



MILLINGTON, TN

LITTLE ROCK, AR

## Job Information

Job #: 138661

Date: December 13, 2018

Priority: —

Authorized OT: No

Authorized by:

## Customer Information

Name: KTG

Motor#:

## Name Plate Information

Manufacturer: SIEMENS

Enclosure : Open Drop Proof (ODP)

Horsepower/kW: 45KW

Serial#: 1LE15032BA235AB4

Model#:

Service Factor:

Frame: 225M

Rated RPM: 3560

Rated Voltage: 480

Phase: 3

Rated Amps: 74

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



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## AC Electrical Inspection (Continued)

### Core Test Data

	Flux	Watts	Watts loss per lb	Condition of iron
Before burnout				
After burnout	85.22	340	1.76	10

## Conclusion

Service Tech name: Kdf

Service Tech signature:

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# Polyphase AC Winding

First Speed

Polyphase Date:

Hp/kw: 45KW RPM: 3560

Manufacturer: SIEMENS

Slots: 36 Poles: 2

Type:

Volts: 480

Coils: 36

Model:

Amps: 74

Serial#: 1LE15032BA235AB4

Phase: 3

Lead marking:

1-6 Hertz:

6 Of 6  
Grouping  
Of

Turns/Coil: 656565

Lead length: 12 C Rise: Frame:

Wire Size 17 16

Lead size: 8 Duty: C AMB:

Wire Mult. 8 4

Num.Leads: 6 Eff.: Ins.Cls.:

Pitch 1 to: 14

☐ DP ☒ TEFC ☐ XPRF ☐ TENV S.F.:

Connection: 1Y1D

Jumper:

Core length: 9.125

Core ID: 7.75

Back iron: 1.875

Slot depth: 1.0

Slot/tooth w: 0.375

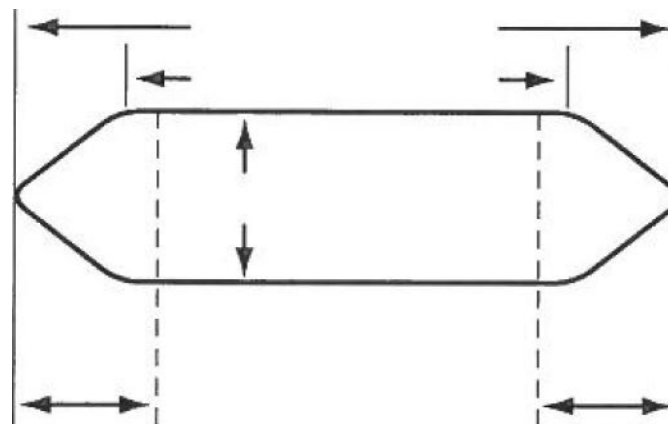
Wire weight: 80

Slot: 12.4

Tip: 3.4

Pitch: 9.0

COIL


☐ Left

Connection End  
(Facing Terminal Box)

☐ Right



MILLINGTON, TN

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**Single Phase**

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

Hp/kw: 45KW

RPM: 3560

Manufacturer: SIEMENS

	Run	Start	Type:	Volts:	480	
No. Slots			Model:	Amps:	74	
No. Poles			Style:	Hertz:		
Coils/pole			Form:	Frame:		
Dwg No.			C Rise:	Hrs.:	Cap. Mfd.:	
Wire Size			Serial#:	1LE15032BA235AB4		
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: KTG

(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

