



MILLINGTON, TN

LITTLE ROCK, AR

Job Information

Job #: 141575

Date: January 24,
2020

Priority: —

Authorized OT: No

Authorized by:

Customer Information

Name: Process& Power

Motor#:

Name Plate Information

Manufacturer: Baldor

Enclosure : Totally Enclosed
Fan Cooled

Horsepower/kW: 350

Serial#: K1203280011

Model#:

Service Factor:

Frame: 23eb5010dz

Rated RPM: 1789

Rated Voltage: 4160

Phase: 3

Rated Amps: 45

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:

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				
After burnout	85.06	2890	2.08	5

Conclusion

Service Tech name: Shawn

Service Tech signature:

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MILLINGTON, TN

LITTLE ROCK, AR

Polyphase AC Winding

Polyphase Date:

Hp/kw: 350 RPM: 1789 Poles: Manufacturer: Baldor

Slots: Type: Volts: 4160

Coils: Model: Amps: 45

Serial#: K1203280011 Phase: 3

Lead marking: Hertz:

Of
Grouping
Of

Turns/Coil: Lead length: C Rise: Frame:

Wire Size Lead size: Duty: C AMB:

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

Pitch 1 to: ☐ DP ☐ TEFC ☐ XPRF ☐ TENV S.F.:

Connection:

Jumper:

Core length:

Core ID:

Back iron:

Slot depth:

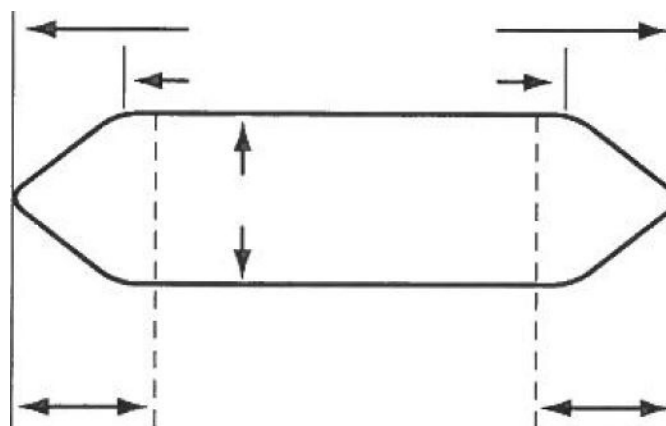
Slot/tooth w:

Wire weight:

Vents: Size

Rotor bars:

COIL

☐ LeftConnection End
(Facing Terminal Box)☐ Right**WEST TENNESSEE**

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MILLINGTON, TN

LITTLE ROCK, AR

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

Hp/kw: 350

RPM: 1789

Manufacturer: Baldor

Run

Start

Type:

Volts: 4160

Model:

Amps: 45

Style:

Hertz:

Form:

Frame:

No. Slots

No. Poles

Coils/pole

Dwg No.

C Rise:

Hrs.:

Cap. Mfd.:

Wire Size

Serial#: K1203280011

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 ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

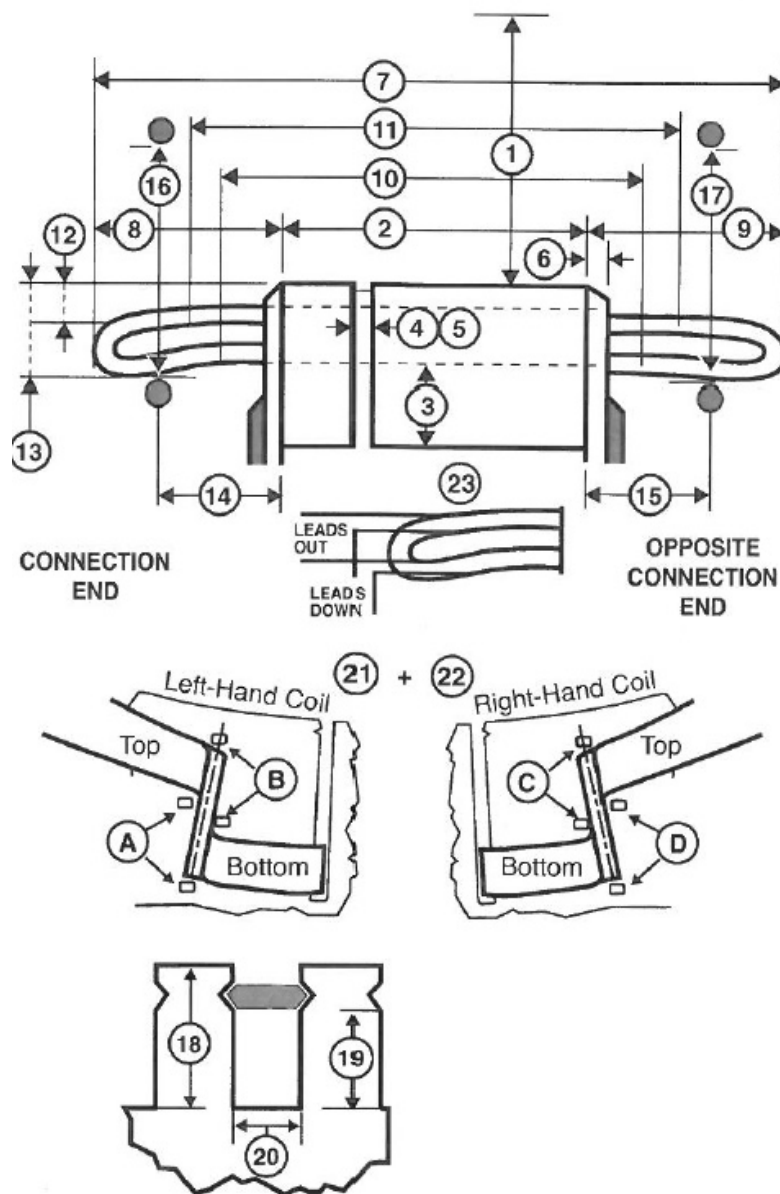
Customer: Process& Power

(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	15.00
2. Total core length	23.4375
3. Back iron	2.555
4. No. of vents	0
5. Width of vents	0
6. Finger plate width	0
7. Overall coil length	38.250
8. Connection end extension	7.5
9. Opposite Conn. End Ext.	7.5
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	2.172
19. Slot depth under wedge	2.025
20. Slot width	0.453



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 1-4

25. Connection WYE

26. No. of circuits 1

27. No. of slots 60

28. Coil throw 1-14

29. Turns per coil 8

30. Total wires in parallel 1

31. Bare wire sizes (0.10) x 0.291
5

() x

32. Strand insulation

☒ Film ☐ Glass ☐ Mica ☐ Bare ☐ Other

33. Coil weight 7.35 Lbs.

34. 12 Groups of 5 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

