



MILLINGTON, TN

LITTLE ROCK, AR

## Job Information

Job #: 139730

Date: May 16, 2019

Priority: —

Authorized OT: No

Authorized by:

## Customer Information

Name: Hershey

Motor#:

## Name Plate Information

Manufacturer: AEG                      Enclosure : Open Drop Proof (ODP)                      Horsepower/kW: 2.2 kw  
Serial#: 1005644                      Model#: AMEE100LAA4                      Service Factor:  
Frame: 100L                      Rated RPM: 1740                      Rated Voltage: 460  
Phase: 3                      Rated Amps: 4.9                      Cycles:  
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



## AC Electrical Inspection (Continued)

### Core Test Data

	Flux	Watts	Watts loss per lb	Condition of iron
Before burnout				
After burnout		0.04	2.45	9

## Conclusion

Service Tech name: Kev f

Service Tech signature:

### Polyphase AC Winding

First Speed

Polyphase Date:

Hp/kw: 2.2 kw RPM: 1740

Manufacturer: AEG

Slots: 36 Poles: 4

Type:

Volts: 460

Coils: 36

Model: AMEE100LAA4

Amps: 4.9

Grouping **12** Of **3**  
 Of

Serial#: 1005644

Phase: 3

Lead marking:

Hertz:

Turns/Coil: 20

Lead length:

C Rise:

Frame:

Wire Size 21 21.5

Lead size:

Duty:

C AMB:

Wire Mult. 1 1

Num. Leads:

Eff.:

Ins. Cls.:

Pitch 1 to: 9

DP

TEFC

XPRF

TENV

S.F.:

Connection: 1Y

COIL

Jumper:

Core length: 4.875

Core ID: 3.375

Back iron: 0.562

Slot depth: 0.625

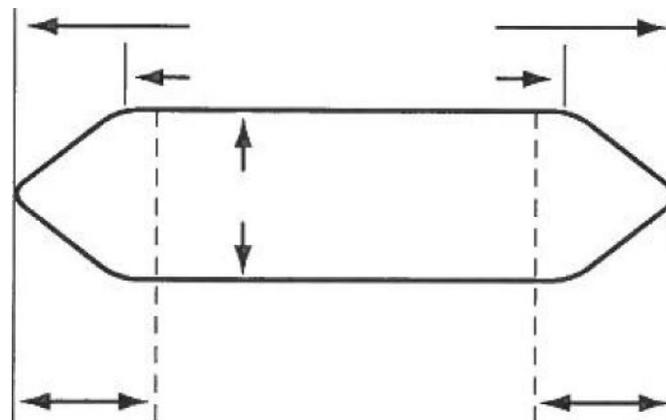
Slot/tooth w: 0.187

Wire weight: 6

Left

Connection End  
(Facing Terminal Box)

Right



Slot: 31

Tip: 7.6

Pitch:





MILLINGTON, TN

LITTLE ROCK, AR

### Single Phase

Split Phase  
 Capacitor:     Start             Start & Run             Perm. Split

Hp/kw: 2.2 kw            RPM: 1740            Manufacturer: AEG

	Run	Start	Type:	Volts: 460	
No. Slots			Model: AMEE100LAA4	Amps: 4.9	
No. Poles			Style:	Hertz:	
Coils/pole			Form:	Frame:	
Dwg No.			C Rise:	Hrs.:	Cap. Mfd.:
Wire Size			Serial#: 1005644		
Wires in par.			Duty: —	<input type="checkbox"/> BB	<input type="checkbox"/> SB
No. Circuits			Open: —		
Coil Ext.			Sta.length:	Sta.b.i.:	
Stator Bore					

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Running

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

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Starting

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Customer: Hershey

(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. Connection 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

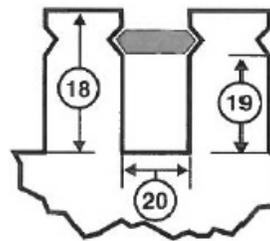
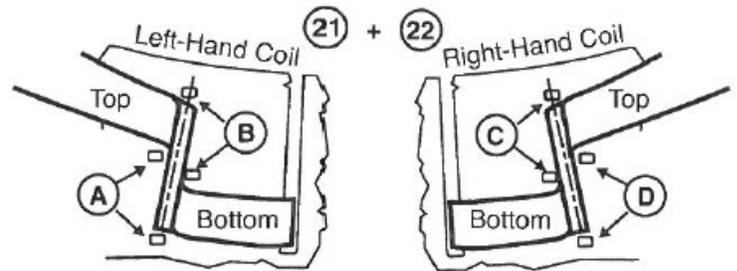
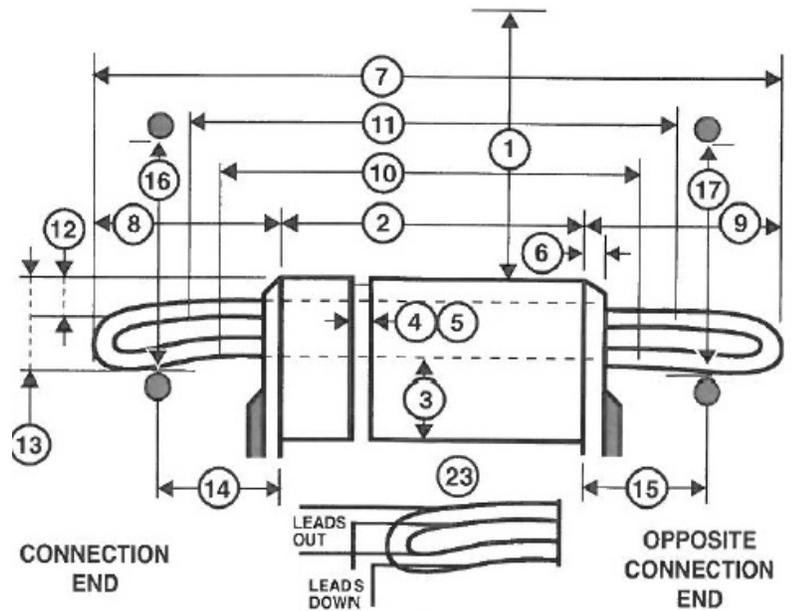
16. Connection support ring ID

17. Opp. Conn. Supp. Ring ID

18. Total slot depth

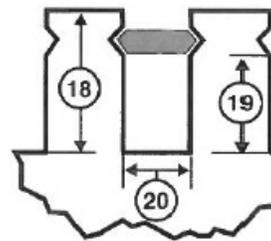
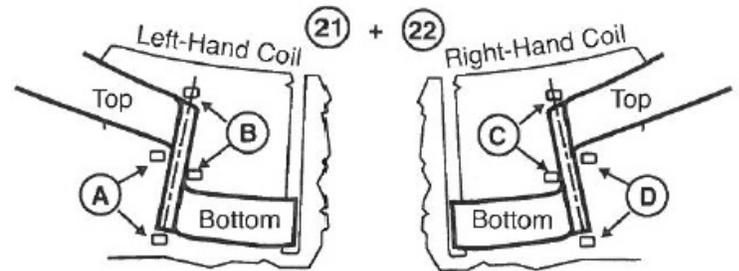
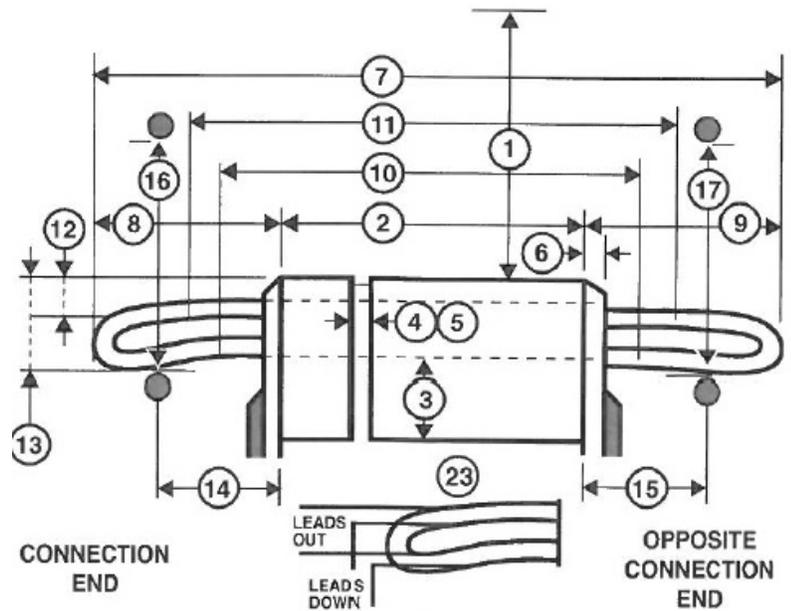
19. Slot depth under wedge

20. Slot width



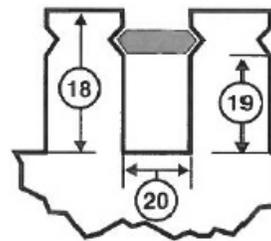
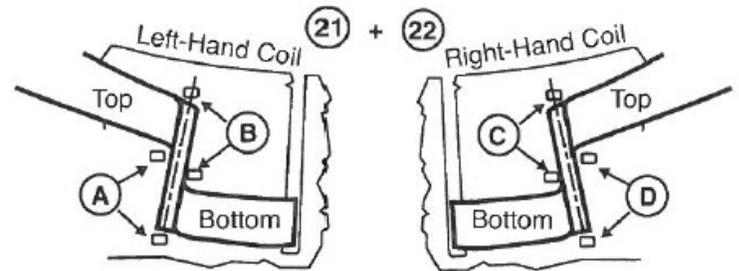
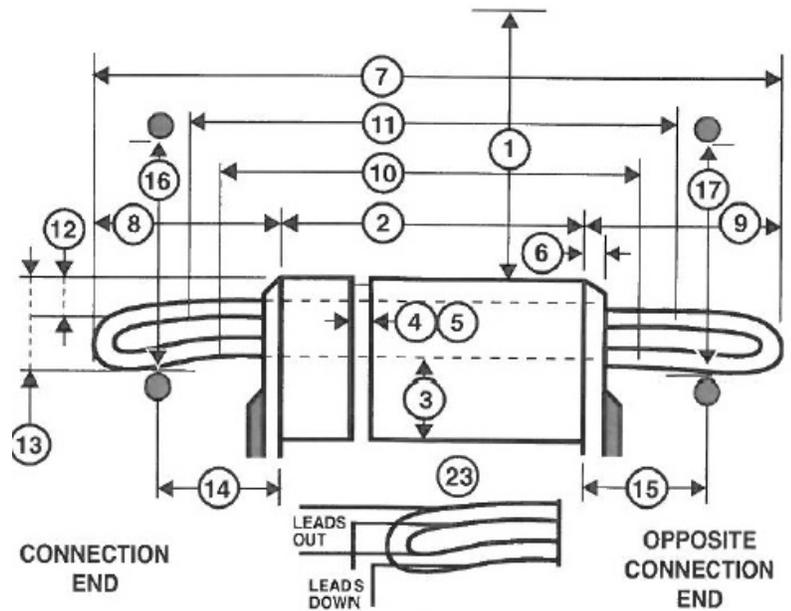
### AC Stator Form Coil Data (Continued)

- 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