

### **Job Information**

Job #: 142446 Date: June 8, 2020

Priority: — Authorized OT: No Authorized by:

### **Customer Information**

Name: Usg Motor#:

#### **Name Plate Information**

Manufacturer: No nameplate Enclosure: Open Drop Proof Horsepower/kW: 50

(ODP)

Serial#: Model#: Service Factor:

Frame: Rated RPM: 1785 Rated Voltage: 460

Phase: 3 Rated Amps: 65 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: No Qty: Voltage: Wattage:



# **AC Electrical Inspection (Continued)**

#### **Core Test Data**

	Flux	Watts	Watts loss per lb	Condition of iron
Before burnout				
After burnout	87.0	15	1.72	7

### Conclusion

Service Tech name: Shawn

Service Tech signature:

VEST TENNESSEE C
7030 Ryburn Drive 68
Millington, TN 38053 Li
Phone 901-873-5300 Pi
fax 901-873-5301 Fo

No nameplate

460

Polyphase Date:

4 Manufacturer:

Volts:



RPM:

48

50

Hp/kw:

Slots:

Type:

1785

Coils: 48 Model: Amps: 65

12 Of 4 Serial#: Phase: 3

Grouping

Lead marking: 123 Hertz: 60

Poles:

Turns/Coil: 10 Lead length: 12 C Rise: Frame:

Wire Size 17 18 Lead size: 12 Duty: C AMB:

Wire Mult. 1 6 Num.Leads: 3 Eff.: Ins.Cls.:

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

Connection: 1D COIL

Jumper:

Core length: 7.312

Core ID: 7.125

Back iron: 1.0

Slot depth: 1.187

Slot/tooth w: 0.250

Vents: Size

Wire weight:

Rotor bars:

Connection End

[Facing Terminal Box) | Right

EASA)
The Electro•Mechanical Authority



Single Phase				Split Phase															
				1	Сар	acitor:	[	St	art		] Sta	art & R	un		⊃erm.	Spli			
Hp/kw:	50			RPM:	1	785			Manu	facture	er:	No na	mepla	ıte					
		Run		Start	:		Type:							٧	olts:	4	60		
No. Slots						ľ	Model:							Ar	nps:	6	5		
							Style:							Н	ertz:				
No. Poles	S						Form:							Fra	ame:				
Coils/pole	9																		
Dwg No				C Rise:						Hrs.:	cap. Mfd.:								
Wire Size	Э			Serial#:															
Wires in par	·.						Du	ty: -	_					I	3B		SB		
No. Circuits	S			Open: —															
Coil Ext				Sta.length:					Sta.b.i.:										
Stator Bore	Э																		
			ı																
Runninç	9 🗆																	] [	
Slot No	. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	5 1	6 1	7	18
Starting	9 🗆																	] [	
Customer	: l	Jsg																	

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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. Connnection end extension
- 9. Opposite Conn. End Ext.
- 10. Straight length bottom side
- 11. Straight length top side
- 12. Small knuckle drop. CE

OCE

13. Large knuckle drop. CE

OCE

- 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











CENTRAL ARKANSAS



# **AC Stator Form Coil Data (Continued)**

21. Lead location A B C D

23. Coil leads Long# LG

Short# LG

Out Down

24. Jumper —

25. Connection —

26. No. of circuits

27. No. of slots

28. Coil throw

29. Turns per coil

30. Total wires in parallel

31. Bare wire sizes ( ) x

( ) x

32. Strand insulation

☐ Film ☐ Glass ☐ Mica ☐ Bare ☐ Other

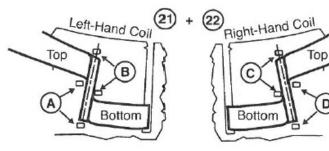
33. Coil weight Lbs.

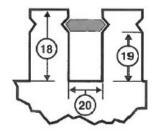
34. Groups of Coils

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 B H							
☐ VPI ☐ Dip & Bake ☐ Sealed							
Leads taped Leads sleeved							
Comments							



