

Job Information

Job #: 97077 Date: August 19, 2020

Priority: — Authorized OT: No Authorized by:

Customer Information

Name: Arauco Motor#: 97077

Name Plate Information

Manufacturer: Baldor Enclosure: Open Drop Proof Horsepower/kW: 50

(ODP)

Serial#: C106020832 Model#: 12P018X911G1 Service Factor: 1.15

Frame: 326T5C Rated RPM: 3540 Rated Voltage: 230/460

Phase: 3 Rated Amps: 112/56 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 85.090 0.527 1.597 154

Conclusion

Service Tech name: Joshua starks

Service Tech signature:

Polyphase Date:



Polyphase AC Winding

Hp/kw: 50 RPM: 3540 Poles: Manufacturer: Baldor

Slots: 36 Type: Volts: 230/460

Coils: 36 Model: 12P018X911G1 Amps: 112/56

6 Of 6 Serial#: C106020832 Phase: 3

Grouping

Congrue

Lead marking:

Hertz:

60

Turns/Coil: 15 Lead length: 10 C Rise: Frame: 326T5C

Wire Size 16 17 Lead size: Duty: C AMB: 40

Wire Mult. 2 3 Num.Leads: Eff.: Ins.Cls.:

Pitch 1 to: 15 DP TEFC XPRF TENV S.F.: 1.15

Connection: 2D

C

7.125

Core ID: 7.625

Back iron: 1.75

Slot depth: 1.125

Slot/tooth w: 0.284

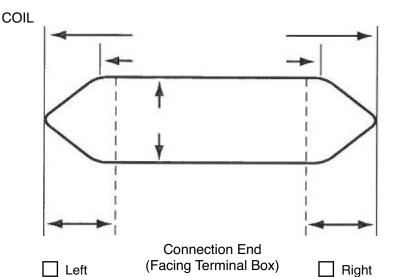
Wire weight: 60

Vents: Size

Rotor bars:

Jumper:

Core length:





CENTRAL ARKANSAS



Single Phase				Split Phase						un	Perm. Split							
Hp/kw:	50			RPM:	3	540			Manu	facture	er:	Baldo	r					
		Run		Start			Type:							V	olts:	230/	460	
No. Slots						ľ	Model:	: 1	2P018	X911G	i1			Ar	mps:	112/	56	
							Style:							H	ertz:			
No. Poles	3						Form:							Fra	ame:			
Coils/pole	9																	
Dwg No							C Ris	se:			Hrs.:			Ca	ap. M	fd.:		
Wire Size				Serial#: C106020832														
Wires in par							Du	ty: -	_					E	3B	□ s	В	
No. Circuits				Open: —														
Coil Ext.				Sta.length:							Sta.b.i.:							
Stator Bore)																	
			-															
Running	g 🔲																	
Slot No	. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Starting	g 🔲																	
Customer	: <i>F</i>	Arauco																

(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

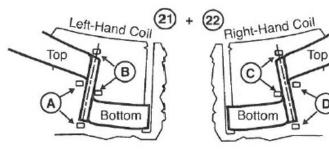
33. Coil weight Lbs.

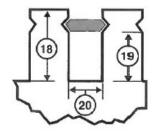
34. Groups of Coils

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 B H							
☐ VPI ☐ Dip & Bake ☐ Sealed							
Leads taped [Leads s	leeved					
Comments							

