



MILLINGTON, TN

LITTLE ROCK, AR

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
(ODP)

Horsepower/kW: 50

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:

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



MILLINGTON, TN

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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:

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Polyphase AC Winding

Polyphase Date:

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

Slots: 36 Type: Volts: 230/460

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

Serial#: C106020832 Phase: 3

Lead marking: Hertz: 60

6 Of 6
Grouping
Of

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

Jumper:

Core length: 7.125

Core ID: 7.625

Back iron: 1.75

Slot depth: 1.125

Slot/tooth w: 0.284

Wire weight: 60

Vents: Size

COIL


☐ Left

Connection End
(Facing Terminal Box)

☐ Right



MILLINGTON, TN

LITTLE ROCK, AR

Single Phase

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

Hp/kw: 50

RPM: 3540

Manufacturer: Baldor

Run

Start

Type:

Volts: 230/460

Model: 12P018X911G1

Amps: 112/56

Style:

Hertz:

Form:

Frame:

No. Slots

No. Poles

Coils/pole

Dwg No.

C Rise:

Hrs.:

Cap. Mfd.:

Wire Size

Serial#: C106020832

Wires in par.

Duty: —

☐ BB☐ SB

No. Circuits

Open: —

Coil Ext.

Sta.length:

Sta.b.i.:

Stator Bore

Running ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

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

Starting ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Customer: Arauco

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

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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. Connection end extension
9. Opposite Conn. End Ext.
10. Straight length bottom side
11. Straight length top side
12. Small knuckle drop. CE
13. Large knuckle drop. CE
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

OCE

OCE



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


