



MILLINGTON, TN

LITTLE ROCK, AR

## Job Information

Job #: 137949

Date: August 23, 2018

Priority: —

Authorized OT: No

Authorized by:

## Customer Information

Name: Moodiness

Motor#:

## Name Plate Information

Manufacturer: P&H

Enclosure : Open Drop Proof (ODP)

Horsepower/kW: 4

Serial#: 67z201

Model#: N215T17NM2

Service Factor:

Frame: F215T

Rated RPM: 1700

Rated Voltage: 230/460

Phase: 3

Rated Amps: 11.6/5.8

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	85.42	1000	3.56	10

## Conclusion

Service Tech name: Kev f

Service Tech signature:

### Polyphase AC Winding

First Speed

Polyphase Date:

Hp/kw: 4      RPM: 1700

Manufacturer: P&H

Slots: 36  
Poles:

Type:

Volts: 230/460

Coils: 36

Model: N215T17NM2

Amps: 11.6/5.8

12	Of 3
Grouping	Of

Serial#: 67z201

Phase: 3

Lead marking:

Hertz:

Turns/Coil: 22

Lead length: 12      C Rise:

Frame:

Wire Size 19

Lead size: 14      Duty:

C AMB:

Wire Mult. 2

Num. Leads: 9      Eff.:

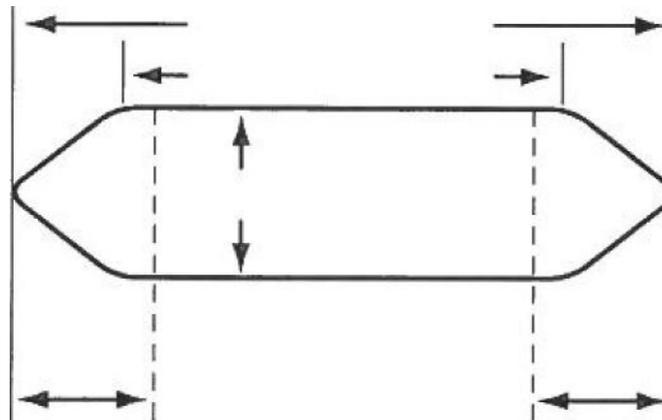
Ins. Cls.:

Pitch 1 to: 9

DP     TEFC     XPRF     TENV    S.F.:

Connection: 1+2Y

COIL



Connection End  
(Facing Terminal Box)

Left

Right

Jumper:

Core length: 3.125

Core ID: 5.375

Back iron: 1.125

Slot depth: 0.750

Slot/tooth w: 0.250

Wire weight: 12

Slot: 6.8

Tip: #34

Pitch:





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### Single Phase

Split Phase  
 Capacitor:     Start         Start & Run         Perm. Split

Hp/kw: 4                      RPM: 1700                      Manufacturer: P&H

	Run	Start	Type:	Volts:	230/460	
No. Slots			Model:	N215T17NM2	Amps:	11.6/5.8
No. Poles			Style:		Hertz:	
Coils/pole			Form:		Frame:	
Dwg No.			C Rise:	Hrs.:	Cap. Mfd.:	
Wire Size			Serial#:	67z201		
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: Moodiness

(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

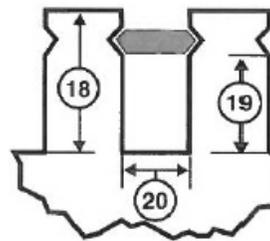
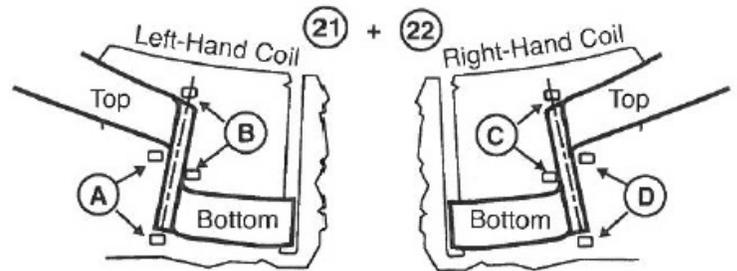
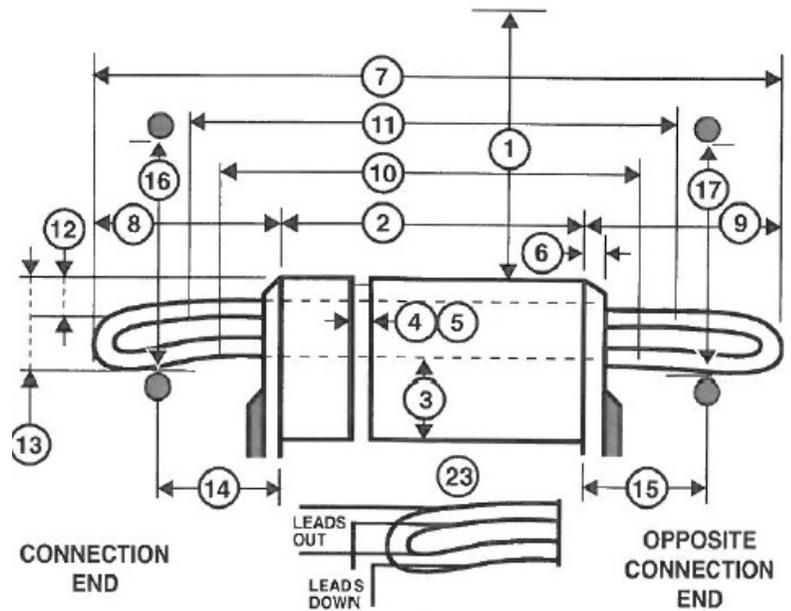
16. Connection support ring ID

17. Opp. Conn. Supp. Ring ID

18. Total slot depth

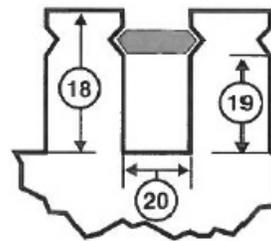
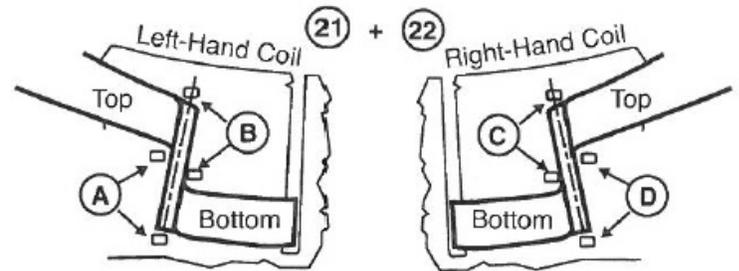
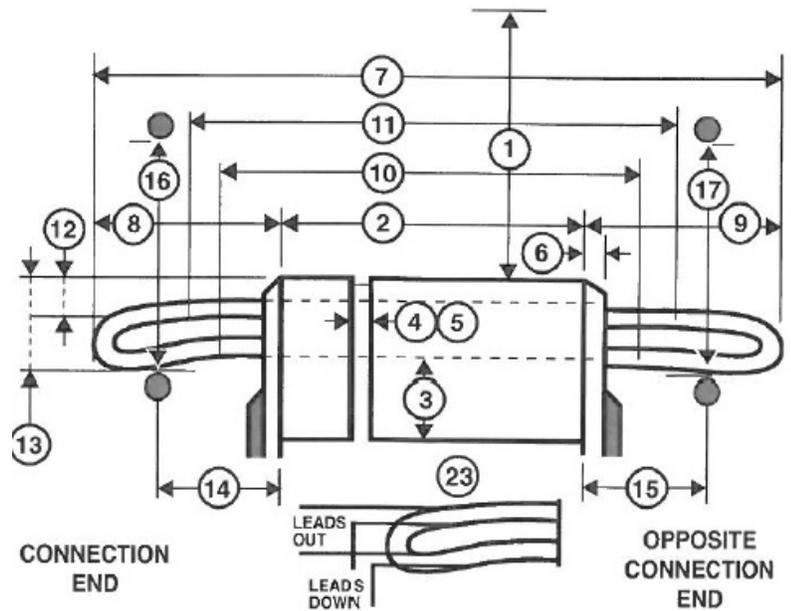
19. Slot depth under wedge

20. Slot width



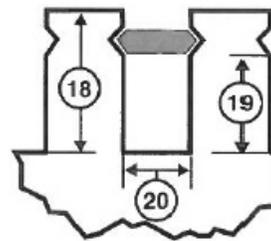
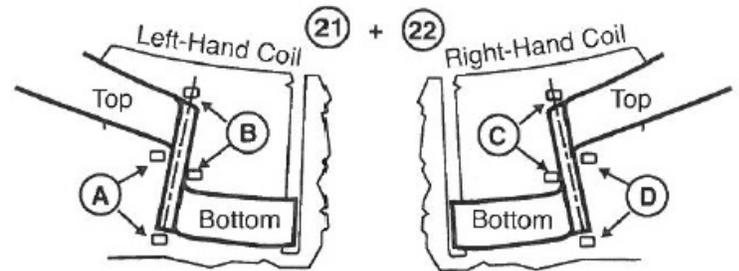
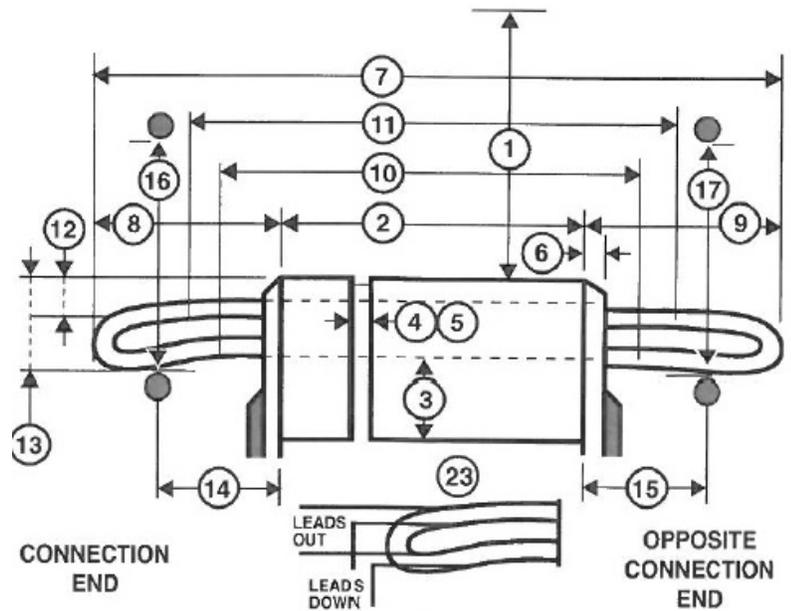
### AC Stator Form Coil Data (Continued)

- 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