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

Core loss: Good Thermistors: None Thermostat: None

RTD: None ohms at degrees C

Motor Heater(s) Present: No Qty: Voltage: Wattage:

AC Electrical Inspection (Continued)

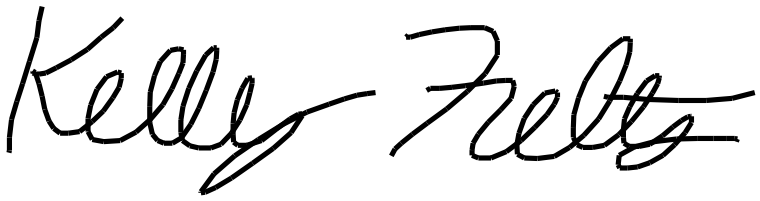
Core Test Data

	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:

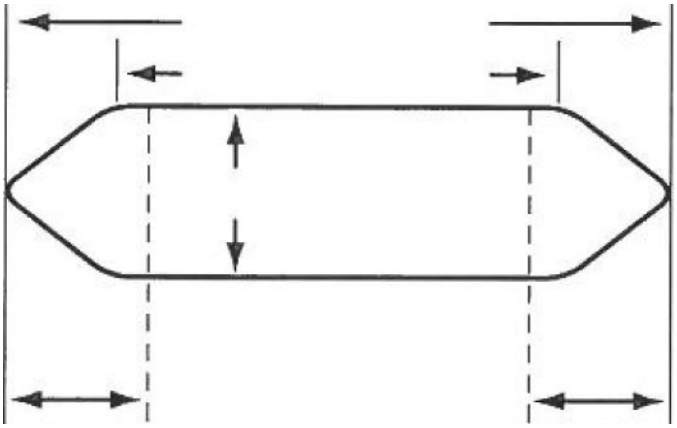


Polyphase AC Winding

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
Grouping	12 Of 46 Of	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	☐ DP	☑ TEFC	☐ XPRF	☐ 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:	398						
Vents:	25.2	Size	11.4				
Rotor bars:	3.0						

COIL



Connection End
(Facing Terminal Box)

☐ Left ☐ Right

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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

Single Phase

Split Phase ☐

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

Hp/kw: 400 RPM: 1739 Manufacturer: Worldwide Electric

	Run	Start
No. Slots		
No. Poles		
Coils/pole		
Dwg No.		
Wire Size		
Wires in par.		
No. Circuits		
Coil Ext.		
Stator Bore		

Type: Volts: 460

Model: WWE400-18-586/7UZ Amps: 430

Style: Hertz:

Form: Frame:

C Rise: Hrs.: Cap. Mfd.:

Serial#: 10015 GHJ

Duty: — ☐ BB ☐ SB

Open: —

Sta.length: Sta.b.i.:

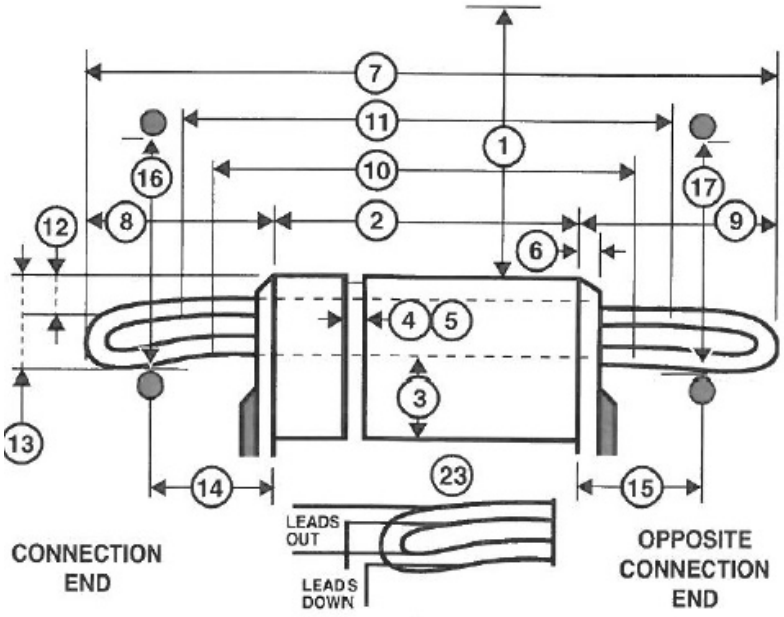
Running	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Slot No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Starting	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

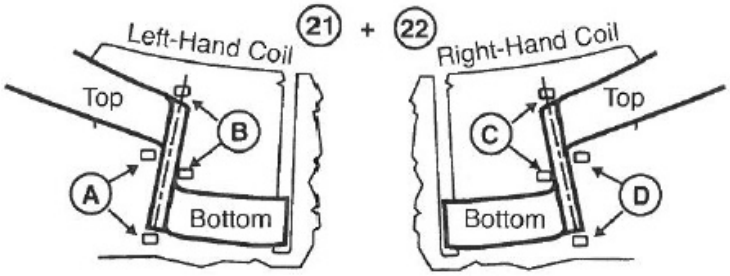
Customer: Process and Power

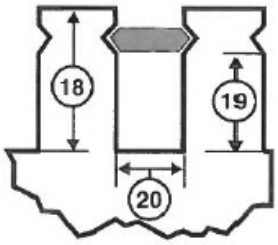
(Please return a copy to EASA Headquarters, 1331 Baur Blvd., St. Louis, MO 63132)

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. Connnection 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







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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

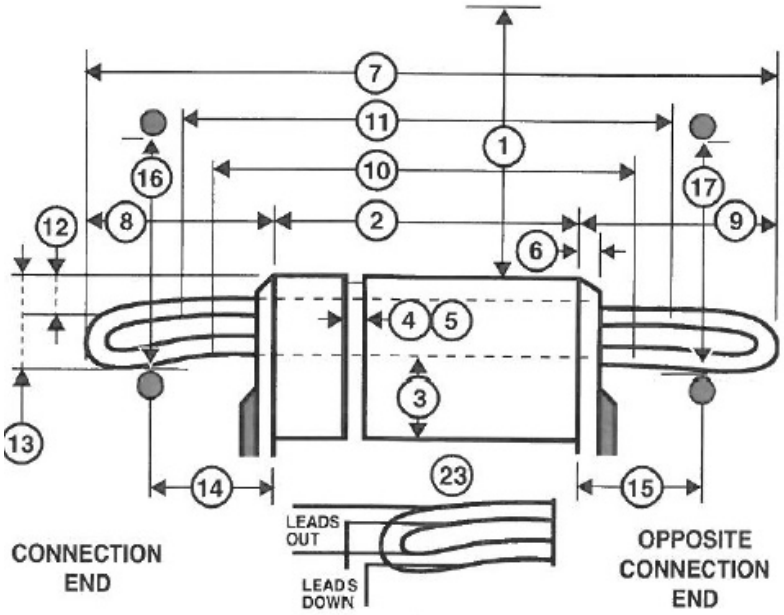
☐ Film ☐ Glass ☐ Mica ☐ Bare ☐ Other

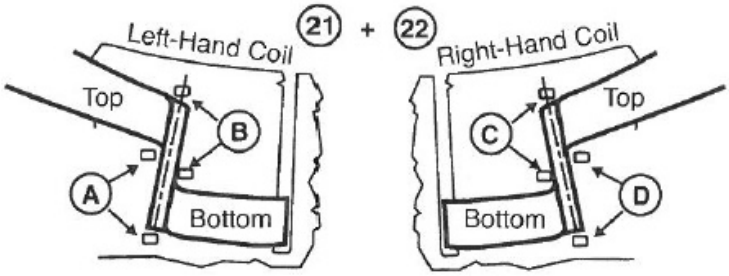
33. Coil weight Lbs.

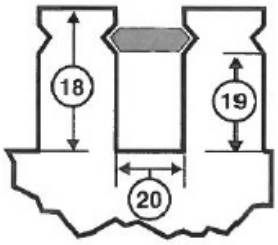
34. Groups of Coils

Groups of Coils

35. Iron skewed ☐ Right ☐ Left in







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AC Stator Form Coil Data (Continued)

Special Features	Yes	No
Data change	☐	☐
Coil support ring steel	☐	☐
Terrace wound	☐	☐
Corona Protection	☐	☐
RTDs	☐	☐

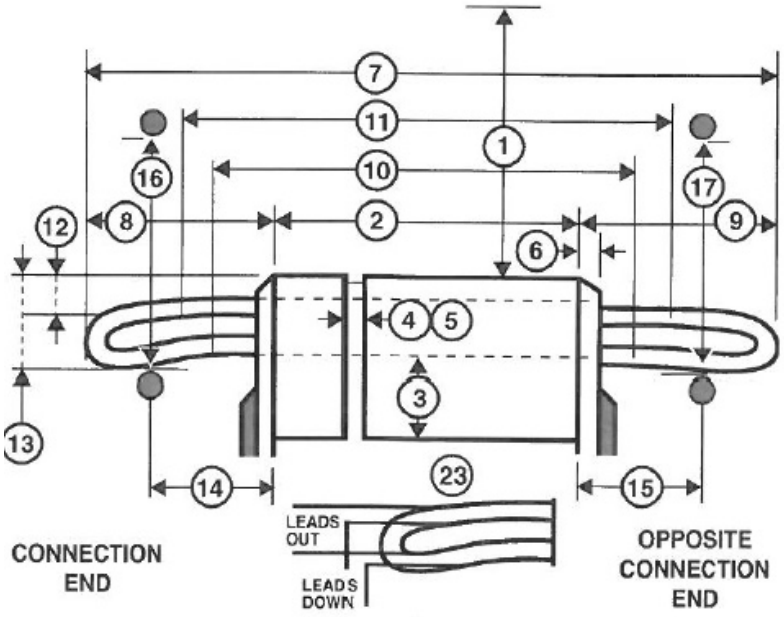
Ohms Qty

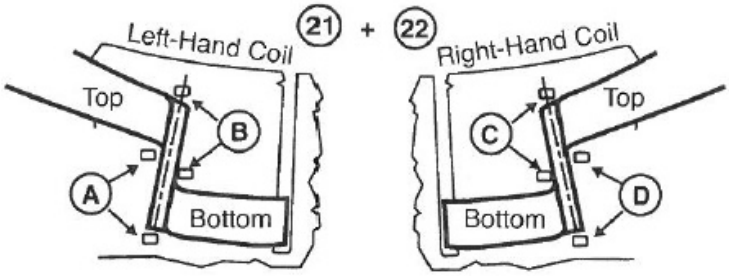
Hermetic	☐	☐
Slot paper used	☐	☐

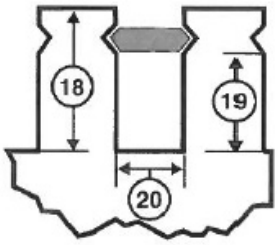
Insulation class ☐ B ☐ F ☐ H

☐ VPI ☐ Dip & Bake ☐ Sealed

☐ Leads taped ☐ Leads sleeved







Comments

Winding setting

Iron 25.2
Span 11.4
E.R. 3.0

398 Pounds #15

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