Job Information

Job #:	141484			Date:	January 16, 2020
Priority:	—	Authorized OT:	No	Authorized by:	

Customer Information

Name:	Big River	Motor#:	

Name Plate Information

Manufacturer:	Rossi	Enclosure :	Totally Enclosed Fan Cooled	Horsepower/kW:	15
Serial#:	1687404	Model#:		Service Factor:	1.15
Frame:	160M	Rated RPM:	1765	Rated Voltage:	460
Phase:	3	Rated Amps:	19	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:	In use	Thermostat:	None
RTD:	None	ohms at		degrees C	
Motor Heater(s) Present:	No	Qty:	Voltage:	Wattage:	

AC Electrical Inspection (Continued)

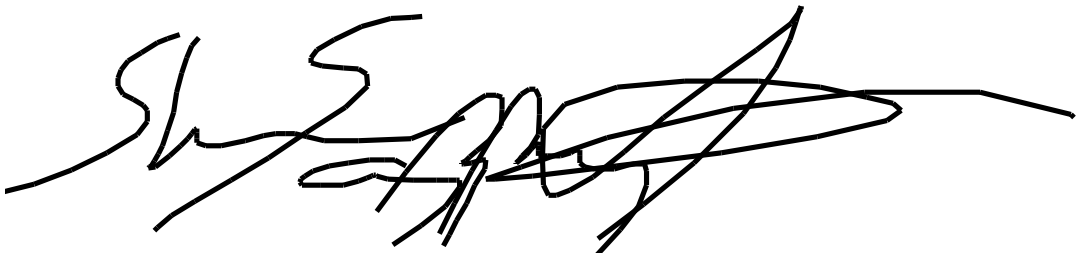
Core Test Data

	Flux	Watts	Watts loss per lb	Condition of iron
Before burnout				
After burnout	85.8	160	2.58	9

Conclusion

Service Tech name: Shawn

Service Tech signature:

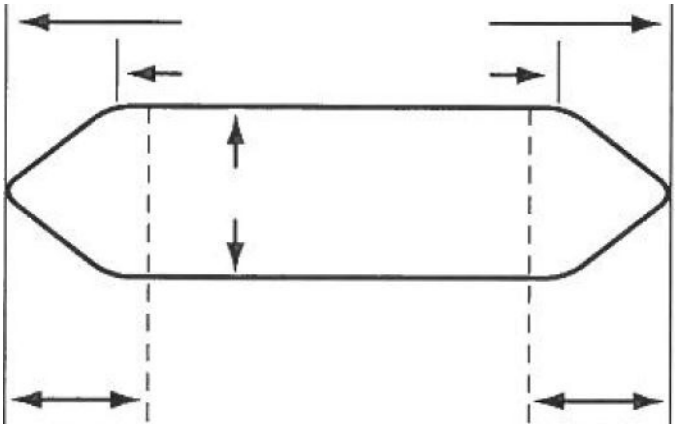


Polyphase AC Winding

Polyphase Date:

Hp/kw:	15	RPM:	1765	Poles:	4	Manufacturer:	Rossi
Slots:	36	Type:				Volts:	460
Coils:	18	Model:				Amps:	19
Grouping	6 Of 3 Of	Serial#:	1687404			Phase:	3
		Lead marking:			1-6	Hertz:	60
Turns/Coil:	52	Lead length:	12	C Rise:		Frame:	160M
Wire Size	19	Lead size:	18	Duty:		C AMB:	
Wire Mult.	2	Num.Leads:	6	Eff.:		Ins.Cls.:	
Pitch 1 to:	10	☐ DP	☑ TEFC	☐ XPRF	☐ TENV	S.F.:	1.15
Connection:	2Y2D						
Jumper:							
Core length:	7.00						
Core ID:	5.875						
Back iron:	1.00						
Slot depth:	0.750						
Slot/tooth w:	0.312						
Wire weight:	21						
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: 15 RPM: 1765 Manufacturer: Rossi

	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: 19

Style: Hertz:

Form: Frame:

C Rise: Hrs.: Cap. Mfd.:

Serial#: 1687404

Duty: — ☐ BB ☐ SB

Open: —

Sta.length: Sta.b.i.:

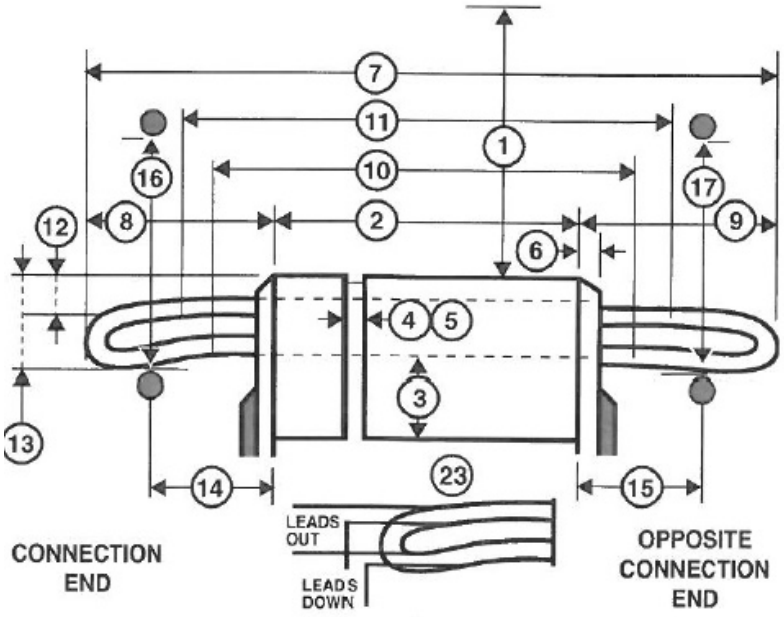
Running	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Slot No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Starting	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

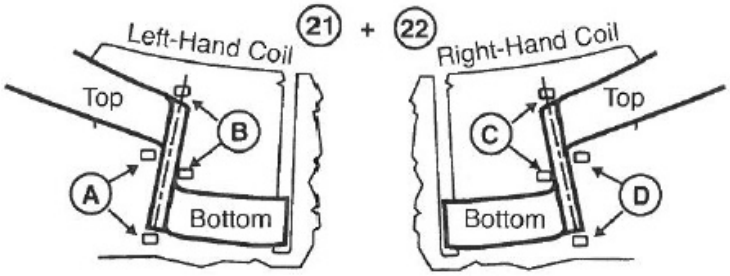
Customer: Big River

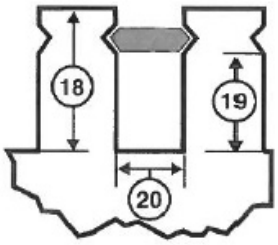
(Please return a copy to EASA Headquarters, 1331 Baur Blvd., St. Louis, MO 63132)

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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Fax 501-375-4254

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

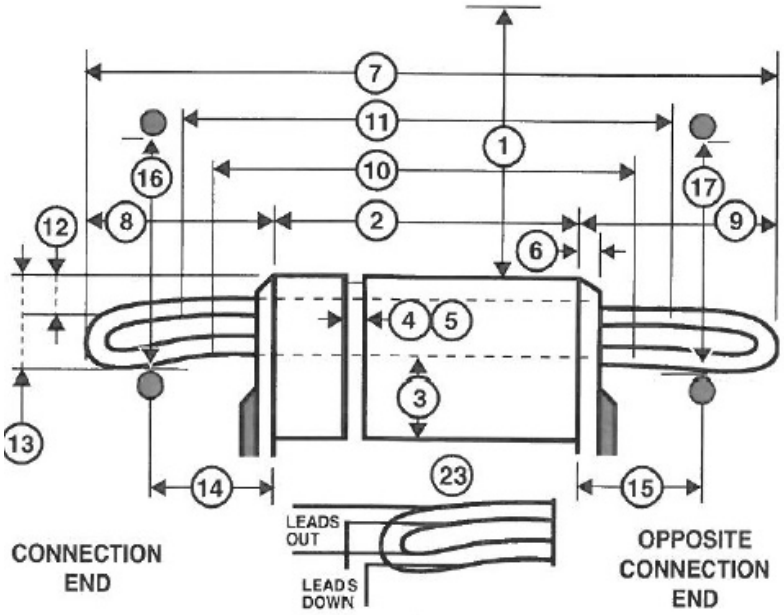
☐ Film ☐ Glass ☐ Mica ☐ Bare ☐ Other

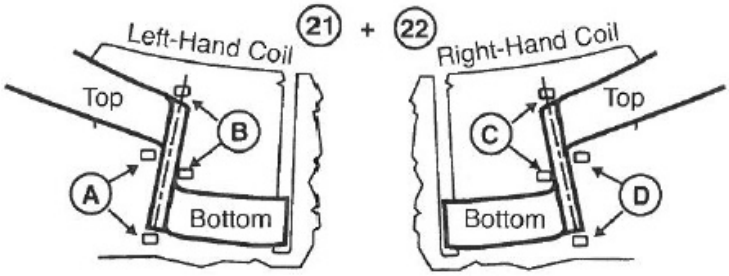
33. Coil weight Lbs.

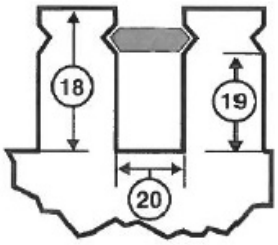
34. Groups of Coils

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

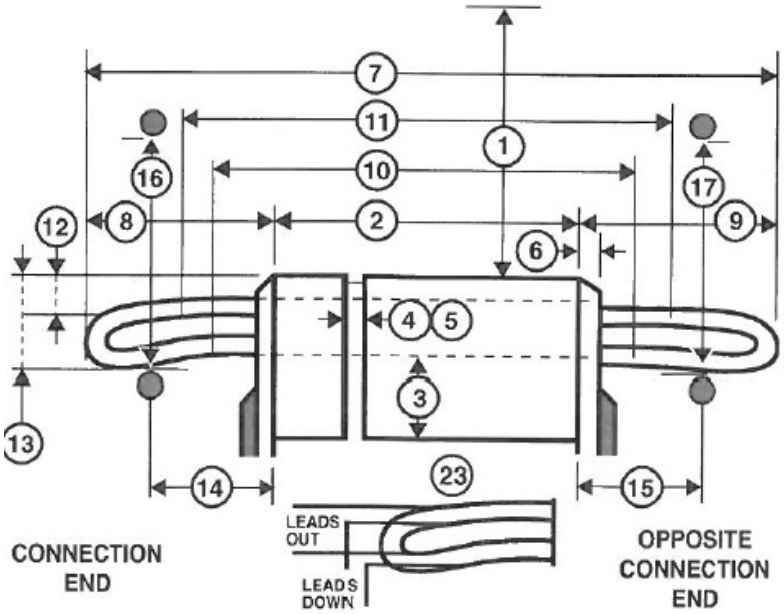
Hermetic	☐	☐
Slot paper used	☐	☐

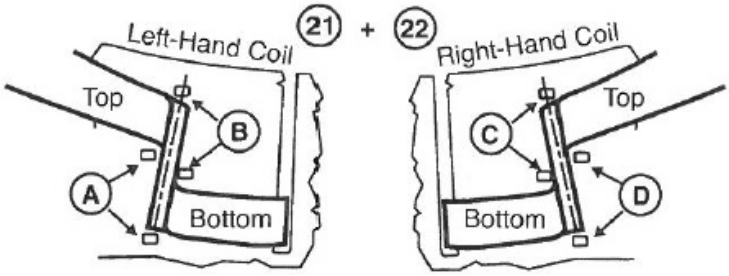
Insulation class ☐ B ☐ F ☐ H

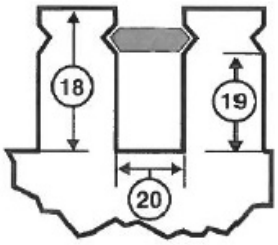
☐ VPI ☐ Dip & Bake ☐ Sealed

☐ Leads taped ☐ Leads sleeved

Comments







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