Job Information

Job #:	137219			Date:	
Priority:	1A Rush/OT	Authorized OT:	Yes	Authorized by:	

Customer Information

Name:	United solutions	Motor#:	

Name Plate Information

Manufacturer:	G E	Enclosure :	Open Drop Proof (ODP)	Horsepower/kW:	250
Serial#:	OWG41566B	Model#:	5KS408SLW223DM	Service Factor:	1.15
Frame:	408TCZ	Rated RPM:	1780	Rated Voltage:	460
Phase:	3	Rated Amps:	282	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:

Service Tech signature:

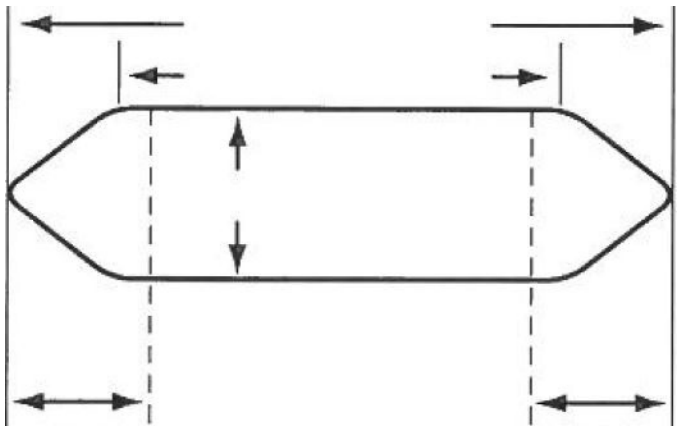
Polyphase AC Winding

First Speed

Polyphase Date:

Hp/kw:	250	RPM:	1780			Manufacturer:	G E
Slots:	72	Poles:	4	Type:		Volts:	460
Coils:	72			Model:	5KS408SLW223DM	Amps:	282
Grouping	12 Of 6 Of			Serial#:	OWG41566B	Phase:	3
				Lead marking:		1-6 Hertz:	
Turns/Coil:	3			Lead length:	2	C Rise:	Frame:
Wire Size	16			Lead size:	2	Duty:	C AMB:
Wire Mult.	12			Num.Leads:	6	Eff.:	Ins.Cls.:
Pitch 1 to:	17			☐ DP ☑ TEFC ☐ XPRF ☐ TENV			S.F.:
Connection:	2Y2D						
Jumper:	14						
Core length:	17.125						
Core ID:	11.5						
Back iron:	0.250						
Slot depth:	1.250						
Slot/tooth w:	0.250						
Wire weight:	120						
Slot:	19.4						
Tip:	2.6						
Pitch:	9.0						

COIL



Connection End
(Facing Terminal Box)

☐ Left ☐ Right

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Single Phase

Split Phase ☐

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

Hp/kw: 250 RPM: 1780 Manufacturer: G E

	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: 5KS408SLW223DM Amps: 282

Style: Hertz:

Form: Frame:

C Rise: Hrs.: Cap. Mfd.:

Serial#: OWG41566B

Duty: — ☐ BB ☐ SB

Open: —

Sta.length: Sta.b.i.:

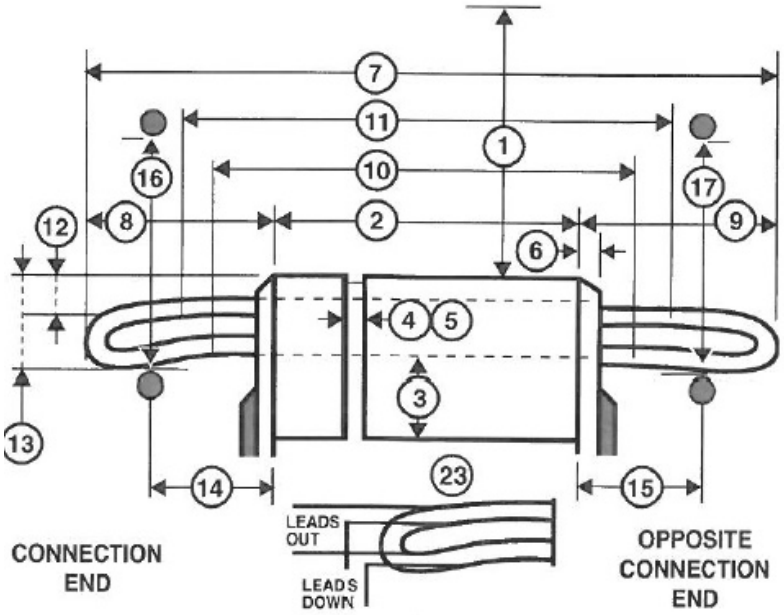
Running	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Slot No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Starting	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

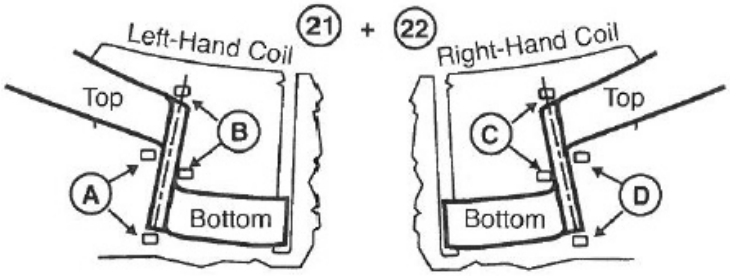
Customer: United solutions

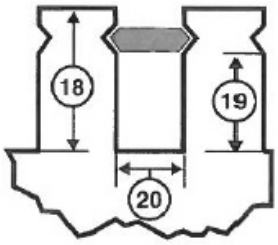
(Please return a copy to EASA Headquarters, 1331 Baur Blvd., St. Louis, MO 63132)

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

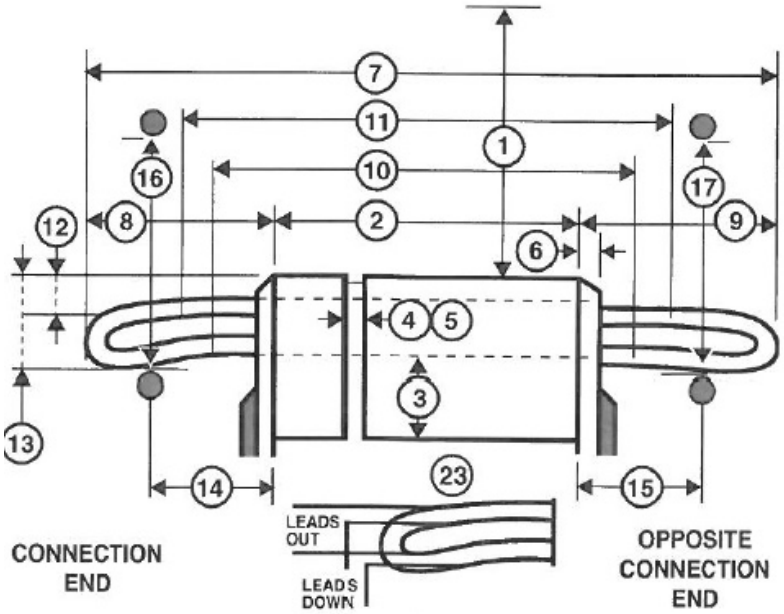
☐ Film ☐ Glass ☐ Mica ☐ Bare ☐ Other

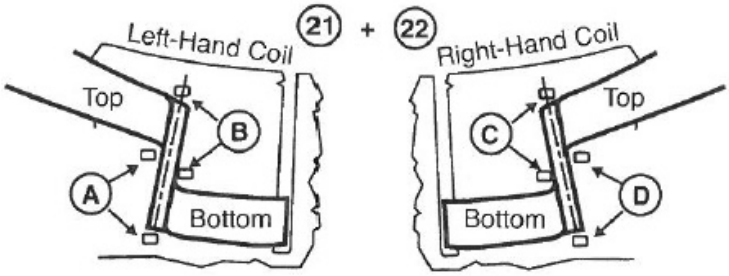
33. Coil weight Lbs.

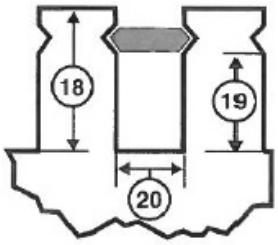
34. Groups of Coils

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

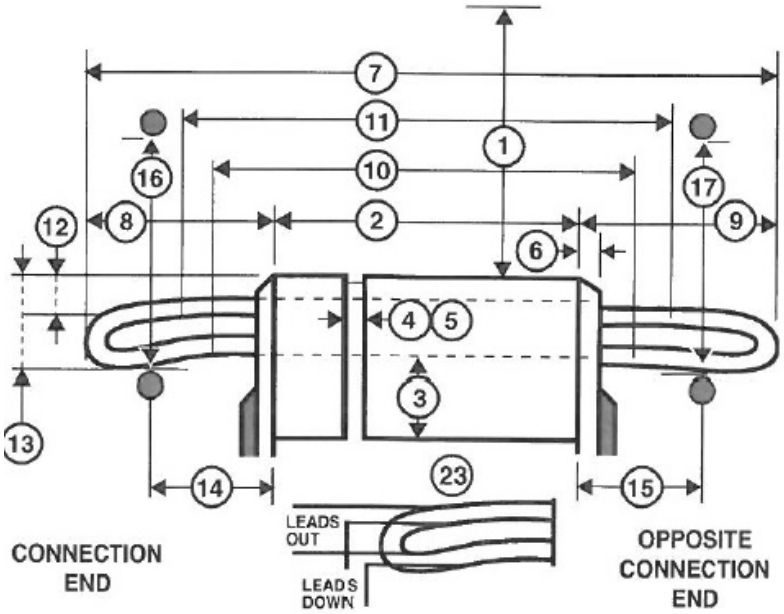
Hermetic	☐	☐
Slot paper used	☐	☐

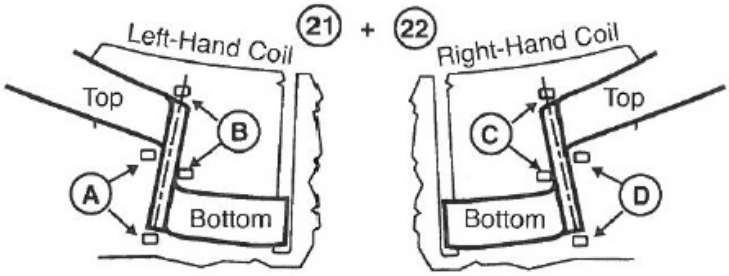
Insulation class ☐ B ☐ F ☐ H

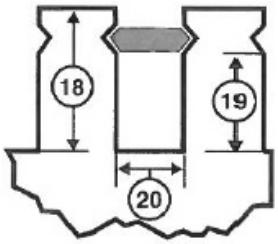
☐ VPI ☐ Dip & Bake ☐ Sealed

☐ Leads taped ☐ Leads sleeved

Comments







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