



MILLINGTON, TN

LITTLE ROCK, AR

Job Information

Job #: 141353

Date: January 17, 2020

Priority: —

Authorized OT: No

Authorized by:

Customer Information

Name: KGJJ SERVICES

Motor#:

Name Plate Information

Manufacturer: Emerson

Enclosure : Weather Protected
I (WPI)

Horsepower/kW: 25

Serial#:

Model#:

Service Factor:

Frame: 284TPA

Rated RPM: 1785

Rated Voltage: 230/460

Phase: 3

Rated Amps: 60/30

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: 1

Voltage: 120

Wattage: 120

WEST TENNESSEE7030 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

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AC Electrical Inspection (Continued)

Core Test Data

	Flux	Watts	Watts loss per lb	Condition of iron
Before burnout				
After burnout	85.06	70	1.11	

Conclusion

Service Tech name: Kelly Felts

Service Tech signature:

WEST TENNESSEE

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Fax 901-873-5301

CENTRAL ARKANSAS

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Polyphase AC Winding

Polyphase Date: January 17, 2020

Hp/kw: 25 RPM: 1785 Poles: 4 Manufacturer: Emerson

Slots: 48 Type: Volts: 230/460

Coils: 48 Model: Amps: 60/30

12 Of 4

Grouping

Of

Serial#:

Phase: 3

Lead marking:

Hertz: 60

Turns/Coil: 21 Lead length: 15 C Rise: Frame: 284TPA

Wire Size 19 Lead size: 1012 Duty: C AMB:

Wire Mult. 3 Num.Leads: 9 Eff.: Ins.Cls.:

Pitch 1 to: 11 ☐ DP ☐ TEFC ☐ XPRF ☐ TENV S.F.:

Connection: 2D&4D

Jumper:

Core length: 7.437

Core ID: 6.687

Back iron: 0.812

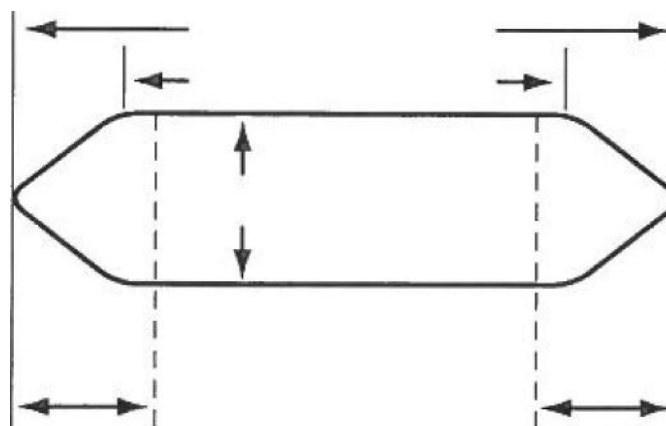
Slot depth: 1.0

Slot/tooth w: 0.1881

Wire weight: 35

Vents: Size

COIL


☐ Left

Connection End
(Facing Terminal Box)

☐ Right

Rotor bars:



MILLINGTON, TN

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Single Phase

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

Hp/kw: 25

RPM: 1785

Manufacturer: Emerson

	Run	Start	Type:	Volts:	230/460
No. Slots			Model:	Amps:	60/30
No. Poles			Style:	Hertz:	
Coils/pole			Form:	Frame:	
Dwg No.			C Rise:	Hrs.:	Cap. Mfd.:
Wire Size			Serial#:		
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: KGJJ SERVICES

(Please return a copy to EASA Headquarters, 1331 Baur Blvd., St. Louis, MO 63132)

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Millington, TN 38053
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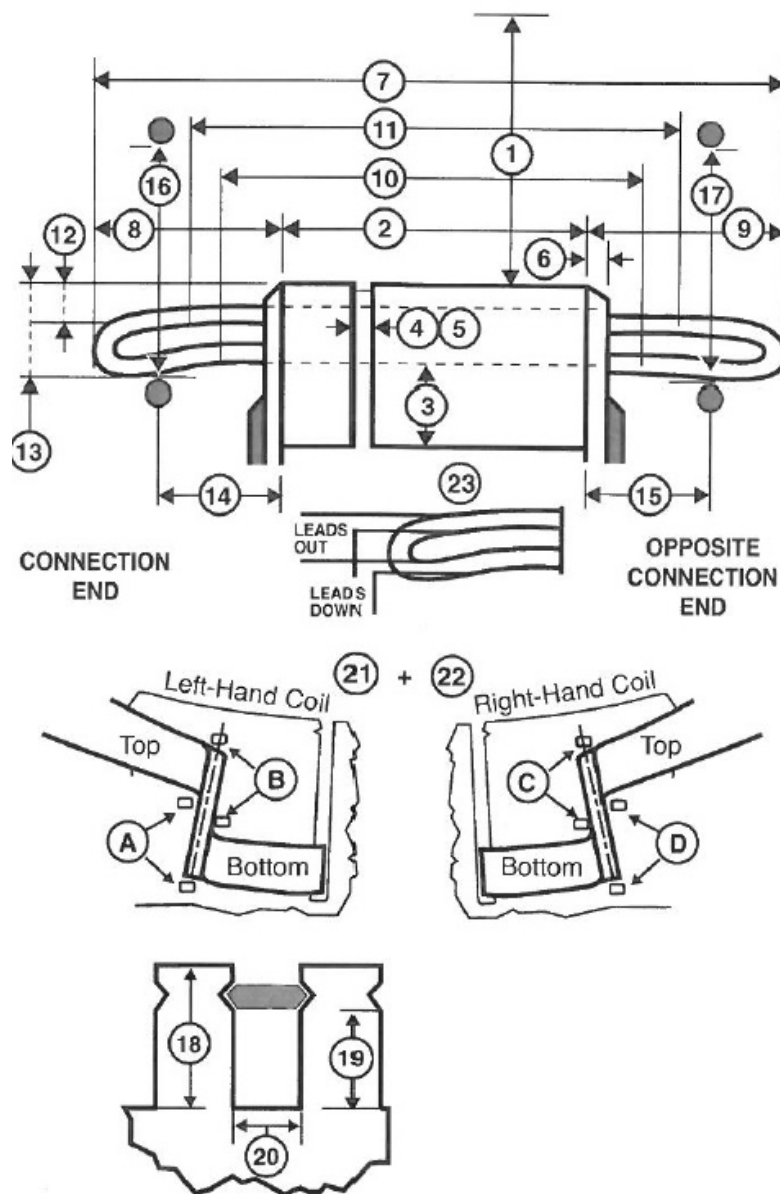
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AC Stator Form Coil Data

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
