



MILLINGTON, TN

LITTLE ROCK, AR

Job Information

Job #: 93593

Date: December 14, 2017

Priority: —

Authorized OT: No

Authorized by:

Customer Information

Name: Huber

Motor#:

Name Plate Information

Manufacturer:	Marathon	Enclosure :	Open Drop Proof (ODP)	Horsepower/kW:	100
Serial#:	Waa0210404	Model#:	405tstfs6501du	Service Factor:	
Frame:	405ts	Rated RPM:	3565	Rated Voltage:	480
Phase:	3	Rated Amps:	108	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



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				

Conclusion

Service Tech name: RHR

Service Tech signature:

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Polyphase AC Winding

Polyphase Date:

Hp/kw: 100

RPM: 3565

Poles:

2 Manufacturer: Marathon

Slots: 48

Type:

Volts: 480

Coils: 48

Model: 405tsfs6501du

Amps: 108

6 Of 8

Serial#: Waa0210404

Phase: 3

Grouping

Of

Lead marking:

Hertz: 60

Turns/Coil: 9

Lead length: 12 C Rise: Frame: 405TS

Wire Size 16 17

Lead size: 2 Duty: Cont C AMB:

Wire Mult. 4 5

Num.Leads: 3 Eff.: Ins.Cls.:

Pitch 1 to: 16

☐ DP ☐ TEFC ☐ XPRF ☐ TENV S.F.: 1.15

Connection: 2d

Jumper:

Core length: 8.5

Core ID: 10.

Back iron: 1.875

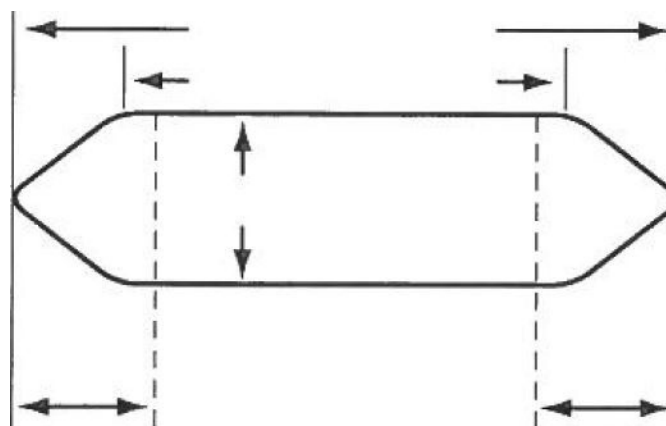
Slot depth: 1.625

Slot/tooth w: 0.254

Wire weight: 132

Vents: Size

COIL


☒ Left

Connection End
(Facing Terminal Box)

☐ Right

Rotor bars:



MILLINGTON, TN

LITTLE ROCK, AR

Single Phase

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

Hp/kw: 100

RPM: 3565

Manufacturer: Marathon

Run

Start

Type:

Volts: 480

Model: 405tstfs6501du

Amps: 108

Style:

Hertz:

Form:

Frame:

No. Slots

No. Poles

Coils/pole

Dwg No.

C Rise:

Hrs.:

Cap. Mfd.:

Wire Size

Serial#: Waa0210404

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: Huber

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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





MILLINGTON, TN

LITTLE ROCK, AR

Job Information

Job #: 93811

Date: January 6, 2018

Priority: —

Authorized OT: No

Authorized by:

Customer Information

Name: Sagefood

Motor#:

Name Plate Information

Manufacturer:	Zoellerpump	Enclosure :	Open Drop Proof (ODP)	Horsepower/kW:	7.5
Serial#:	22631	Model#:	G6221-A	Service Factor:	
Frame:	Na	Rated RPM:	1750	Rated Voltage:	460
Phase:	3	Rated Amps:	11.0	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:

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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				

Conclusion

Service Tech name: RHR

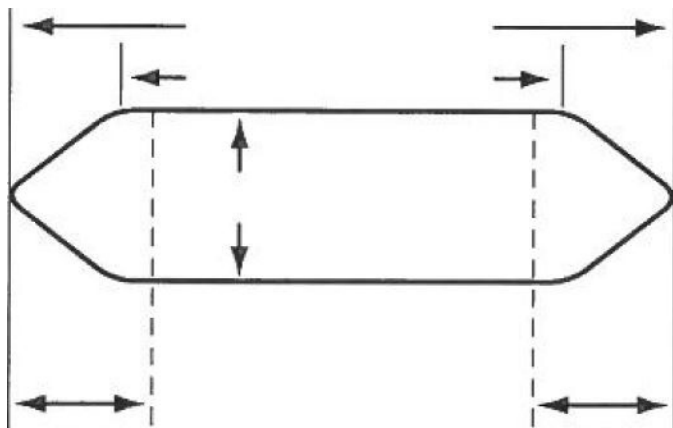
Service Tech signature:

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Polyphase AC Winding

Polyphase Date:

Hp/kw:	7.5	RPM:	1750	Poles:	4	Manufacturer:	Zoellerpump
Slots:	36	Type:		Volts:	460		
Coils:	24	Model:	G6221-A	Amps:	11.0		
<div style="border: 1px solid black; padding: 5px; display: inline-block;"> 12 Of 2 Grouping Of </div>		Serial#:	22631	Phase:	3		
		Lead marking:		Hertz:	60		
Turns/Coil:	2040	Lead length:	16	C Rise:		Frame:	NA
Wire Size	20	Lead size:	18	Duty:		C AMB:	
Wire Mult.	2	Num. Leads:	3	Eff.:		Ins. Cls.:	
Pitch 1 to:	79	<input type="checkbox"/> DP <input type="checkbox"/> TEFC <input type="checkbox"/> XPRF <input type="checkbox"/> TENV S.F.:					
Connection:	1Y	<div style="display: flex; align-items: center;"> <div style="margin-right: 10px;">COIL</div>  </div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <input checked="" type="checkbox"/> Left Connection End (Facing Terminal Box) <input type="checkbox"/> Right </div>					
Jumper:	14						
Core length:	3.25						
Core ID:	4.625						
Back iron:	0.625						
Slot depth:	0.625						
Slot/tooth w:	0.205						
Wire weight:	7.						
Vents:	Size						
Rotor bars:							



MILLINGTON, TN

LITTLE ROCK, AR

Single Phase

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

Hp/kw: 7.5

RPM: 1750

Manufacturer: Zoellerpump

	Run	Start	Type:	Volts:	460
No. Slots			Model: G6221-A	Amps:	11.0
No. Poles			Style:	Hertz:	
Coils/pole			Form:	Frame:	
Dwg No.			C Rise:	Hrs.:	Cap. Mfd.:
Wire Size			Serial#: 22631		
Wires in par.			Duty: —	<input type="checkbox"/> BB	<input type="checkbox"/> 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: Sagefood

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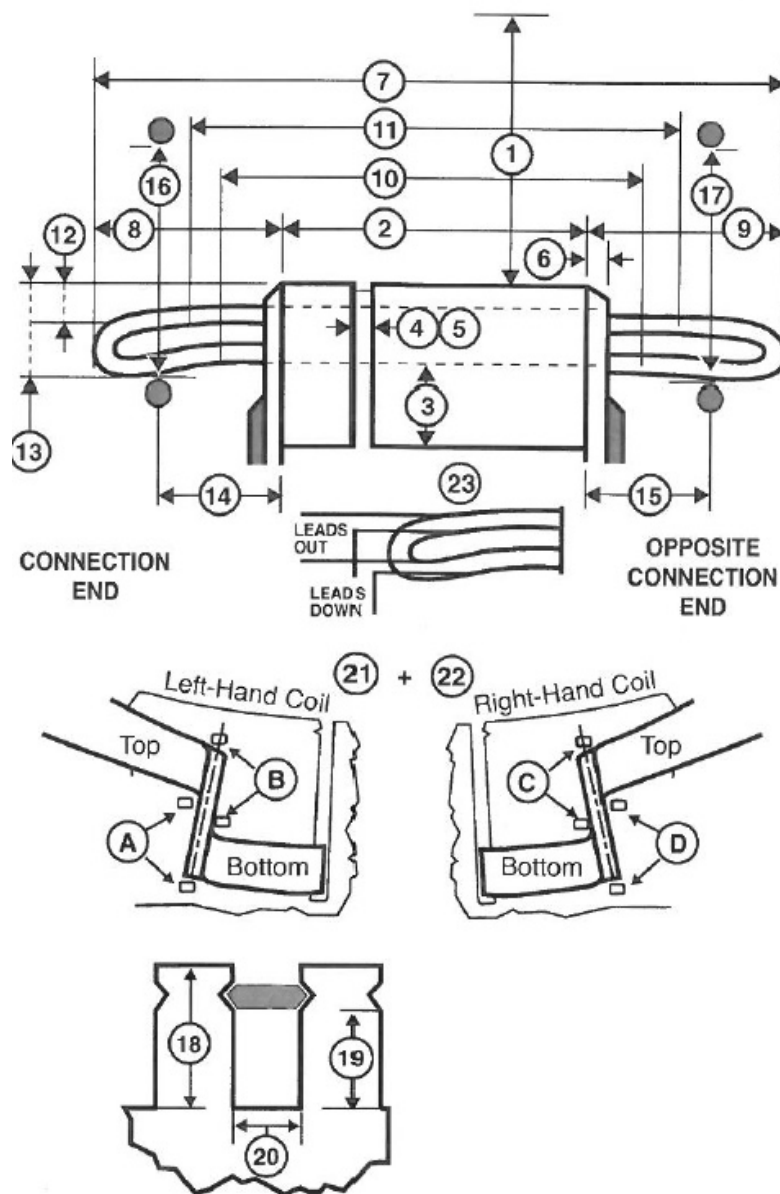
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20. Slot width

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

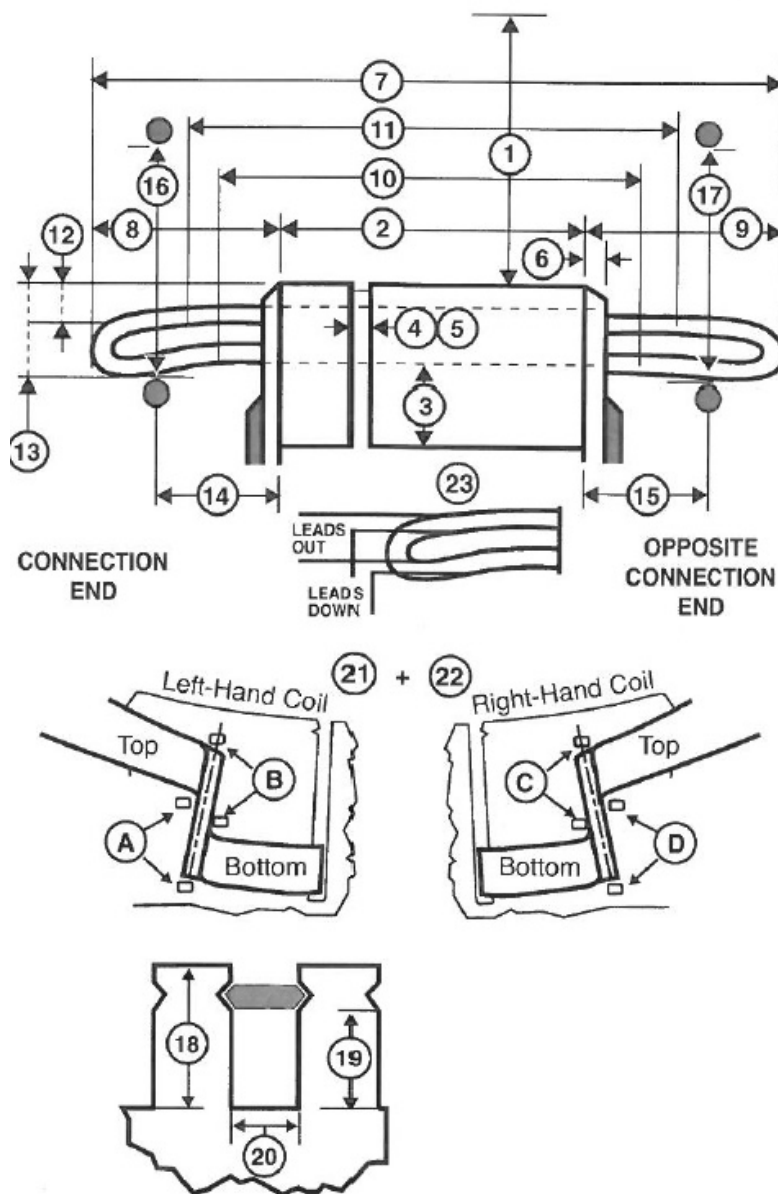
32. Strand insulation

☐ 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

