Job Information

Job #: 94388 Date: June 27, 2018

Priority: — Authorized OT: No Authorized by:

Customer Information

Name: RHR Motor#:

Name Plate Information

Manufacturer:	Louis Allis	Enclosure :	Open Drop Proof (ODP)	Horsepower/kW:	40
Serial#:	6/18-94388	Model#:	21416	Service Factor:	1.15
Frame:	324YZ	Rated RPM:	3565	Rated Voltage:	460
Phase:	3	Rated Amps:	53	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

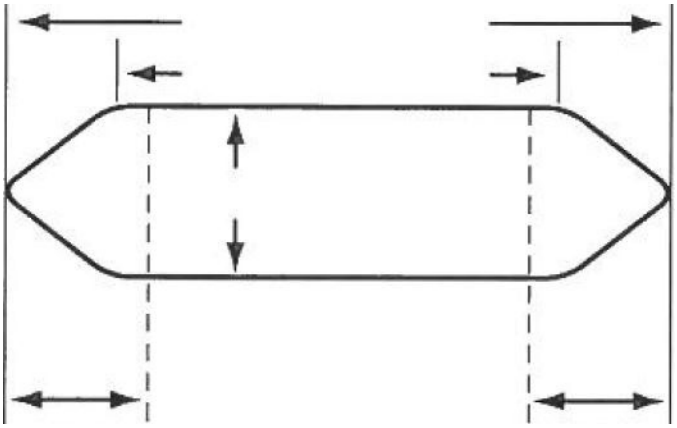
Service Tech signature:

Polyphase AC Winding

Polyphase Date: June 27, 2018

Hp/kw:	40	RPM:	3565	Poles:	2	Manufacturer:	Louis Allis
Slots:	24	Type:			CJ5E	Volts:	460
Coils:	24	Model:	21416			Amps:	53
Grouping	6 Of 4 Of	Serial#:	6/18-94388			Phase:	3
		Lead marking:				Hertz:	60
Turns/Coil:	14	Lead length:	16	C Rise:		Frame:	324YZ
Wire Size	16 17	Lead size:	6	Duty:		C AMB:	
Wire Mult.	3 3	Num.Leads:	3	Eff.:		Ins.Cls.:	
Pitch 1 to:	8	☐ DP	☐ TEFC	☐ XPRF	☐ TENV	S.F.:	1.15
Connection:	1D						
Jumper:							
Core length:	5.5						
Core ID:	7.375						
Back iron:	1.875						
Slot depth:	1.0						
Slot/tooth w:	0.5						
Wire weight:	45						
Vents:	Size						
Rotor bars:							

COIL



Connection End
(Facing Terminal Box)

☑ Left ☐ Right

EASA
The Electro•Mechanical Authority

Single Phase

Split Phase ☐

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

Hp/kw: 40 RPM: 3565 Manufacturer: Louis Allis

	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: 21416 Amps: 53

Style: Hertz:

Form: Frame:

C Rise: Hrs.: Cap. Mfd.:

Serial#: 6/18-94388

Duty: — ☐ BB ☐ SB

Open: —

Sta.length: Sta.b.i.:

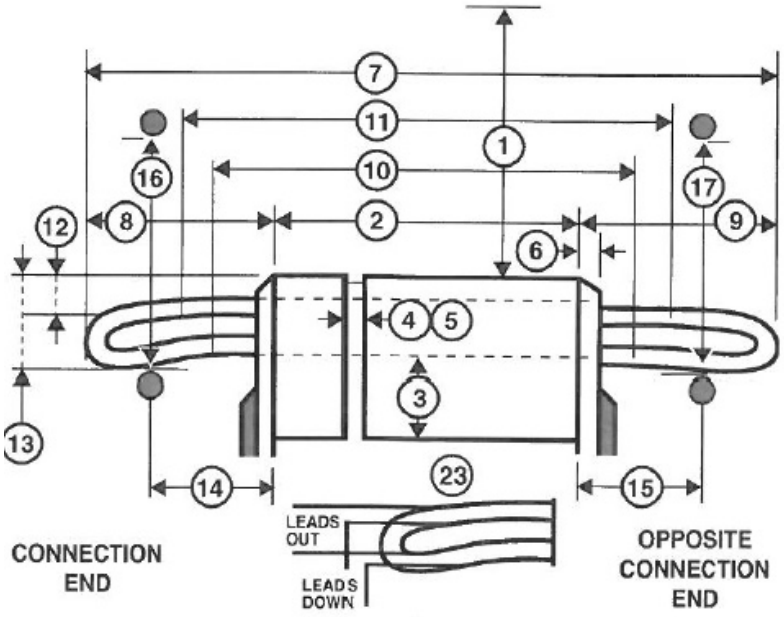
Running	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Slot No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Starting	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

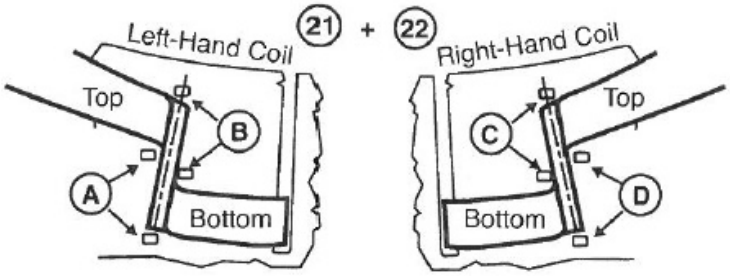
Customer: RHR

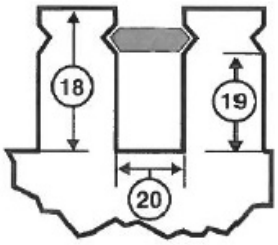
(Please return a copy to EASA Headquarters, 1331 Baur Blvd., St. Louis, MO 63132)

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







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

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

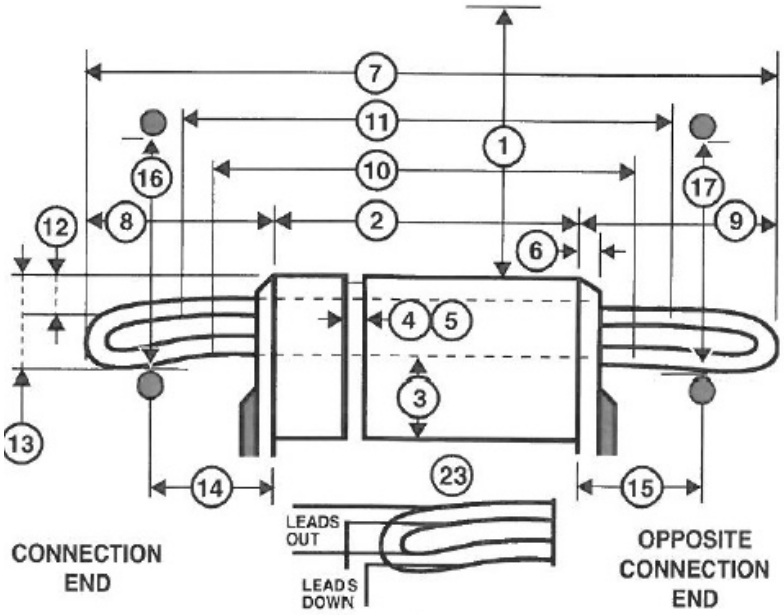
☐ Film ☐ Glass ☐ Mica ☐ Bare ☐ Other

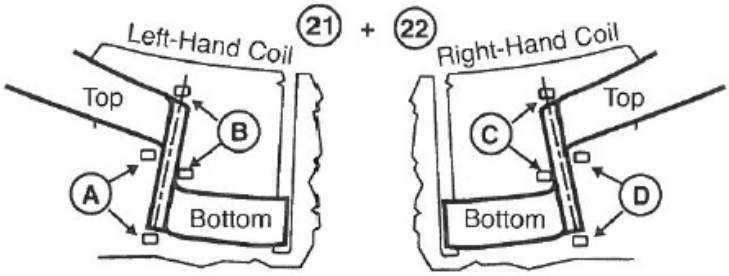
33. Coil weight Lbs.

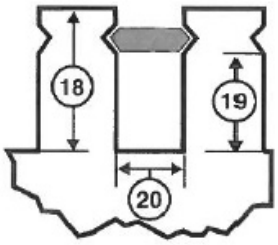
34. Groups of Coils

Groups of Coils

35. Iron skewed ☐ Right ☐ Left in







EASA The Electro•Mechanical Authority

AC Stator Form Coil Data (Continued)

Special Features	Yes	No
Data change	☐	☐
Coil support ring steel	☐	☐
Terrace wound	☐	☐
Corona Protection	☐	☐
RTDs	☐	☐

Ohms Qty

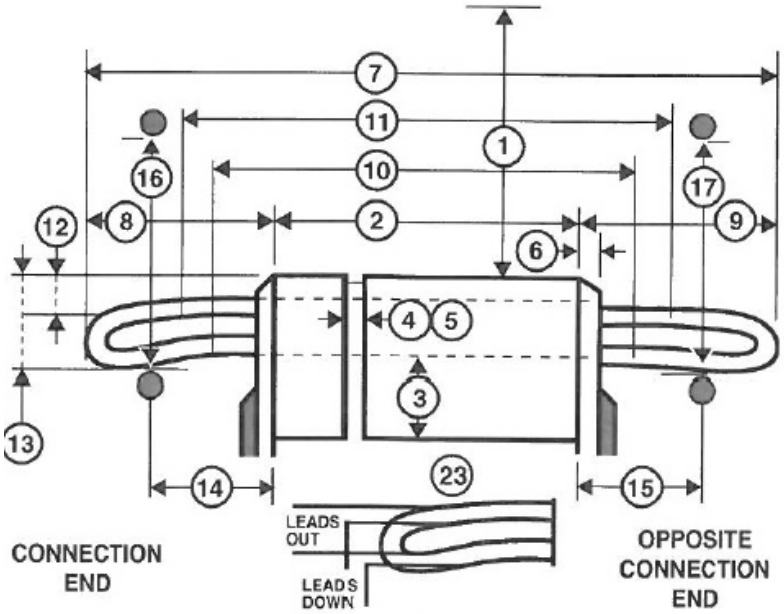
Hermetic	☐	☐
Slot paper used	☐	☐

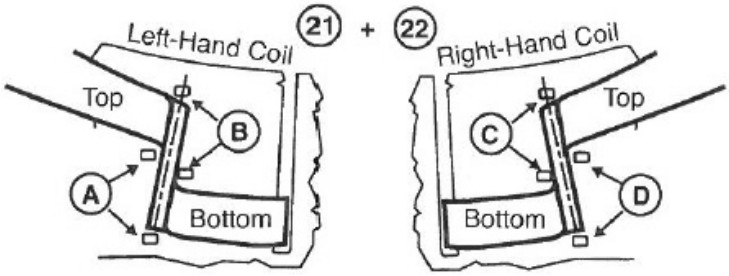
Insulation class ☐ B ☐ F ☐ H

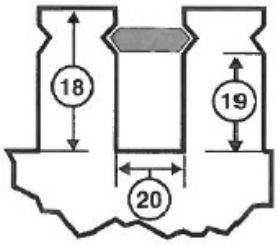
☐ VPI ☐ Dip & Bake ☐ Sealed

☐ Leads taped ☐ Leads sleeved

Comments







EASA The Electro•Mechanical Authority