



MILLINGTON, TN

LITTLE ROCK, AR

Job Information

Job #: 138119

Date: September 20, 2018

Priority: 2

Authorized OT: No

Authorized by:

Customer Information

Name: KTG

Motor#:

Name Plate Information

Manufacturer: HARTZEEL

Enclosure : Open Drop Proof (ODP)

Horsepower/kW: 2

Serial#: 1H1330

Model#: 139528

Service Factor:

Frame: 254

Rated RPM: 860

Rated Voltage: 440

Phase: 3

Rated Amps: 3.7

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



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	80	30	0.68	10

Conclusion

Service Tech name: Kelly

Service Tech signature:

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

Polyphase AC Winding

First Speed

Polyphase Date:

Hp/kw: 2 RPM: 860

Manufacturer: HARTZEEL

Slots: 36 Poles: 8

Type:

Volts: 440

Coils: 36

Model: 139528

Amps: 3.7

Serial#: 1H1330

Phase: 3

Lead marking:

Hertz:

Grouping
12 Of 2
12 Of 1

Turns/Coil: 33

Lead length: 12 C Rise: Frame: 254

Wire Size 19 20

Lead size: 12 Duty: C AMB:

Wire Mult. 1 1

Num. Leads: 3 Eff.: Ins. Cls.:

Pitch 1 to: 5

☒ DP ☐ TEFC ☐ XPRF ☐ TENV S.F.:

Connection: Y

Jumper:

Core length: 4.5

Core ID: 6.562

Back iron: 0.906

Slot depth: 1.187

Slot/tooth w: 0.253

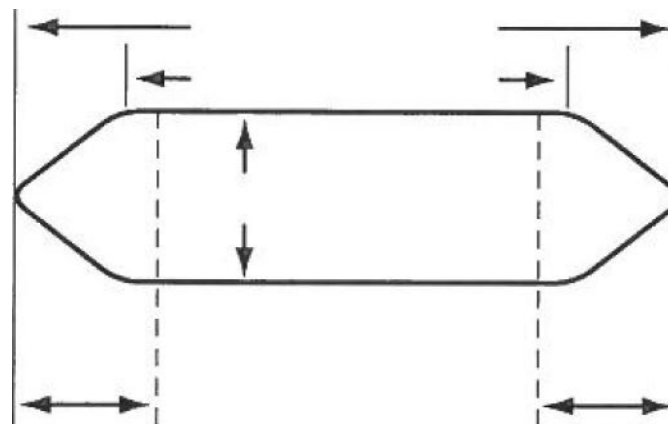
Wire weight: 16

Slot: 7.4

Tip: #32

Pitch:

COIL


☐ Left

Connection End
(Facing Terminal Box)

☐ Right



MILLINGTON, TN

LITTLE ROCK, AR

Single Phase

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

Hp/kw: 2

RPM: 860

Manufacturer: HARTZEEL

Run

Start

Type:

Volts: 440

Model: 139528

Amps: 3.7

Style:

Hertz:

Form:

Frame:

No. Slots

No. Poles

Coils/pole

Dwg No.

C Rise:

Hrs.:

Cap. Mfd.:

Wire Size

Serial#: 1H1330

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)

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 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	<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

