



MILLINGTON, TN

LITTLE ROCK, AR

## Job Information

Job #: 95401

Date: May 23, 2019

Priority: —

Authorized OT: No

Authorized by:

## Customer Information

Name: Stuttgart Flour

Motor#:

## Name Plate Information

Manufacturer:	Marathon	Enclosure :	Open Drop Proof (ODP)	Horsepower/kW:	500
Serial#:	WAA063778	Model#:	JJ449THN17062A A	Service Factor:	1.15
Frame:	449T	Rated RPM:	1788	Rated Voltage:	460
Phase:	3	Rated Amps:	550	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	84.754	0.581	3.127	333
After burnout	85.063	0.612	3.195	289

## Conclusion

Service Tech name: RHR

Service Tech signature:



#### WEST TENNESSEE

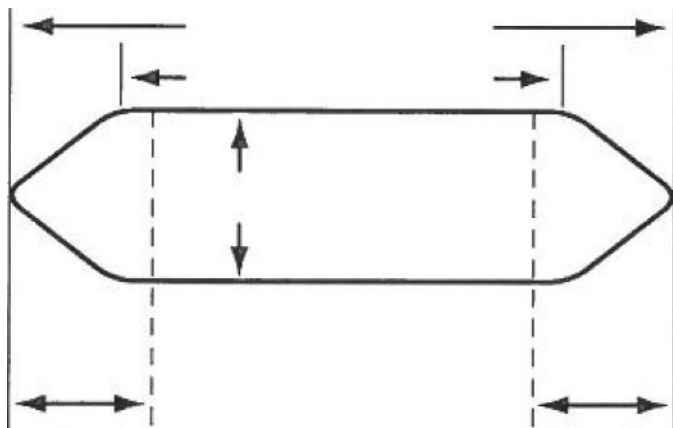
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# Polyphase AC Winding

Polyphase Date: May 23, 2019

Hp/kw:	500	RPM:	1788	Poles:	449	Manufacturer:	Marathon
Slots:	72	Type:		TDS	Volts:	460	
Coils:	72	Model:	JJ449THN17062AA	Amps:	550		
<div style="border: 1px solid black; padding: 5px; display: inline-block;"> 12 Of 6 Grouping Of </div>		Serial#:	WAA063778	Phase:	3		
		Lead marking:	1-1-1-1-2-2-2-3-3-3-3	Hertz:	60		
Turns/Coil:	3	Lead length:	16	C Rise:		Frame:	449T
Wire Size	16 17	Lead size:	2	Duty:		C AMB:	
Wire Mult.	15 14	Num.Leads:	12	Eff.:		Ins.Cls.:	
Pitch 1 to:	14	<input type="checkbox"/> DP	<input type="checkbox"/> TEFC	<input type="checkbox"/> XPRF	<input type="checkbox"/> TENV	S.F.:	1.15
Connection:	4Y	<div style="display: flex; align-items: center;"> <div style="margin-right: 10px;">COIL</div>  </div>					
Jumper:							
Core length:	19.0						
Core ID:	12.75						
Back iron:	1.75						
Slot depth:	1.75						
Slot/tooth w:	0.274						
Wire weight:	317	<div style="display: flex; justify-content: space-between;"> <div> <input checked="" type="checkbox"/> Left </div> <div> Connection End (Facing Terminal Box) </div> <div> <input type="checkbox"/> Right </div> </div>					
Vents:	Size						
Rotor bars:							



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**Single Phase**

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

Hp/kw: 500

RPM: 1788

Manufacturer: Marathon

Run

Start

Type:

Volts: 460

Model: JJ449THN17062AA

Amps: 550

No. Slots

Style:

Hertz:

No. Poles

Form:

Frame:

Coils/pole

Dwg No.

C Rise:

Hrs.:

Cap. Mfd.:

Wire Size

Serial#: WAA063778

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: Stuttgart Flour

(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
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Data change	<input type="checkbox"/>	<input type="checkbox"/>
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Coil support ring steel	<input type="checkbox"/>	<input type="checkbox"/>
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Terrace wound	<input type="checkbox"/>	<input type="checkbox"/>
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Corona Protection	<input type="checkbox"/>	<input type="checkbox"/>
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RTDs	<input type="checkbox"/>	<input type="checkbox"/>
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Ohms Qty		
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Hermetic	<input type="checkbox"/>	<input type="checkbox"/>
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Slot paper used	<input type="checkbox"/>	<input type="checkbox"/>
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Insulation class	<input type="checkbox"/> B	<input type="checkbox"/> F	<input type="checkbox"/> H
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<input type="checkbox"/> VPI	<input type="checkbox"/> Dip & Bake	<input type="checkbox"/> Sealed
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<input type="checkbox"/> Leads taped	<input type="checkbox"/> Leads sleeved
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Comments

