



MILLINGTON, TN

LITTLE ROCK, AR

## Job Information

Job #: @95753

Date: July 18, 2019

Priority: —

Authorized OT: No

Authorized by:

## Customer Information

Name: ArkBox

Motor#:

## Name Plate Information

|               |              |             |                       |                 |     |
|---------------|--------------|-------------|-----------------------|-----------------|-----|
| Manufacturer: | Westinghouse | Enclosure : | Open Drop Proof (ODP) | Horsepower/kW:  | 1   |
| Serial#:      | 7110         | Model#:     | TBFC                  | Service Factor: | 1.0 |
| Frame:        | 143TY        | Rated RPM:  | 1750                  | Rated Voltage:  | 460 |
| Phase:        | 3            | Rated Amps: | 2                     | 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



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## AC Electrical Inspection (Continued)

### Core Test Data

|                | Flux | Watts | Watts loss per lb | Condition of iron |
|----------------|------|-------|-------------------|-------------------|
| Before burnout |      |       |                   |                   |
| After burnout  |      |       |                   |                   |

## Conclusion

Service Tech name: RHR

Service Tech signature:

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6812 Lindsey Rd.  
Little Rock, AR 72206  
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Fax 501-375-4254

## Polyphase AC Winding

Polyphase Date: July 18, 2019

Hp/kw: 1      RPM: 1750      Poles: 4      Manufacturer: Westinghouse

Slots: 36      Type:      Volts: 460

Coils: 18      Model: TBFC      Amps: 2

|          |    |   |
|----------|----|---|
| 6        | Of | 3 |
| Grouping |    |   |
|          | Of |   |

Serial#: 7110      Phase: 3

Lead marking:      Hertz: 60

Turns/Coil: 78      Lead length: 9      C Rise:      Frame: 143TY

Wire Size: 22      Lead size: 18      Duty:      C AMB:

Wire Mult.: 1      Num. Leads: 3      Eff.:      Ins. Cls.:

Pitch 1 to: 81012       DP     TEFC     XPRF     TENV    S.F.: 1.0

Connection: 1Y

Jumper:

Core length: 1.875

Core ID: 3.625

Back iron: 0.5

Slot depth: 0.5

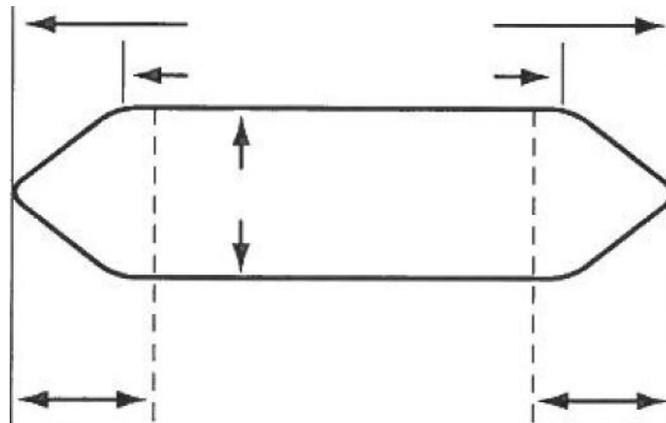
Slot/tooth w: 0.182

Wire weight: 3

Vents:      Size

Rotor bars:

COIL



Left

Connection End  
(Facing Terminal Box)

Right



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### Single Phase

Split Phase  
 Capacitor:     Start         Start & Run         Perm. Split

Hp/kw: 1                      RPM: 1750                      Manufacturer: Westinghouse

|               |     |       |               |                             |                             |
|---------------|-----|-------|---------------|-----------------------------|-----------------------------|
|               | Run | Start | Type:         | Volts: 460                  |                             |
| No. Slots     |     |       | Model: TBFC   | Amps: 2                     |                             |
| No. Poles     |     |       | Style:        | Hertz:                      |                             |
| Coils/pole    |     |       | Form:         | Frame:                      |                             |
| Dwg No.       |     |       | C Rise:       | Hrs.:                       | Cap. Mfd.:                  |
| Wire Size     |     |       | Serial#: 7110 |                             |                             |
| Wires in par. |     |       | Duty: —       | <input type="checkbox"/> BB | <input type="checkbox"/> SB |
| No. Circuits  |     |       | Open: —       |                             |                             |
| Coil Ext.     |     |       | Sta.length:   | Sta.b.i.:                   |                             |
| Stator Bore   |     |       |               |                             |                             |

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Running

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

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Starting

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Customer: ArkBox

(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. Connection 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

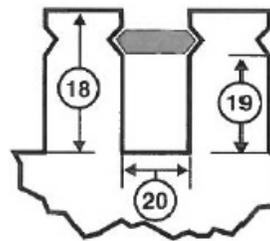
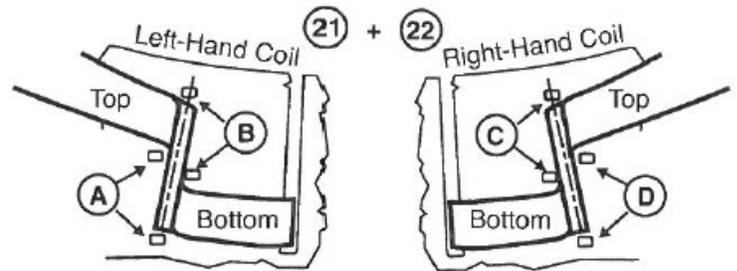
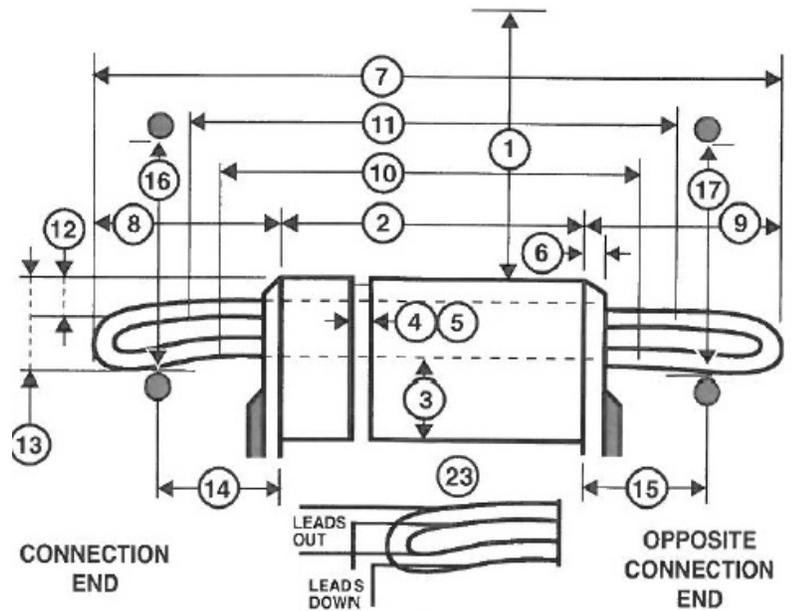
16. Connection support ring ID

17. Opp. Conn. Supp. Ring ID

18. Total slot depth

19. Slot depth under wedge

20. Slot width





### AC Stator Form Coil Data (Continued)

| Special Features        | Yes                                  | No  |
|-------------------------|--------------------------------------|---|
| Data change             | <input type="checkbox"/>             | <input type="checkbox"/>  |
| Coil support ring steel | <input type="checkbox"/>             | <input type="checkbox"/>  |
| Terrace wound           | <input type="checkbox"/>             | <input type="checkbox"/>  |
| Corona Protection       | <input type="checkbox"/>             | <input type="checkbox"/>  |
| RTDs                    | <input type="checkbox"/>             | <input type="checkbox"/>  |
| Ohms Qty                |                                      |   |
| Hermetic                | <input type="checkbox"/>             | <input type="checkbox"/>  |
| Slot paper used         | <input type="checkbox"/>             | <input type="checkbox"/>  |
| Insulation class        | <input type="checkbox"/> B           | <input type="checkbox"/> F <input type="checkbox"/> H               |
|                         | <input type="checkbox"/> VPI         | <input type="checkbox"/> Dip & Bake <input type="checkbox"/> Sealed |
|                         | <input type="checkbox"/> Leads taped | <input type="checkbox"/> Leads sleeved                              |

