Job Information

Job #: 94498 Date: July 17, 2018

Priority: — Authorized OT: No Authorized by:

Customer Information

Name: Ryerson Motor#:

Name Plate Information

Manufacturer:	Siemens	Enclosure :	Open Drop Proof (ODP)	Horsepower/kW:	37KW
Serial#:	E1107815344	Model#:	1LA5209-2AA99-ZT17	Service Factor:	
Frame:		Rated RPM:	3550	Rated Voltage:	440/460
Phase:	3	Rated Amps:	61/59	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:

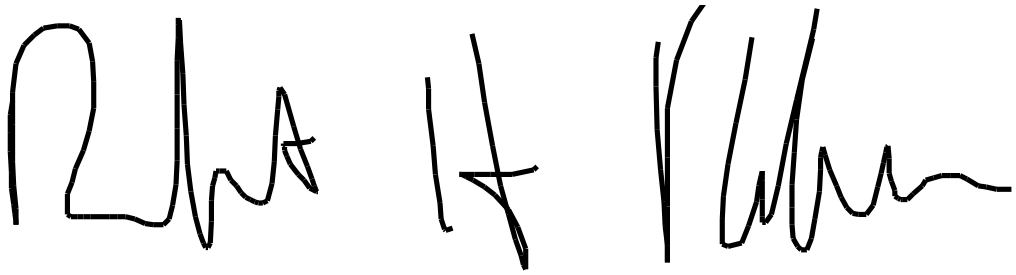
AC Electrical Inspection (Continued)

Core Test Data

	Flux	Watts	Watts loss per lb	Condition of iron
Before burnout				
After burnout				

Conclusion

Service Tech name: RHR

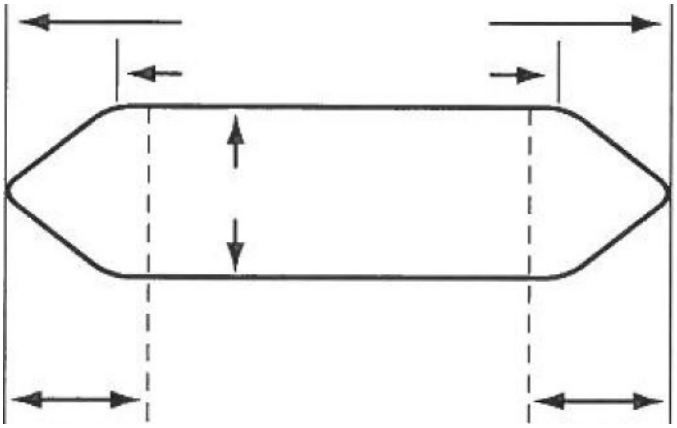
Service Tech signature: 

Polyphase AC Winding

Polyphase Date: July 17, 2018

Hp/kw:	37KW	RPM:	3550	Poles:	2	Manufacturer:	Siemens
Slots:	36	Type:				Volts:	440/460
Coils:	36	Model:	1LA5209-2AA99-ZT17			Amps:	61/59
Grouping	6 Of 6 Of	Serial#:	E1107815344			Phase:	3
		Lead marking:				Hertz:	60
Turns/Coil:	565656	Lead length:	4	C Rise:		Frame:	
Wire Size	17 18	Lead size:	4	Duty:		C AMB:	
Wire Mult.	5 5	Num.Leads:	6	Eff.:		Ins.Cls.:	
Pitch 1 to:	14	☐ DP	☐ TEFC	☐ XPRF	☐ TENV	S.F.:	
Connection:	1Y1D						
Jumper:							
Core length:	9.125						
Core ID:	7.0						
Back iron:	1.625						
Slot depth:	0.75						
Slot/tooth w:	0.314						
Wire weight:	42						
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: 37KW RPM: 3550 Manufacturer: Siemens

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

Type: Volts: 440/460

Model: 1LA5209-2AA99-ZT17 Amps: 61/59

Style: Hertz:

Form: Frame:

C Rise: Hrs.: Cap. Mfd.:

Serial#: E1107815344

Duty: — ☐ BB ☐ SB

Open: —

Sta.length: Sta.b.i.:

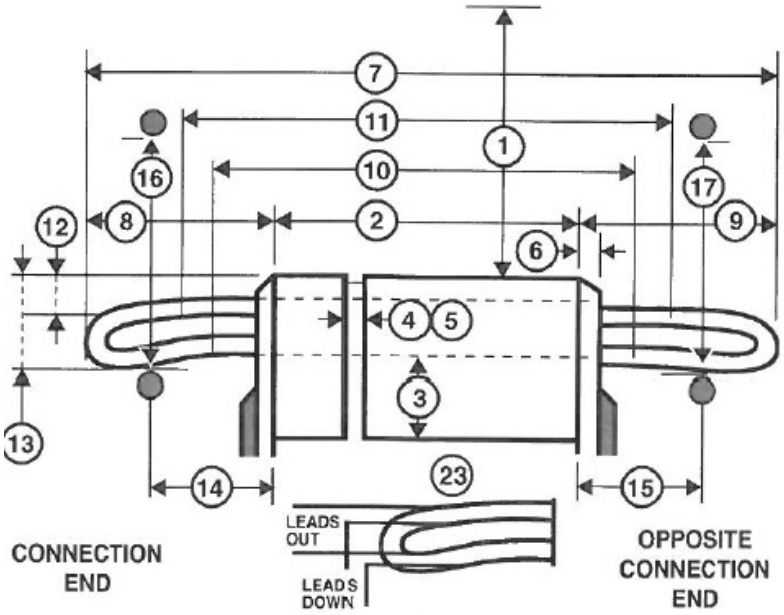
Running	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Slot No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Starting	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

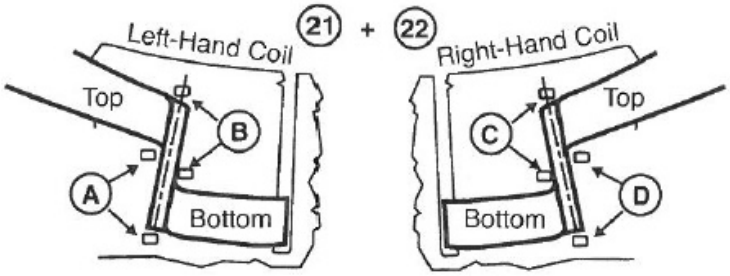
Customer: Ryerson

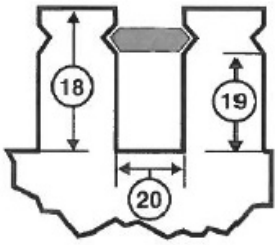
(Please return a copy to EASA Headquarters, 1331 Baur Blvd., St. Louis, MO 63132)

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

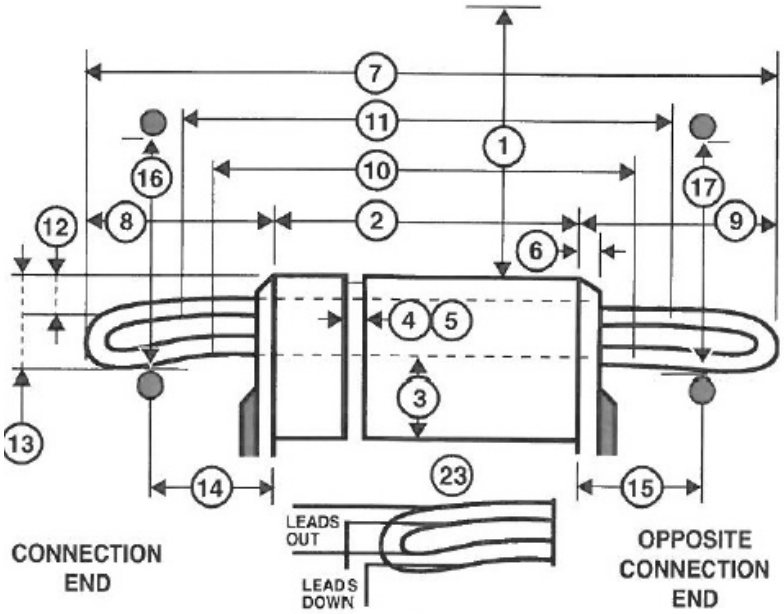
☐ Film ☐ Glass ☐ Mica ☐ Bare ☐ Other

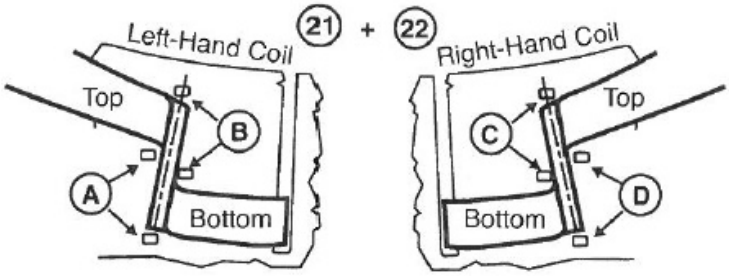
33. Coil weight Lbs.

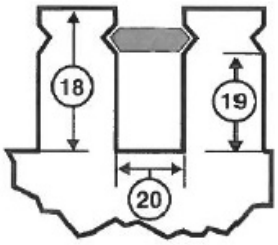
34. Groups of Coils

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

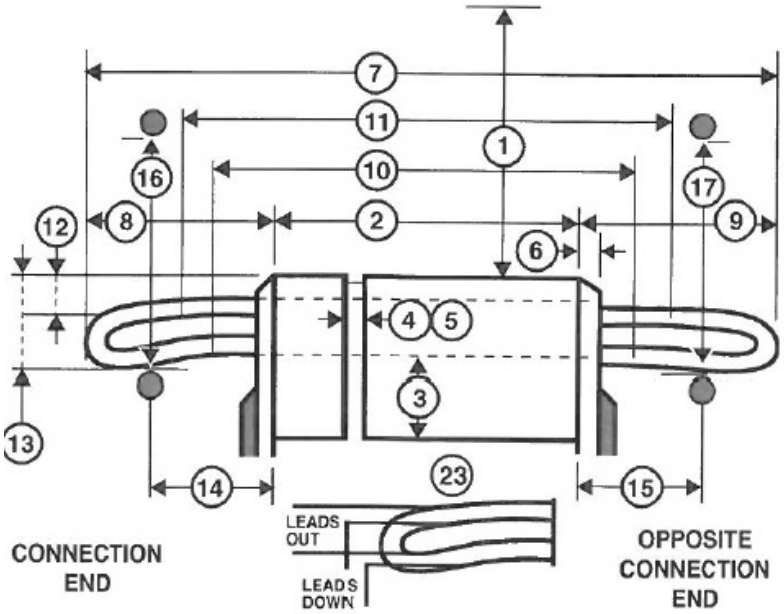
Hermetic	☐	☐
Slot paper used	☐	☐

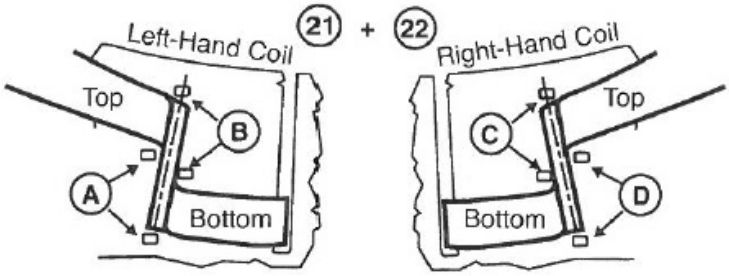
Insulation class ☐ B ☐ F ☐ H

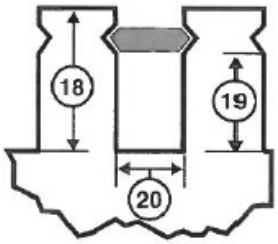
☐ VPI ☐ Dip & Bake ☐ Sealed

☐ Leads taped ☐ Leads sleeved

Comments







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