



MILLINGTON, TN

LITTLE ROCK, AR

## Job Information

Job #: 139827

Date: October 8, 2019

Priority: —

Authorized OT: No

Authorized by:

## Customer Information

Name: KTG

Motor#: 139826

## Name Plate Information

Manufacturer: Baldor

Enclosure : Totally Enclosed  
Fan Cooled

Horsepower/kW: 75

Serial#: RAP7154423004

Model#:

Service Factor:

Frame: 365T

Rated RPM: 1775

Rated Voltage: 230/460

Phase: 3

Rated Amps: 170.2/85.1

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	85.01	210	0.94	9

## Conclusion

Service Tech name: Shawn

Service Tech signature:

#### WEST TENNESSEE

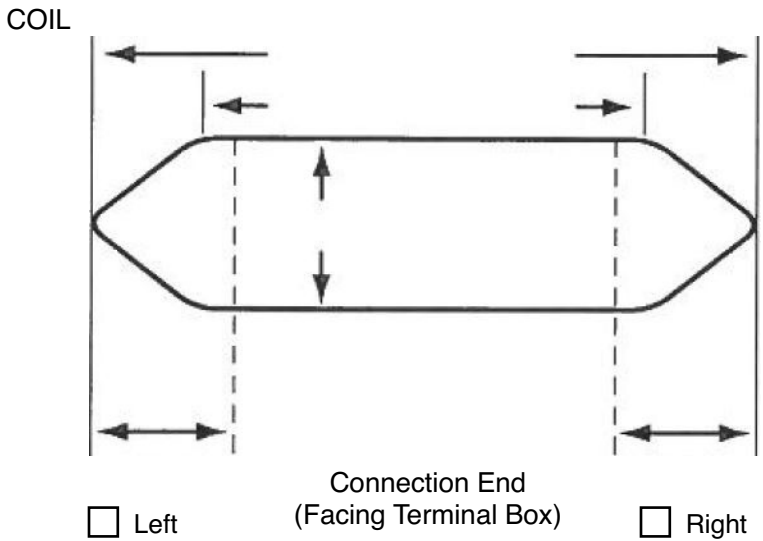
7030 Ryburn Drive  
Millington, TN 38053  
Phone 901-873-5300  
Fax 901-873-5301

#### CENTRAL ARKANSAS

6812 Lindsey Rd.  
Little Rock, AR 72206  
Phone 501-375-9178  
Fax 501-375-4254

# Polyphase AC Winding

Polyphase Date:

Hp/kw:	75	RPM:	1775	Poles:	Manufacturer:	Baldor
Slots:	48	Type:		Volts:	230/460	
Coils:	48	Model:		Amps:	170.2/85.1	
<div style="border: 1px solid black; padding: 5px; display: inline-block;"> 12 Of 4 Grouping Of </div>		Serial#:	RAP7154423004	Phase:	3	
		Lead marking:	1-12	Hertz:	60	
Turns/Coil:	9	Lead length:	12	C Rise:	Frame:	365T
Wire Size	19 21	Lead size:	6	Duty:	C AMB:	
Wire Mult.	8 2	Num.Leads:	12	Eff.:	Ins.Cls.:	
Pitch 1 to:	11	<input type="checkbox"/> DP <input checked="" type="checkbox"/> TEFC <input type="checkbox"/> XPRF <input type="checkbox"/> TENV    S.F.:				
Connection:	2&4YD	<div style="display: flex; align-items: center;"> <div style="margin-right: 20px;"> COIL   <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <input type="checkbox"/> Left <div>Connection End (Facing Terminal Box)</div> <input type="checkbox"/> Right </div> </div> </div>				
Jumper:						
Core length:	12.00					
Core ID:	9.0					
Back iron:	1.375					
Slot depth:	1.187					
Slot/tooth w:	0.312					
Wire weight:	60					
Vents:	Size					
Rotor bars:						



MILLINGTON, TN

LITTLE ROCK, AR

**Single Phase**

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

Hp/kw: 75

RPM: 1775

Manufacturer: Baldor

Run

Start

Type:

Volts: 230/460

Model:

Amps: 170.2/85.1

Style:

Hertz:

Form:

Frame:

No. Slots

No. Poles

Coils/pole

Dwg No.

C Rise:

Hrs.:

Cap. Mfd.:

Wire Size

Serial#: RAP7154423004

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: KTG

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

**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

## 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

Slot.    7.0  
Tip.    1.8  
Pitch.    13.8
