

Job Information

Job #: 141857 Date: February 18,

2020

Priority: — Authorized OT: No Authorized by:

Customer Information

Name: Johnson Controls Motor#:

Name Plate Information

Manufacturer: US Enclosure: Weather Protected Horsepower/kW: 200

I (WPI)

Serial#: T0420113353-0001R Model#: Service Factor:

0001

Frame: 445vp Rated RPM: 1780 Rated Voltage: 460

Phase: 3 Rated Amps: 224 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: No Qty: Voltage: Wattage:



AC Electrical Inspection (Continued)

Core Test Data

Flux Watts Watts loss per lb Condition of iron

Before burnout

After burnout 84.8 320 1.10 7

Conclusion

Service Tech name: Shawn

Service Tech signature:

60



Of

Polyphase AC Winding

Polyphase Date:

Hp/kw: 200 RPM: 1780 Poles: 4 Manufacturer: US

Slots: 72 Type: Volts: 460

Coils: 72 Model: Amps: 224

12 Of 6 Serial#: T0420113353-0001R0001 Phase: 3

Grouping Lead marking: 1-6 Hertz:

Turns/Coil: 10 Lead length: 18 C Rise: Frame: 445vp

Wire Size 16 17 Lead size: Duty: C AMB:

Wire Mult. 3 3 Num.Leads: 6 Eff.: Ins.Cls.:

Pitch 1 to: 15 DP TEFC X XPRF TENV S.F.:

Connection: 4Y4D

Core ID: 11.00

12.750

Back iron: 1.312

Slot depth: 1.687

Slot/tooth w: 0.210

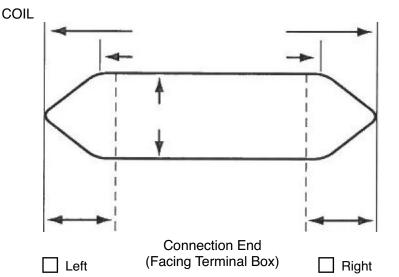
Wire weight: 160

Vents: Size

Rotor bars:

Jumper:

Core length:





CENTRAL ARKANSAS



Single Phase				Split Phase Capacitor: St					art 🔲 Start & Run				Perm. Split					
Hp/kw:	200			RPM:	1	780			Manu	facture	er:	US						
		Run		Start	t		Type:	:						V	olts:	460		
			Т			ľ	Model:	:						Ar	nps:	224		
No. Slots	6						Style:	:						Н	ertz:			
No. Poles				Form:							Frame:							
Coils/pole	e																	
Dwg No.			C Rise:						Hrs.:				Cap. Mfd.:					
Wire Size				Serial#: T0420113353-0001R0001														
Wires in par.				Duty: —							☐ BB ☐ SB							
No. Circuits			Open: —															
Coil Ext.				Sta.length:						Sta.b.i.:								
Stator Bore																		
			ı															
Running	g 🗆																	
Slot No	. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Starting																		
Customer: Johnson Controls																		

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



AC Stator Form Coil Data

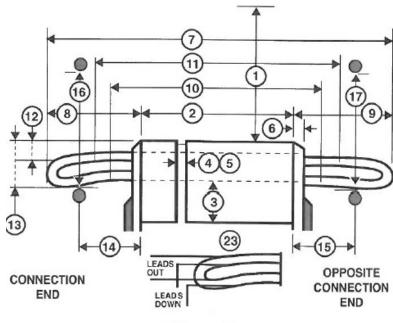
- 1. Core bore diameter
- 2. Total core length
- 3. Back iron
- 4. No. of vents
- 5. Width of vents
- 6. Finger plate width
- 7. Overall coil length
- 8. Connnection end extension
- 9. Opposite Conn. End Ext.
- 10. Straight length bottom side
- 11. Straight length top side
- 12. Small knuckle drop. CE

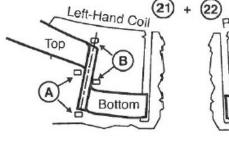
OCE

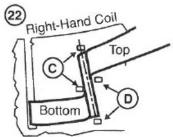
13. Large knuckle drop. CE

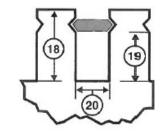
OCE

- 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











CENTRAL ARKANSAS



AC Stator Form Coil Data (Continued)

21. Lead location A B C D

23. Coil leads Long# LG

Short# LG

Out Down

24. Jumper —

25. Connection —

26. No. of circuits

27. No. of slots

28. Coil throw

29. Turns per coil

30. Total wires in parallel

31. Bare wire sizes () x

() x

32. Strand insulation

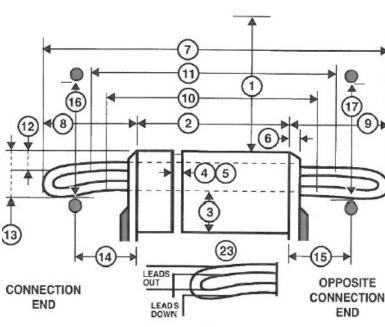
☐ Film ☐ Glass ☐ Mica ☐ Bare ☐ Other

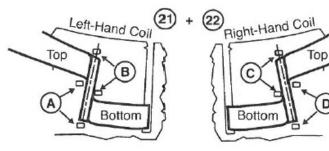
33. Coil weight Lbs.

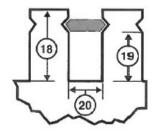
34. Groups of Coils

Groups of Coils

35. Iron skewed Right Left in











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 s	leeved					
Comments							

