Job Information

Job #: 93720 Date: January 9, 2018

Priority: — Authorized OT: No Authorized by:

Customer Information

Name: Flackboard Motor#:

Name Plate Information

Manufacturer:	Reliance	Enclosure :	Open Drop Proof (ODP)	Horsepower/kW:	100
Serial#:	2X321086A1-GU	Model#:	NA	Service Factor:	
Frame:	404TS	Rated RPM:	1770	Rated Voltage:	230/460
Phase:	3	Rated Amps:	240/120	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: RHR

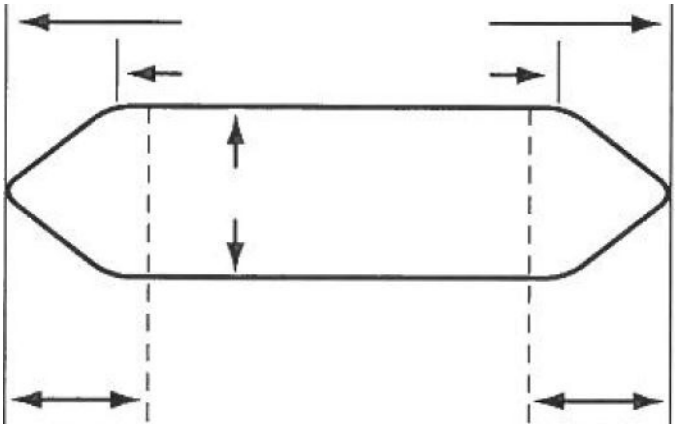
Service Tech signature:

Polyphase AC Winding

Polyphase Date:

Hp/kw:	100	RPM:	1770	Poles:	4	Manufacturer:	Reliance
Slots:	60			Type:		Volts:	230/460
Coils:	60			Model:	NA	Amps:	240/120
Grouping	12 Of 5 Of			Serial#:	2X321086A1-GU	Phase:	3
				Lead marking:		Hertz:	60
Turns/Coil:	11			Lead length:	1	C Rise:	
Wire Size	16 17			Lead size:	2	Duty:	
Wire Mult.	2 2			Num.Leads:	3	Eff.:	
Pitch 1 to:	13					Ins.Cls.:	
Connection:	2D			☐ DP ☐ TEFC ☐ XPRF ☐ TENV		S.F.:	1.15
Jumper:	14					Frame:	404TS
Core length:	4.875					C AMB:	
Core ID:	11.5						
Back iron:	1.625						
Slot depth:	1.062						
Slot/tooth w:	0.334						
Wire weight:	60						
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: 100 RPM: 1770 Manufacturer: Reliance

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

Type: Volts: 230/460

Model: NA Amps: 240/120

Style: Hertz:

Form: Frame:

C Rise: Hrs.: Cap. Mfd.:

Serial#: 2X321086A1-GU

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: Flackboard

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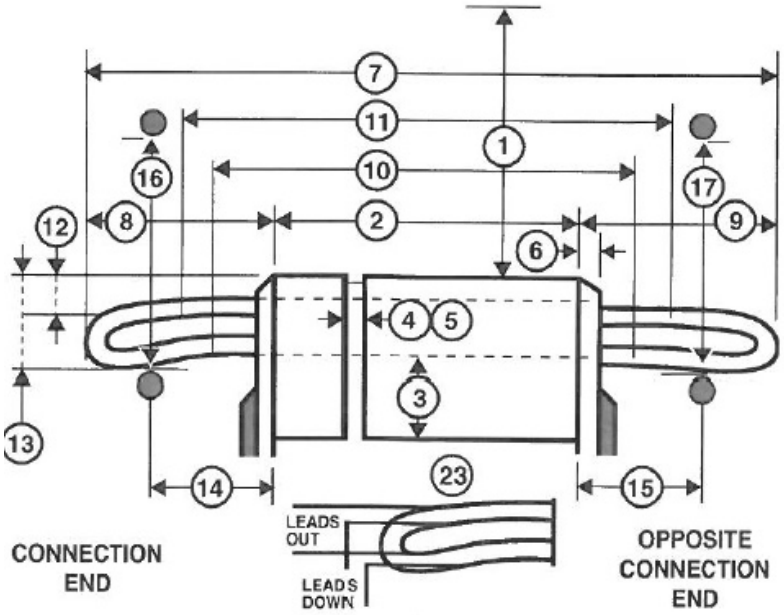
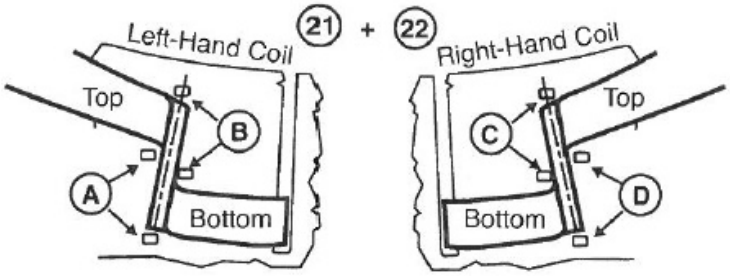
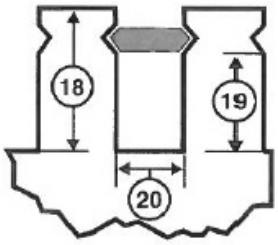
AC Stator Form Coil Data

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

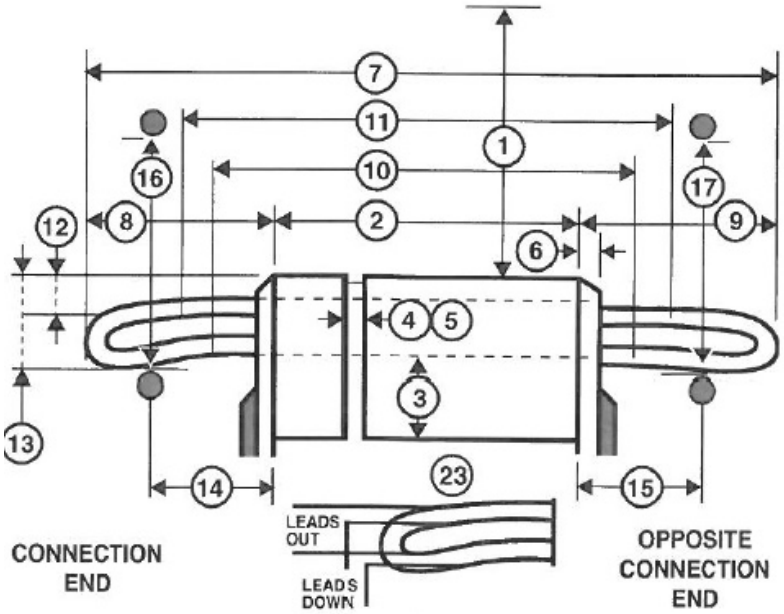
☐ Film ☐ Glass ☐ Mica ☐ Bare ☐ Other

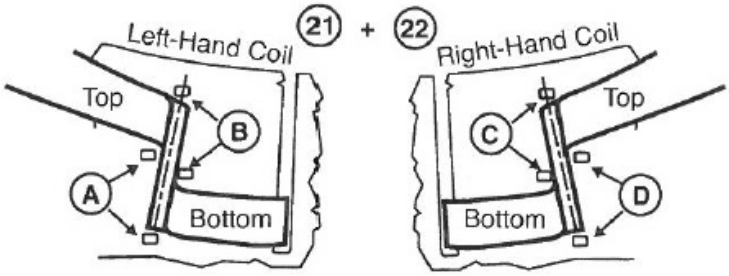
33. Coil weight Lbs.

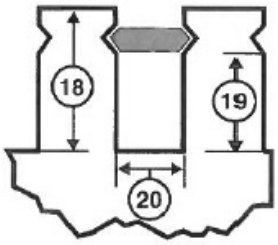
34. Groups of Coils

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

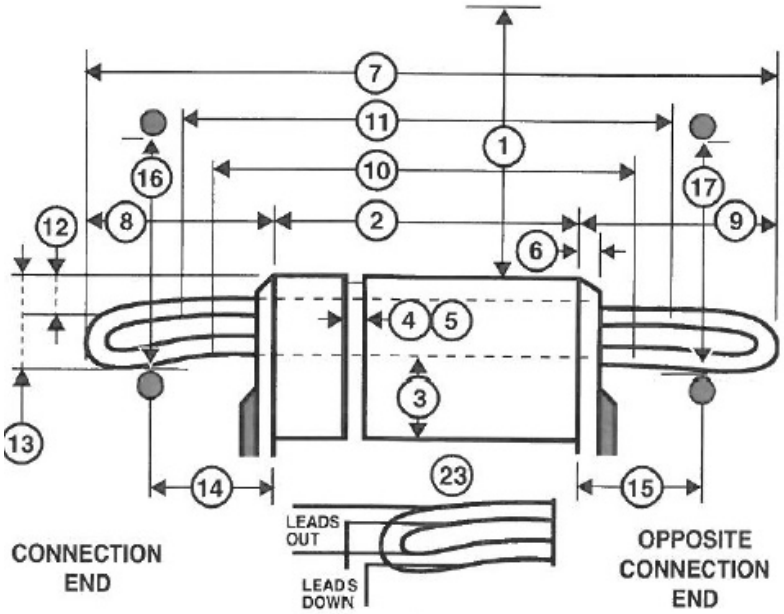
Hermetic	☐	☐
Slot paper used	☐	☐

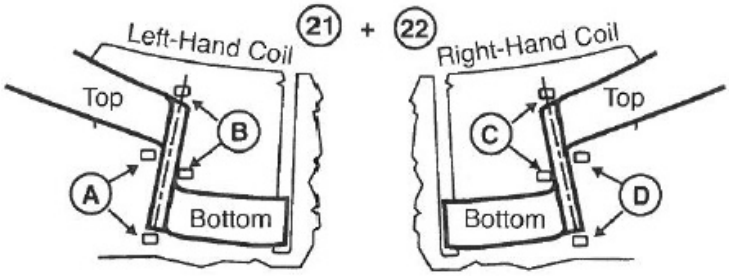
Insulation class ☐ B ☐ F ☐ H

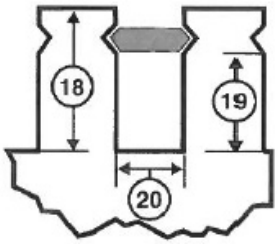
☐ VPI ☐ Dip & Bake ☐ Sealed

☐ Leads taped ☐ Leads sleeved

Comments







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