Job Information

Job #:	95999			Date:	October 23, 2019
Priority:	—	Authorized OT:	No	Authorized by:	

Customer Information

Name:	Flakeboard	Motor#:	

Name Plate Information

Manufacturer:	Bald or/Reliance	Enclosure :	Open Drop Proof (ODP)	Horsepower/kW:	75
Serial#:	C93-0000	Model#:	1LA03654FC21A	Service Factor:	1.15
Frame:	365T	Rated RPM:	1775	Rated Voltage:	230/460
Phase:	3	Rated Amps:	178.8/89.4	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)

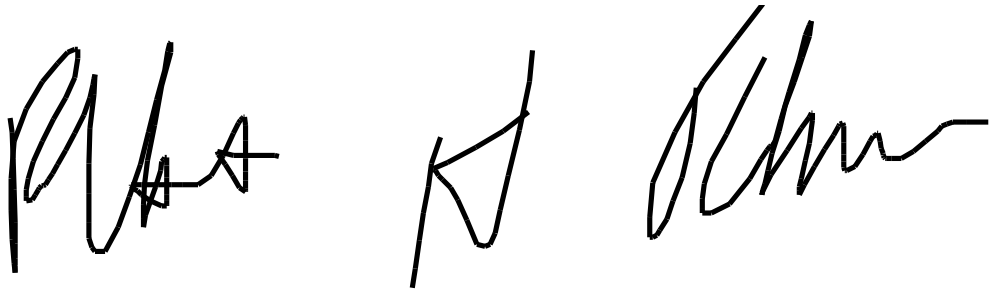
Core Test Data

	Flux	Watts	Watts loss per lb	Condition of iron
Before burnout	85.331	0.780	3.457	303
After burnout	76.323	0.772	2.323	258

Conclusion

Service Tech name: RHR

Service Tech signature:

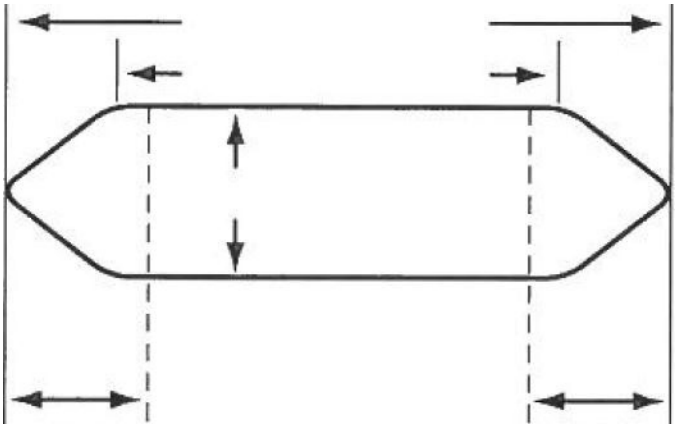


Polyphase AC Winding

Polyphase Date: October 23, 2019

Hp/kw:	75	RPM:	1775	Poles:	4	Manufacturer:	Bald or/Reliance
Slots:	48	Type:			RGZ	Volts:	230/460
Coils:	48	Model:	1LA03654FC21A			Amps:	178.8/89.4
Grouping	12 Of 4 Of	Serial#:	C93-0000			Phase:	3
		Lead marking:				Hertz:	60
Turns/Coil:	12	Lead length:	16	C Rise:		Frame:	365T
Wire Size	16 17 18	Lead size:	4	Duty:		C AMB:	
Wire Mult.	1 3 3	Num.Leads:	3	Eff.:		Ins.Cls.:	
Pitch 1 to:	11	☐ DP	☐ TEFC	☐ XPRF	☐ TENV	S.F.:	1.15
Connection:	2D						
Jumper:							
Core length:	9.875						
Core ID:	9.125						
Back iron:	0.875						
Slot depth:	1.25						
Slot/tooth w:	0.260						
Wire weight:	84						
Vents:	Size						
Rotor bars:							

COIL



Connection End
(Facing Terminal Box)

☑ Left ☐ Right

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Single Phase

Split Phase ☐

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

Hp/kw: 75 RPM: 1775 Manufacturer: Bald or/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: 1LA03654FC21A Amps: 178.8/89.4

Style: Hertz:

Form: Frame:

C Rise: Hrs.: Cap. Mfd.:

Serial#: C93-0000

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: Flakeboard

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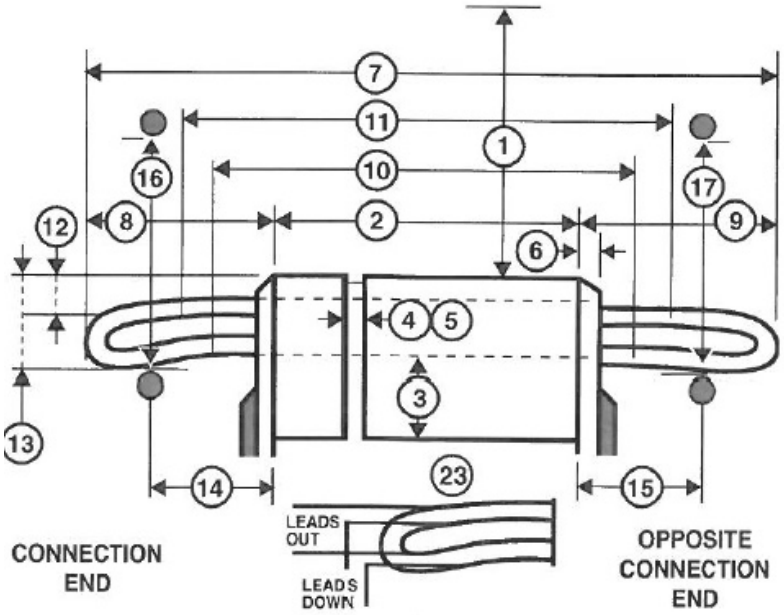
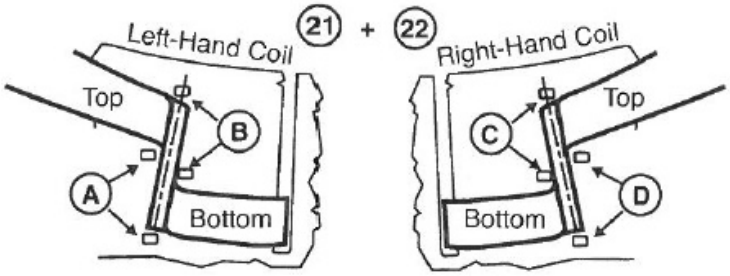
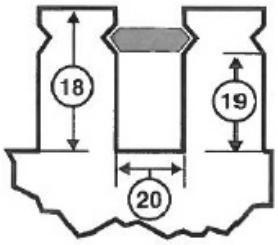
AC Stator Form Coil Data

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

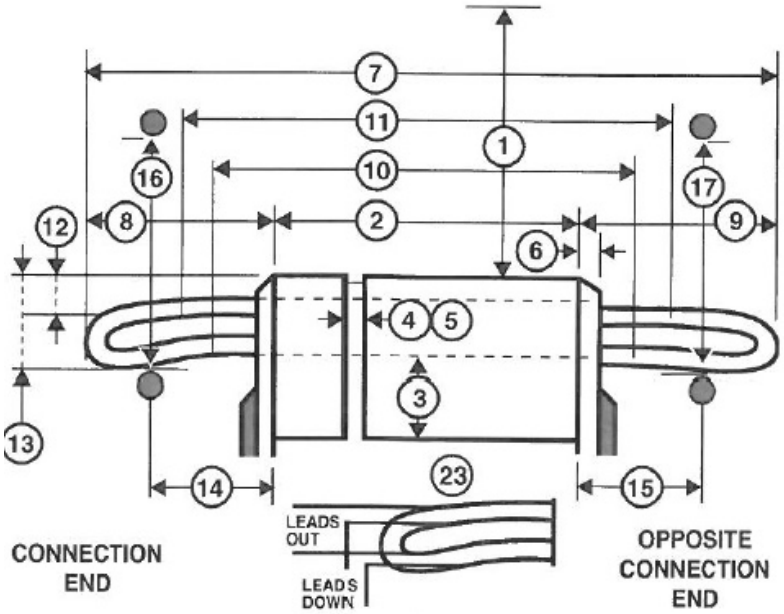
☐ Film ☐ Glass ☐ Mica ☐ Bare ☐ Other

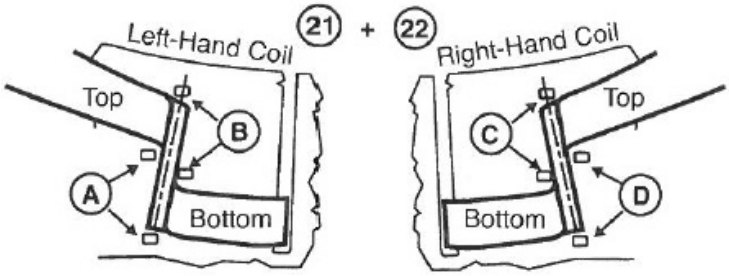
33. Coil weight Lbs.

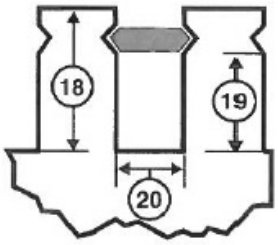
34. Groups of Coils

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

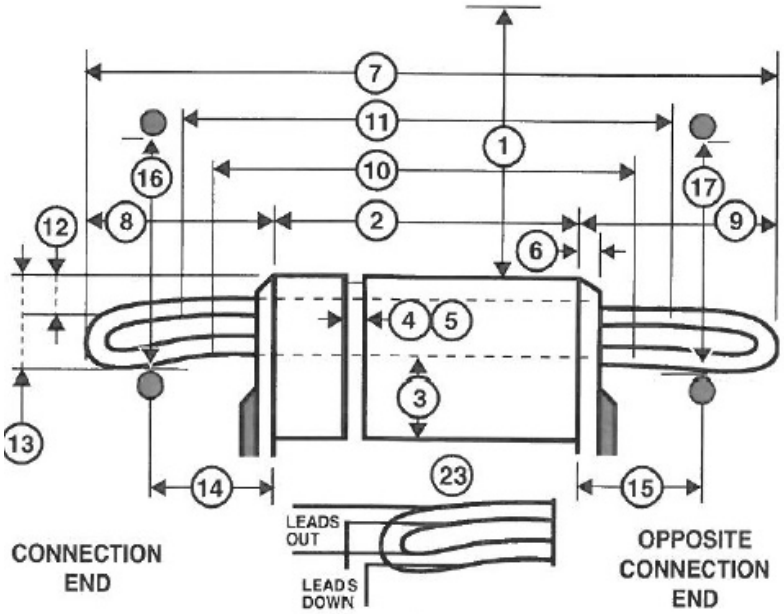
Hermetic	☐	☐
Slot paper used	☐	☐

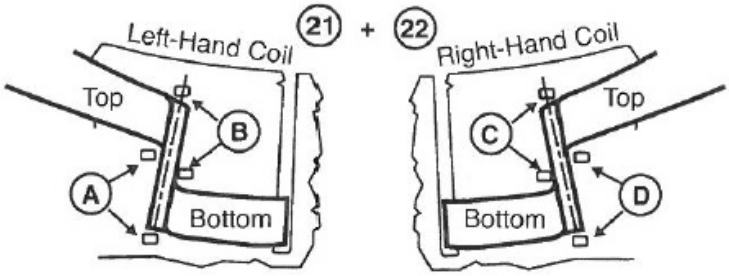
Insulation class ☐ B ☐ F ☐ H

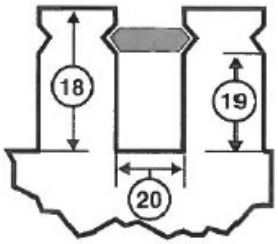
☐ VPI ☐ Dip & Bake ☐ Sealed

☐ Leads taped ☐ Leads sleeved

Comments







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