

Job Information

Job #:	96670				Date:	April 21, 2020
Priority:	_	Authorized OT:	No	Authorized by:		

Customer Information

Name: Flake board Motor#:

Name Plate Information

Manufacturer:	Reliance	Enclosure :	Totally Enclosed Fan Cooled	Horsepower/kW:	60
Serial#:	43MN360319G001X X	Model#:		Service Factor:	1.15
Frame:	364T	Rated RPM:	1775	Rated Voltage:	460
Phase:	3	Rated Amps:	72.4	Cycles:	60

Special design: No

AC Electrical Inspection

Megs aft	er rewind:	Good	Surge afte	er rewind: Good	Hi-pot after rewind:	Good
Core loss:	Good		Thermistors:	None	Thermostat: None	
RTD:	None			ohms at	degrees C	
Motor Heat	er(s) Present:	Yes	Qty:	Voltage:	Wattage:	

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AC Electrical Inspection (Continued)

Core Test Data

	Flux	Watts	Watts loss per lb	Condition of iron
Before burnout				
After burnout				

Conclusion

Service Tech name: Robert Wiley

Service Tech signature:

Robert Viler

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Of

Of

18

4

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Polyphase AC Winding

60

12

17

1

Hp/kw:

Slots:

Coils:

Grouping

Turns/Coil:

Wire Size

Wire Mult.

Pitch 1 to:

Connection:

Core length:

Jumper:

Core ID:

Back iron:

Slot depth:

Slot/tooth w:

Wire weight:

Vents:

Polyphase Date: RPM: 1775 Poles: Manufacturer: Reliance 460 60 Volts: Type: 60 Model: Amps: 72.4 6 Serial#: 43MN360319G001XX Phase: 3 Lead marking: Hertz: 13 Lead length: C Rise: Frame: Lead size: Duty: C AMB: Num.Leads: Eff.: Ins.Cls.: 14 DP TEFC XPRF TENV S.F.: 1D COIL 5.125 10 1.375 1.125

> Connection End (Facing Terminal Box)



Right

Rotor bars:

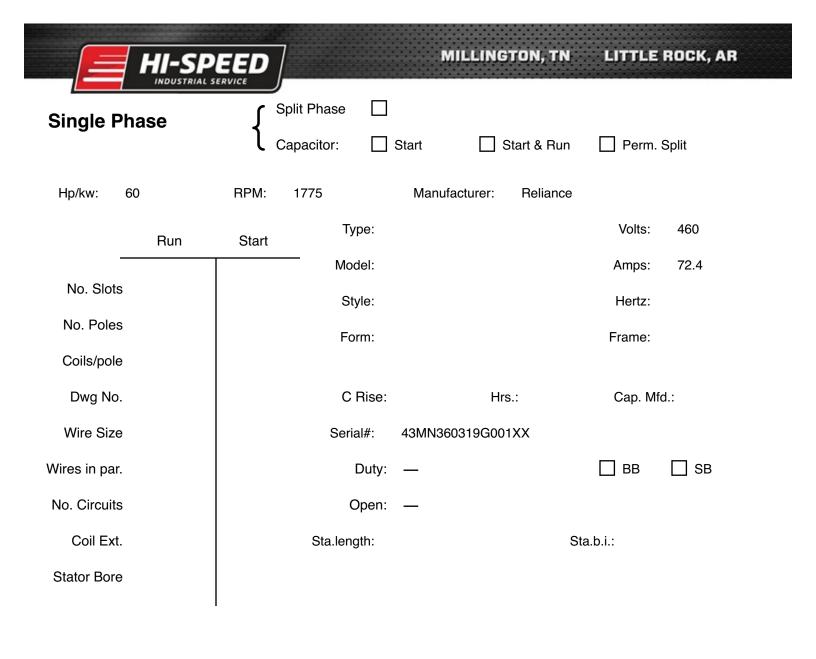
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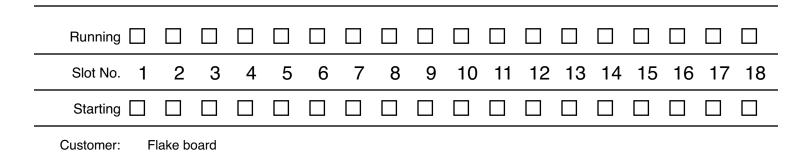
0.284

Size

44

Left





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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
- 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







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OCE

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MILLINGTON, TN LITTLE ROCK, AR

AC Stator For	m Coil Data (Co	ontinued)			-
21. Lead location	🗌 А 🗌 В 🗌] C 🗌 D			
22. Coil type	Left hand] Right hand	16	(1) (1)	
23. Coil leads	Long# LG		12 18	2	
	Short# LG				5
	Out	Down	1		
24. Jumper	_		13		23 4-(15->
25. Connection	-				OPPOSITE
26. No. of circuits			END	LEADS	CONNECTION
27. No. of slots			Left-Ha	and Coil 21 + 2	Right-Hand Coil
28. Coil throw	1-		Top	B	Тор
29. Turns per coil			A	\sim	
30. Total wires in para	allel			Bottom	Bottom
31. Bare wire sizes	() x	514		
	() x		19	
32. Strand insulation	Mica Bare	Other			
33. Coil weight	Lt	DS.			
34. Gr	oups of	Coils			EASA
Gr	oups of	Coils			The Electro•Mechanical Authority
35. Iron skewed	Right 🗌 Left	in			
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HI-SPEED



AC Stator Form Coil Data (Continued)



Comments





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