



MILLINGTON, TN

LITTLE ROCK, AR

Job Information

Job #: 141404

Date: March 10, 2020

Priority: —

Authorized OT: No

Authorized by:

Customer Information

Name: Process and Power

Motor#:

Name Plate Information

Manufacturer:	Worldwide Electric	Enclosure :	Totally Enclosed Fan Cooled	Horsepower/kW:	400
Serial#:	10015 GHJ	Model#:	WWE400-18-586/7 UZ	Service Factor:	
Frame:	586 TDZ	Rated RPM:	1739	Rated Voltage:	460
Phase:	3	Rated Amps:	430	Cycles:	60

Special design: No

AC Electrical Inspection

Megs after rewind:	Good	Surge after rewind:	Good	Hi-pot after rewind:	Good
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Core loss:	Good	Thermistors:	None	Thermostat:	None
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RTD:	None	ohms at	degrees C
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Motor Heater(s) Present:	No	Qty:	Voltage:	Wattage:
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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	84.82	1310	1.60	

Conclusion

Service Tech name: Kelly Felts

Service Tech signature:

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Polyphase AC Winding

Polyphase Date: March 10, 2020

Hp/kw:	400	RPM:	1739	Poles:	4	Manufacturer:	Worldwide Electric
Slots:	48	Type:		Volts:	460		
Coils:	48	Model:	WWE400-18-586/7UZ	Amps:	430		
<div style="border: 1px solid black; padding: 5px; display: inline-block;"> 12 Of 46 Grouping Of </div>		Serial#:	10015 GHJ	Phase:	3		
		Lead marking:	1,2,3,4,5,6	Hertz:	60		

Turns/Coil:	6	Lead length:	8	C Rise:		Frame:	586 TDZ
Wire Size	15	Lead size:	01	Duty:		C AMB:	
Wire Mult.	14	Num. Leads:	6	Eff.:		Ins. Cls.:	
Pitch 1 to:	16	<input type="checkbox"/> DP	<input checked="" type="checkbox"/> TEFC	<input type="checkbox"/> XPRF	<input type="checkbox"/> TENV	S.F.:	1.21

Connection: 4Y/4D

Jumper:

Core length: 15

Core ID: 15.75

Back iron: 1.75

Slot depth: 1.75

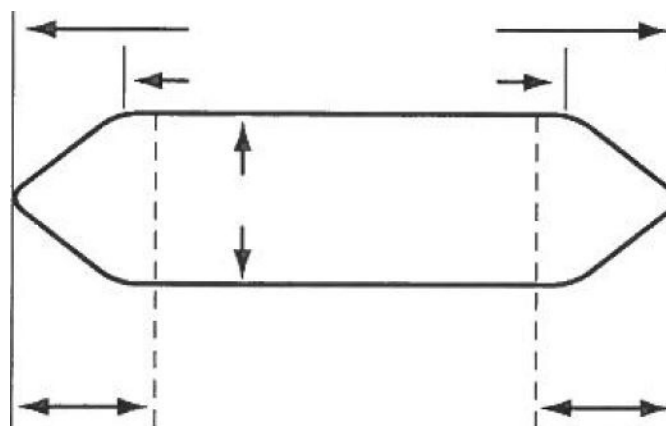
Slot/tooth w: 0.27

Wire weight: 331

Vents: 25.2 Size 11.4

Rotor bars: 3.0

COIL


☐ Left

Connection End
(Facing Terminal Box)

☐ Right



MILLINGTON, TN

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

Hp/kw: 400

RPM: 1739

Manufacturer: Worldwide Electric

Run

Start

Type:

Volts: 460

Model: WWE400-18-586/7UZ

Amps: 430

Style:

Hertz:

Form:

Frame:

No. Slots

No. Poles

Coils/pole

Dwg No.

C Rise:

Hrs.:

Cap. Mfd.:

Wire Size

Serial#: 10015 GHJ

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 and 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
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	<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		
Comments		
Winding setting		
Iron 25.2		
Span 11.4		
E.R. 3.0		

