



MILLINGTON, TN

LITTLE ROCK, AR

Job Information

Job #: 96542

Date: March 3, 2020

Priority: —

Authorized OT: No

Authorized by:

Customer Information

Name: Arvauco

Motor#: 96542

Name Plate Information

Manufacturer:	Bolder	Enclosure :	Open Drop Proof (ODP)	Horsepower/kW:	50HP
Serial#:	C1406028802	Model#:	84Z03650	Service Factor:	
Frame:	326TSC	Rated RPM:	3450	Rated Voltage:	460
Phase:	3	Rated Amps:	56	Cycles:	

Special design: No

AC Electrical Inspection

Megs after rewind:	Good	Surge after rewind:	Good	Hi-pot after rewind:	Good
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Core loss:	Good	Thermistors:	None	Thermostat:	None
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RTD:	None	ohms at	degrees C
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Motor Heater(s) Present:	Yes	Qty:	Voltage:	Wattage:
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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

LITTLE ROCK, AR

AC Electrical Inspection (Continued)

Core Test Data

	Flux	Watts	Watts loss per lb	Condition of iron
Before burnout	85.413	0.390	1.404	183
After burnout	85.349	0.482	1.449	153

Conclusion

Service Tech name: Joshua starks

Service Tech signature:

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MILLINGTON, TN

LITTLE ROCK, AR

Polyphase AC Winding

Polyphase Date:

Hp/kw: 50HP RPM: 3450 Poles: 2 Manufacturer: Bolder

Slots: 36 Type: Volts: 460

Coils: 18 Model: 84Z03650 Amps: 56

Serial#: C1406028802 Phase: 3

6 Of 3
Grouping
Of

Lead marking: P/n 84Z03650 Hertz: 60

Turns/Coil: 131415

Lead length: C Rise: Frame:

Wire Size 16 17

Lead size: Duty: C AMB:

Wire Mult. 7 2

Num.Leads: Eff.: Ins.Cls.: F

Pitch 1 to: 141618

☐ DP ☒ TEFC ☐ XPRF ☐ TENV S.F.:

Connection: 1&2 D

Jumper:

Core length: 7.125

Core ID: 7.625

Back iron: 1.75

Slot depth: 1.125

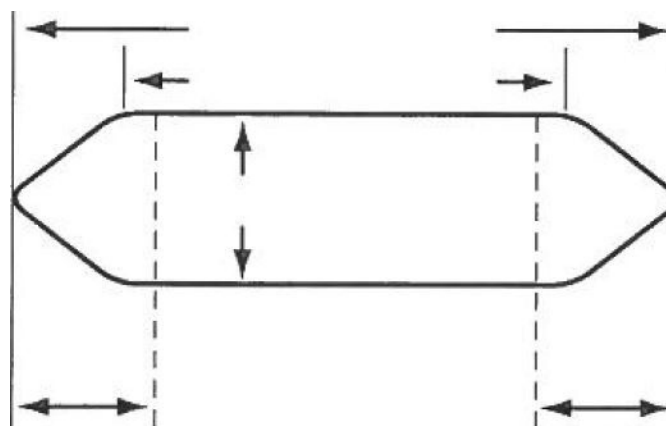
Slot/tooth w: 0.284

Wire weight: 60

Vents: Size

Rotor bars:

COIL

☐ LeftConnection End
(Facing Terminal Box)☐ Right

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MILLINGTON, TN

LITTLE ROCK, AR

Single Phase

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

Hp/kw: 50HP

RPM: 3450

Manufacturer: Bolder

Run

Start

Type:

Volts: 460

Model: 84Z03650

Amps: 56

Style:

Hertz:

Form:

Frame:

No. Slots

No. Poles

Coils/pole

Dwg No.

C Rise:

Hrs.:

Cap. Mfd.:

Wire Size

Serial#: C1406028802

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: Arvauco

(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


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

