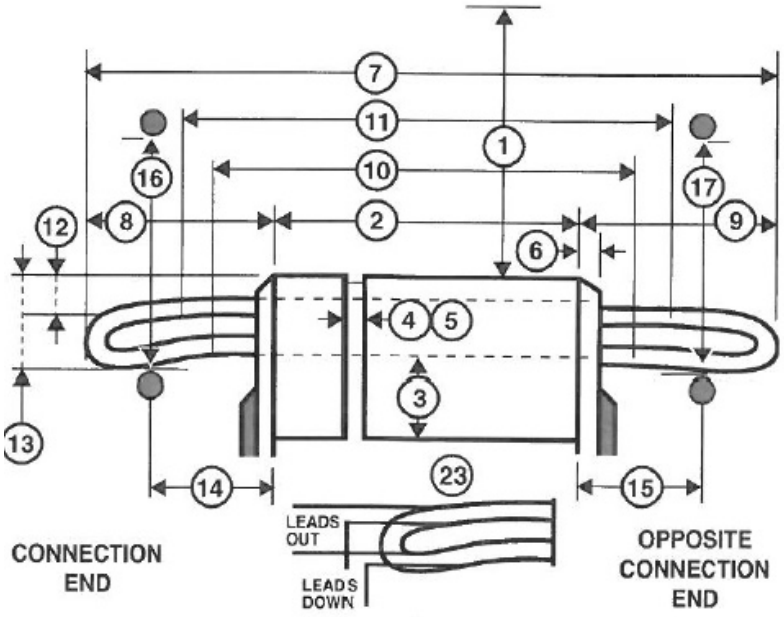
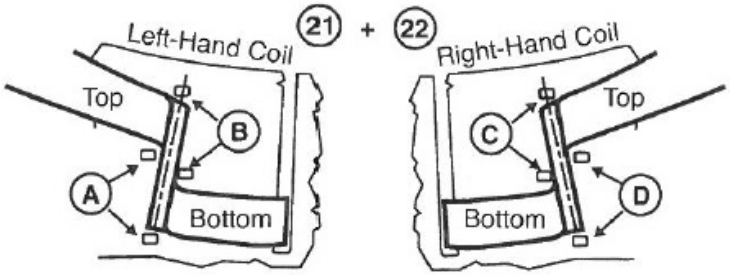
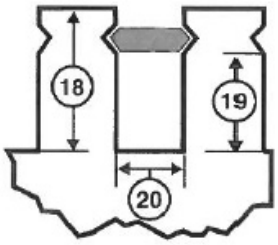
AC Stator Form Coil Data

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. 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

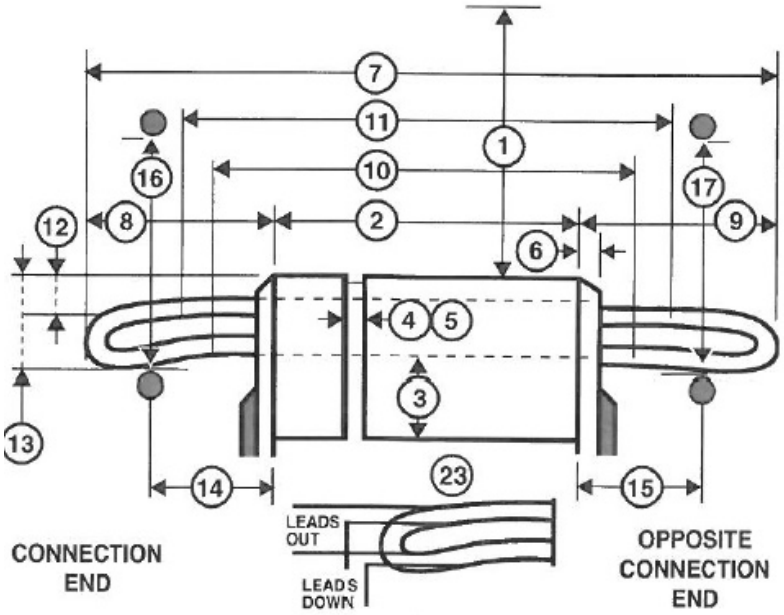
☐ Film ☐ Glass ☐ Mica ☐ Bare ☐ Other

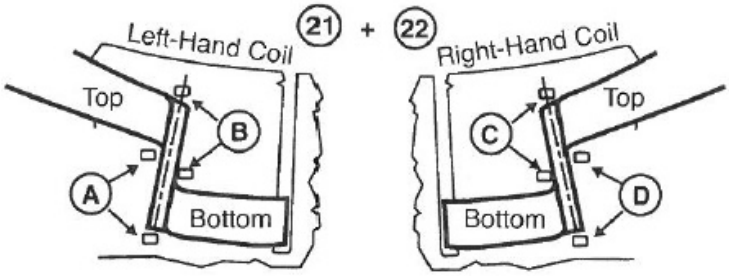
33. Coil weight Lbs.

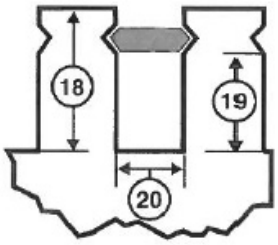
34. Groups of Coils

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

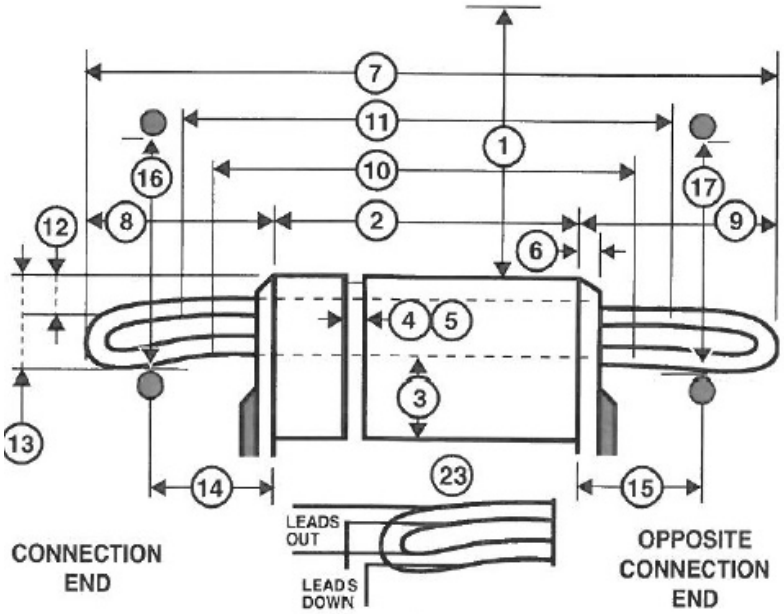
Hermetic	☐	☐
Slot paper used	☐	☐

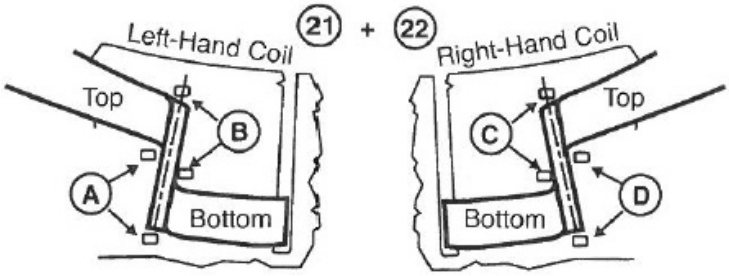
Insulation class ☐ B ☐ F ☐ H

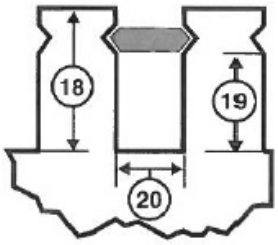
☐ VPI ☐ Dip & Bake ☐ Sealed

☐ Leads taped ☐ Leads sleeved

Comments







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