



MILLINGTON, TN

LITTLE ROCK, AR

Job Information

Job #: 96433

Date: February 7, 2020

Priority: —

Authorized OT: No

Authorized by:

Customer Information

Name: Saint Jean

Motor#: 96433

Name Plate Information

Manufacturer:	Changan	Enclosure :	Open Drop Proof (ODP)	Horsepower/kW:	37kw
Serial#:	JB/T10931-2002	Model#:	YLF280	Service Factor:	
Frame:	280	Rated RPM:	735	Rated Voltage:	480
Phase:	3	Rated Amps:	77.8	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

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AC Electrical Inspection (Continued)

Core Test Data

	Flux	Watts	Watts loss per lb	Condition of iron
Before burnout	85.475	0.588	1.547	209
After burnout	85.306	0.662	1.441	173

Conclusion

Service Tech name:

Service Tech signature:

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Polyphase AC Winding

Polyphase Date: February 7, 2020

Hp/kw: 37kw

RPM: 735

Poles:

8 Manufacturer: Changan

Slots: 72

Type:

F Volts: 480

Coils: 72

Model: YLF280

Amps: 77.8

24 Of 3

Grouping

Of

Serial#: JB/T10931-2002

Phase: 3

Lead marking:

Hertz: 60

Turns/Coil: 131413

Lead length:

C Rise:

Frame: 280

Wire Size 17

Lead size:

Duty:

C AMB:

Wire Mult. 3

Num.Leads:

Eff.:

Ins.Cls.:

Pitch 1 to: 19

☐ DP

☐ TEFC

☐ XPRF

☐ TENV

S.F.:

Connection: 4Y-4D

Jumper:

Core length: 7.5

Core ID: 12.75

Back iron: 1.25

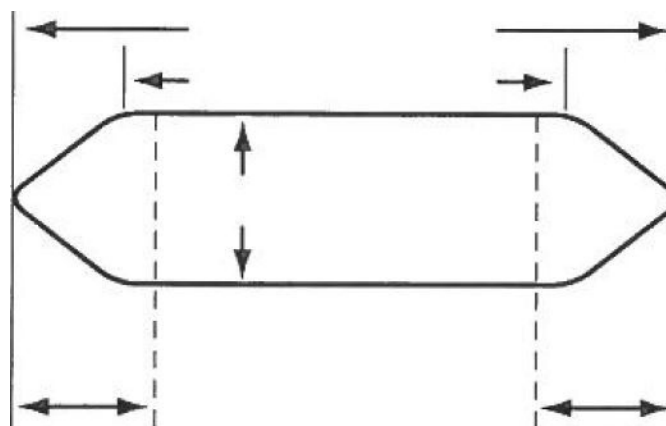
Slot depth: 1.0

Slot/tooth w: 0.284

Wire weight: 48

Vents: Size

COIL


☐ Left

Connection End
(Facing Terminal Box)

☐ Right

Rotor bars:



MILLINGTON, TN

LITTLE ROCK, AR

Single Phase

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

Hp/kw: 37kw

RPM: 735

Manufacturer: Changan

Run

Start

Type:

Volts: 480

Model: YLF280

Amps: 77.8

Style:

Hertz:

Form:

Frame:

Coils/pole

Dwg No.

C Rise:

Hrs.:

Cap. Mfd.:

Wire Size

Serial#: JB/T10931-2002

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: Saint Jean

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

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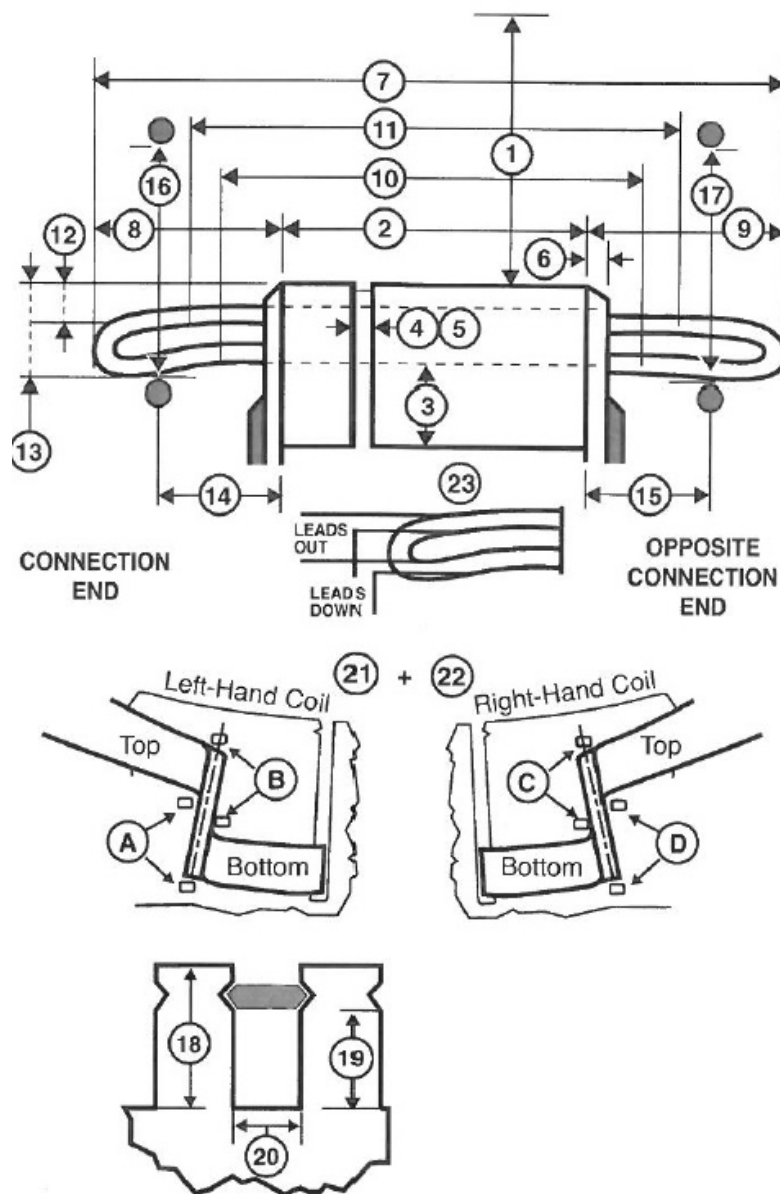
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AC Stator Form Coil Data

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

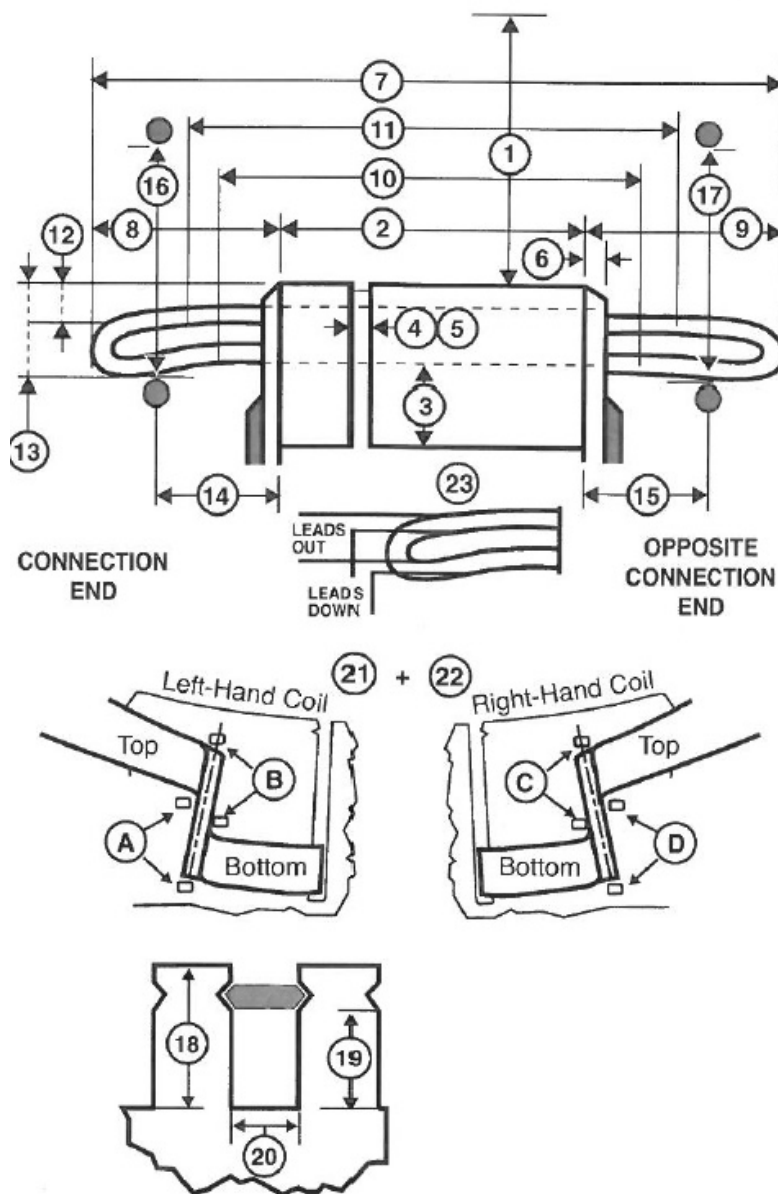
32. Strand insulation

☐ Film ☐ Glass ☐ Mica ☐ Bare ☐ Other

33. Coil weight Lbs.

34. Groups of Coils

Groups of Coils

35. Iron skewed ☐ Right ☐ Left in


AC Stator Form Coil Data (Continued)

Special Features	Yes	No
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Data change	<input type="checkbox"/>	<input type="checkbox"/>
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Coil support ring steel	<input type="checkbox"/>	<input type="checkbox"/>
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Terrace wound	<input type="checkbox"/>	<input type="checkbox"/>
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Corona Protection	<input type="checkbox"/>	<input type="checkbox"/>
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RTDs	<input type="checkbox"/>	<input type="checkbox"/>
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Ohms Qty		
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Hermetic	<input type="checkbox"/>	<input type="checkbox"/>
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Slot paper used	<input type="checkbox"/>	<input type="checkbox"/>
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Insulation class	<input type="checkbox"/> B	<input type="checkbox"/> F	<input type="checkbox"/> H
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<input type="checkbox"/> VPI	<input type="checkbox"/> Dip & Bake	<input type="checkbox"/> Sealed
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<input type="checkbox"/> Leads taped	<input type="checkbox"/> Leads sleeved
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Comments

