



MILLINGTON, TN

LITTLE ROCK, AR

## Job Information

Job #: 139619

Date:

Priority: —

Authorized OT: No

Authorized by:

## Customer Information

Name: KTG

Motor#: 139619

## Name Plate Information

Manufacturer: TECO

Enclosure : Totally Enclosed  
Fan Cooled

Horsepower/kW: 75

Serial#: SYP7135623001

Model#: AEHH8N

Service Factor: 1.15

Frame: 405T

Rated RPM: 1180

Rated Voltage: 230/460

Phase: 3

Rated Amps: 72/85.9

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:

**WEST TENNESSEE**  
7030 Ryburn Drive  
Millington, TN 38053  
Phone 901-873-5300  
Fax 901-873-5301

**CENTRAL ARKANSAS**  
6812 Lindsey Rd.  
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## AC Electrical Inspection (Continued)

### Core Test Data

	Flux	Watts	Watts loss per lb	Condition of iron
Before burnout				
After burnout	85.62	320	1.35	6

## Conclusion

Service Tech name: Shawn

Service Tech signature:

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# Polyphase AC Winding

First Speed

Polyphase Date:

Hp/kw: 75 RPM: 1180

Manufacturer: TECO

Slots: 72 Poles: 6

Type:

Volts: 230/460

Coils: 72

Model: AEHH8N

Amps: 72/85.9

Serial#: SYP7135623001

Phase: 3

18 Of 4  
Grouping  
Of

Lead marking:

1-12 Hertz: 60

Turns/Coil: 11

Lead length: 18 C Rise: Frame: 405T

Wire Size 18 19

Lead size: 6 Duty: C AMB:

Wire Mult. 5 2

Num. Leads: 12 Eff.: Ins. Cls.:

Pitch 1 to: 11

☐ DP ☒ TEFC ☐ XPRF ☐ TENV S.F.: 1.15

Connection: 3+6YD

Jumper:

Core length: 13.25

Core ID: 11.0

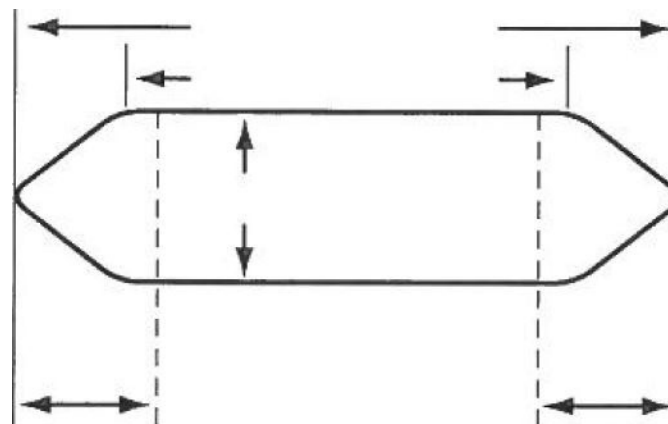
Back iron: 1.125

Slot depth: 1.312

Slot/tooth w: 0.187

Wire weight: 140

COIL


☒ Left

Connection End  
(Facing Terminal Box)

☐ Right

Slot:

Tip:

Pitch:



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**Single Phase**

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

Hp/kw: 75

RPM: 1180

Manufacturer: TECO

Run

Start

Type:

Volts: 230/460

Model: AEHH8N

Amps: 72/85.9

Style:

Hertz:

Form:

Frame:

No. Slots

No. Poles

Coils/pole

Dwg No.

C Rise:

Hrs.:

Cap. Mfd.:

Wire Size

Serial#: SYP7135623001

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: 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




# 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

