



MILLINGTON, TN

LITTLE ROCK, AR

Job Information

Job #: 139635

Date: May 3, 2019

Priority: —

Authorized OT: No

Authorized by:

Customer Information

Name: KTG

Motor#:

Name Plate Information

Manufacturer:	TECO	Enclosure :	Open Drop Proof (ODP)	Horsepower/kW:	10
Serial#:	KW411A46072MOT3 0105	Model#:	AEEANE	Service Factor:	
Frame:	215TZ	Rated RPM:	3510	Rated Voltage:	460
Phase:	3	Rated Amps:	11.6	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



MILLINGTON, TN

LITTLE ROCK, AR

AC Electrical Inspection (Continued)

Core Test Data

	Flux	Watts	Watts loss per lb	Condition of iron
Before burnout				
After burnout	84.69	70	1.97	10

Conclusion

Service Tech name: Kev f

Service Tech signature:

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MILLINGTON, TN

LITTLE ROCK, AR

Polyphase AC Winding

First Speed

Polyphase Date:

Hp/kw: 10 RPM: 3510

Manufacturer: TECO

Slots: 24 Poles: 2

Type:

Volts: 460

Coils: 24

Model: AEEANE

Amps: 11.6

6 Of 4
Grouping Of

Serial#: KW411A46072MOT30105

Phase: 3

Lead marking:

1-9 Hertz:

Turns/Coil: 26

Lead length: 12 C Rise: Frame: 215TZ

Wire Size

Lead size: 12 Duty: C AMB:

Wire Mult. 3

Num. Leads: 9 Eff.: Ins. Cls.:

Pitch 1 to: 10

☐ DP ☒ TEFC ☐ XPRF ☐ TENV S.F.:

Connection: 1&2 D

Jumper:

Core length: 4.4375

Core ID: 4.625

Back iron: 1.125

Slot depth: 0.750

Slot/tooth w: 0.312

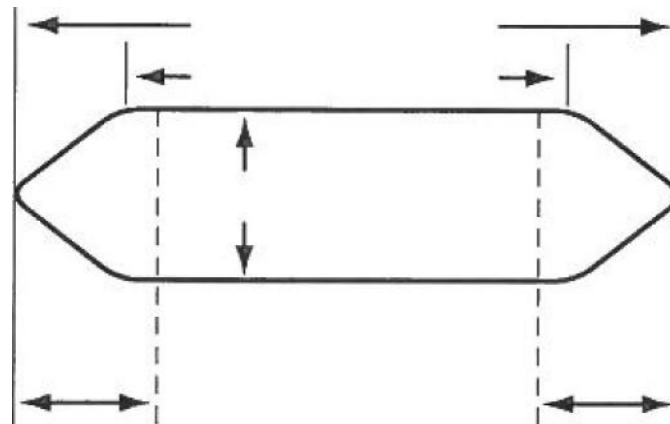
Wire weight: 14

Slot: 35

Tip: 9.0

Pitch:

COIL

☐ LeftConnection End
(Facing Terminal Box)☐ Right**WEST TENNESSEE**

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MILLINGTON, TN

LITTLE ROCK, AR

Single Phase

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

Hp/kw: 10

RPM: 3510

Manufacturer: TECO

	Run	Start	Type:	Volts:	460
No. Slots			Model: AEEANE	Amps:	11.6
No. Poles			Style:	Hertz:	
Coils/pole			Form:	Frame:	
Dwg No.			C Rise:	Hrs.:	Cap. Mfd.:
Wire Size			Serial#: KW411A46072MOT30105		
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	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Slot No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Starting	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

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

