



MILLINGTON, TN

LITTLE ROCK, AR

## Job Information

Job #: 96279

Date: November 29, 2019

Priority: —

Authorized OT: No

Authorized by:

## Customer Information

Name: Cal. Frac

Motor#:

## Name Plate Information

Manufacturer: FSCURTIS

Enclosure : Open Drop Proof (ODP)

Horsepower/kW: 30HP

Serial#: 13113668

Model#:

Service Factor: 1.2

Frame: 180L

Rated RPM: 3555

Rated Voltage: 230/460

Phase: 3

Rated Amps: 66.9/33.5

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	84.845	0.502	2.023	175
After burnout	83.806	0.561	1.882	147

## Conclusion

Service Tech name: RHR

Service Tech signature:

#### WEST TENNESSEE

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

#### CENTRAL ARKANSAS

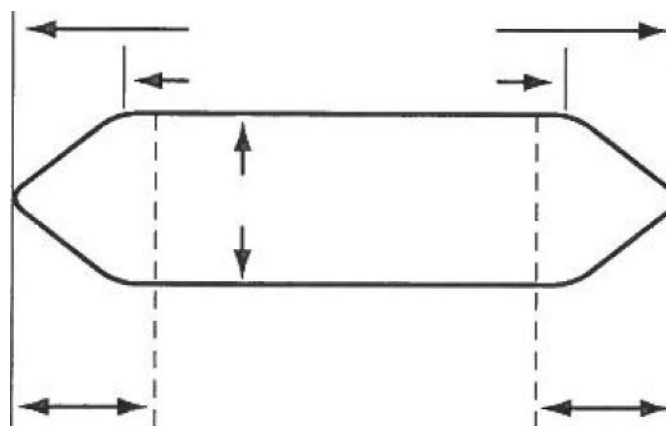
6812 Lindsey Rd.  
Little Rock, AR 72206  
Phone 501-375-9178  
Fax 501-375-4254

# Polyphase AC Winding

Polyphase Date: November 29, 2019

Hp/kw:	30HP	RPM:	3555	Poles:	2	Manufacturer:	FSCURTIS
Slots:	36	Type:	JM3-180L-2	Volts:	230/460		
Coils:	36	Model:		Amps:	66.9/33.5		
<div style="border: 1px solid black; padding: 5px; display: inline-block;">         6 Of 6          Grouping          Of       </div>		Serial#:	13113668	Phase:	3		
		Lead marking:	1-12	Hertz:	60		
Turns/Coil:	787878	Lead length:	10	C Rise:		Frame:	180L
Wire Size	16	Lead size:		Duty:	CONT	C AMB:	
Wire Mult.	5	Num. Leads:		Eff.:		Ins. Cls.:	F
Pitch 1 to:	14	<input type="checkbox"/> DP	<input checked="" type="checkbox"/> TEFC	<input type="checkbox"/> XPRF	<input type="checkbox"/> TENV	S.F.:	1.2
Connection:	1&2CIR						
Jumper:							
Core length:	8.625						
Core ID:	6.375						
Back iron:	1.5						
Slot depth:	0.875						
Slot/tooth w:	0.284						
Wire weight:	38						
Vents:	Size						
Rotor bars:							

COIL


Connection End  
(Facing Terminal Box)

☒ Left

☐ Right



MILLINGTON, TN

LITTLE ROCK, AR

**Single Phase**

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

Hp/kw: 30HP

RPM: 3555

Manufacturer: FSCURTIS

Run

Start

Type:

Volts: 230/460

Model:

Amps: 66.9/33.5

No. Slots

Style:

Hertz:

No. Poles

Form:

Frame:

Coils/pole

Dwg No.

C Rise:

Hrs.:

Cap. Mfd.:

Wire Size

Serial#: 13113668

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: Cal. Frac

(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		

