Job Information

Job #: 136114 Date: June 8, 2018

Priority: — Authorized OT: No Authorized by:

Customer Information

Name: KTG Motor#:

Name Plate Information

Manufacturer:	ABB	Enclosure :	Open Drop Proof (ODP)	Horsepower/kW:	86KW
Serial#:		Model#:		Service Factor:	
Frame:	315ML	Rated RPM:	592	Rated Voltage:	460
Phase:	3	Rated Amps:	153	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	85.19	830	1.69	

Conclusion

Service Tech name: Josh

Service Tech signature:

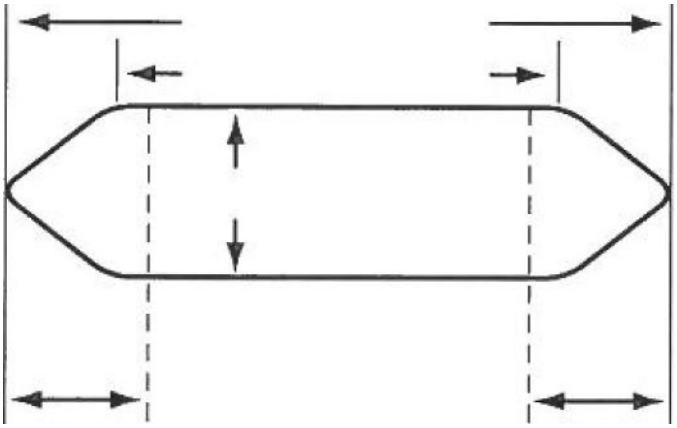
Polyphase AC Winding

First Speed

Polyphase Date:

Hp/kw:	86KW	RPM:	592			Manufacturer:	ABB
Slots:	108	Poles:	12	Type:		Volts:	460
Coils:	108			Model:		Amps:	153
Grouping	36 Of 3 Of			Serial#:		Phase:	3
				Lead marking:		Hertz:	
Turns/Coil:		6		Lead length:	C Rise:	Frame:	
Wire Size	17	18		Lead size:	Duty:	C AMB:	
Wire Mult.	6	1		Num.Leads:	Eff.:	Ins.Cls.:	
Pitch 1 to:		8		☐ DP ☐ TEFC ☐ XPRF ☐ TENV		S.F.:	
Connection:		3D					
Jumper:							
Core length:		16.125					
Core ID:		14.875					
Back iron:		1.375					
Slot depth:		1.375					
Slot/tooth w:		0.250					
Wire weight:		165					
Slot:							
Tip:							
Pitch:							

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
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Single Phase

Split Phase ☐

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

Hp/kw: 86KW RPM: 592 Manufacturer: ABB

	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: 153

Style: Hertz:

Form: Frame:

C Rise: Hrs.: Cap. Mfd.:

Serial#:

Duty: — ☐ BB ☐ SB

Open: —

Sta.length: Sta.b.i.:

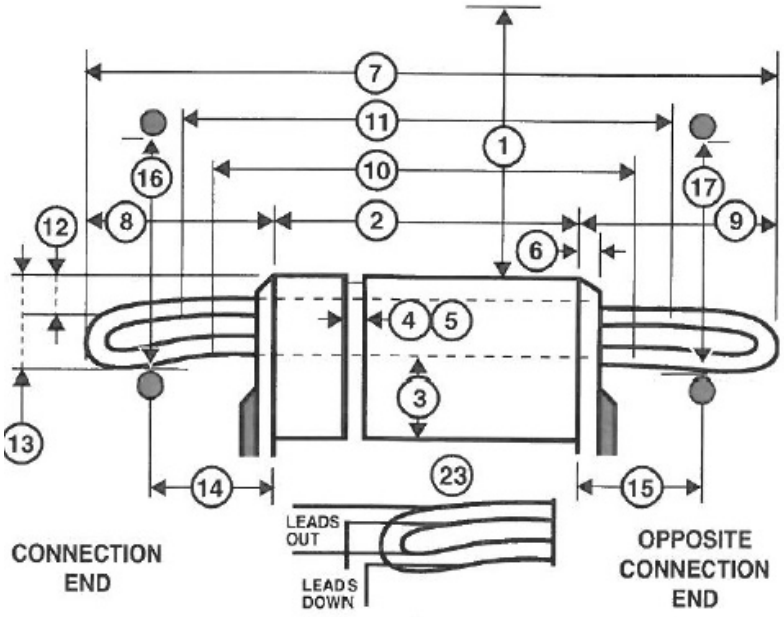
Running	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Slot No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Starting	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

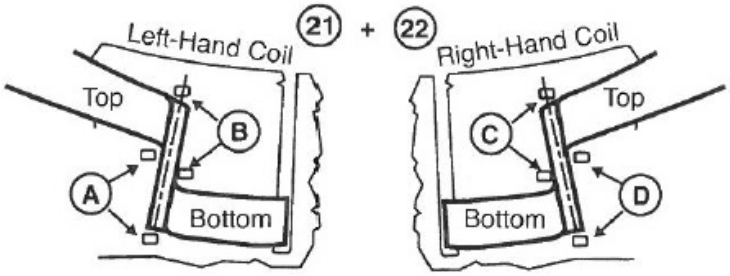
Customer: KTG

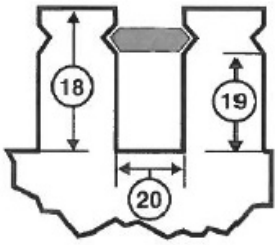
(Please return a copy to EASA Headquarters, 1331 Baur Blvd., St. Louis, MO 63132)

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

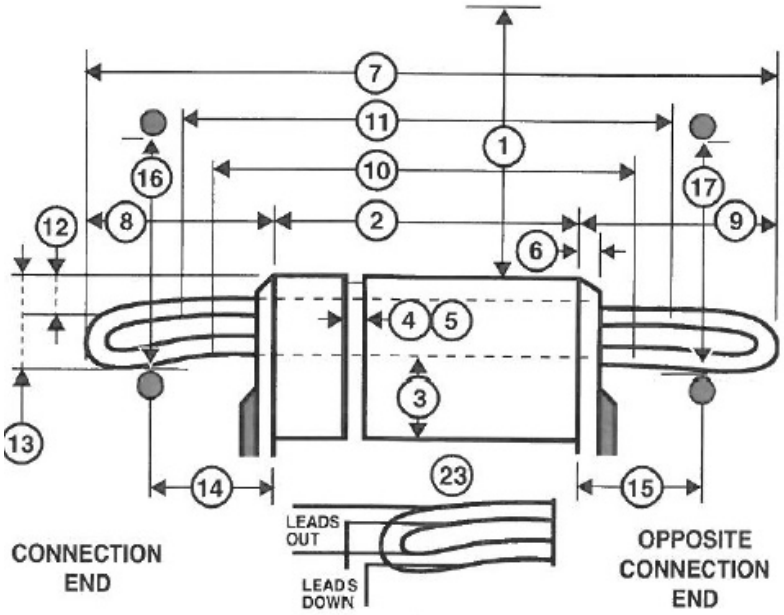
☐ Film ☐ Glass ☐ Mica ☐ Bare ☐ Other

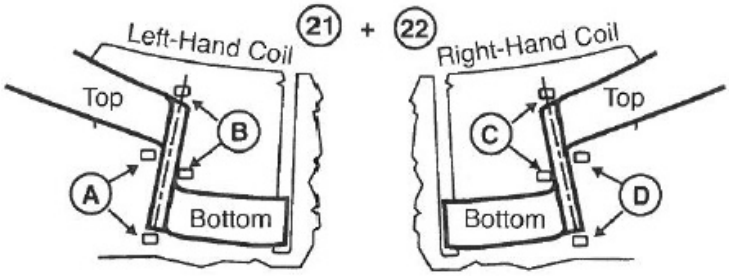
33. Coil weight Lbs.

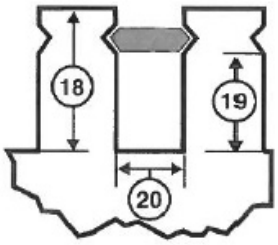
34. Groups of Coils

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

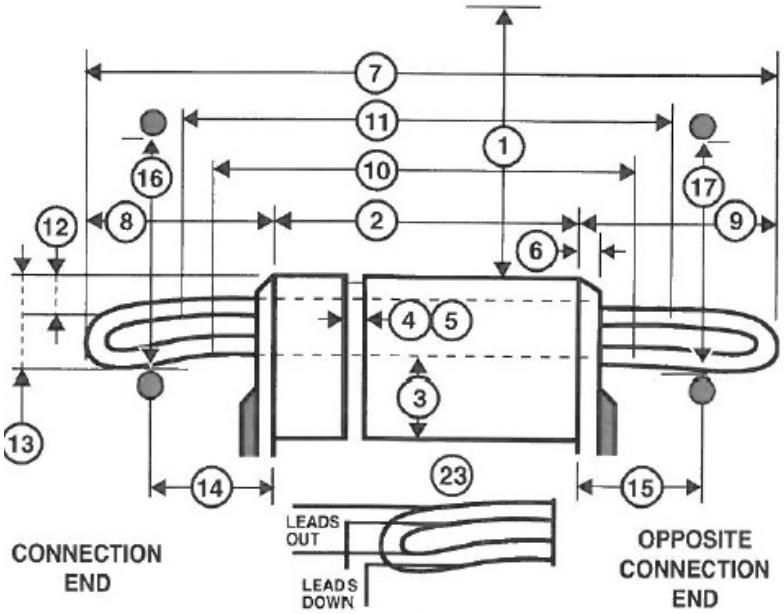
Hermetic	☐	☐
Slot paper used	☐	☐

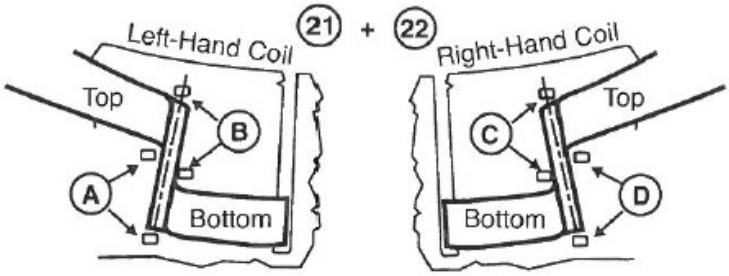
Insulation class ☐ B ☐ F ☐ H

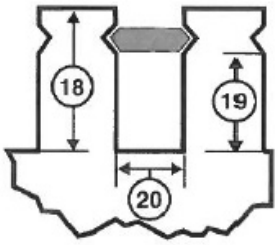
☐ VPI ☐ Dip & Bake ☐ Sealed

☐ Leads taped ☐ Leads sleeved

Comments







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