

Job Information

Job #:	141382				Date:	January 8, 2020
Priority:	_	Authorized OT:	No	Authorized by:		

Customer Information

Name: Plaskolite Motor#:

Name Plate Information

Manufacturer:	Elektror	Enclosure :	Totally Enclosed Fan Cooled	Horsepower/kW:	2.2
Serial#:	141382/1	Model#:		Service Factor:	
Frame:	90	Rated RPM:	3450	Rated Voltage:	230/460
Phase:	3	Rated Amps:	8.6/4.3	Cycles:	60

Special design: No

AC Electrical Inspection

Megs aft	er rewind:	Good	Surge after	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:	No	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	87.16	20	2.15	

Conclusion

Service Tech name: Ke

Kelly Felts

Service Tech signature:

Kelly Fielts

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MILLINGTON, TN LITTLE ROCK, AR

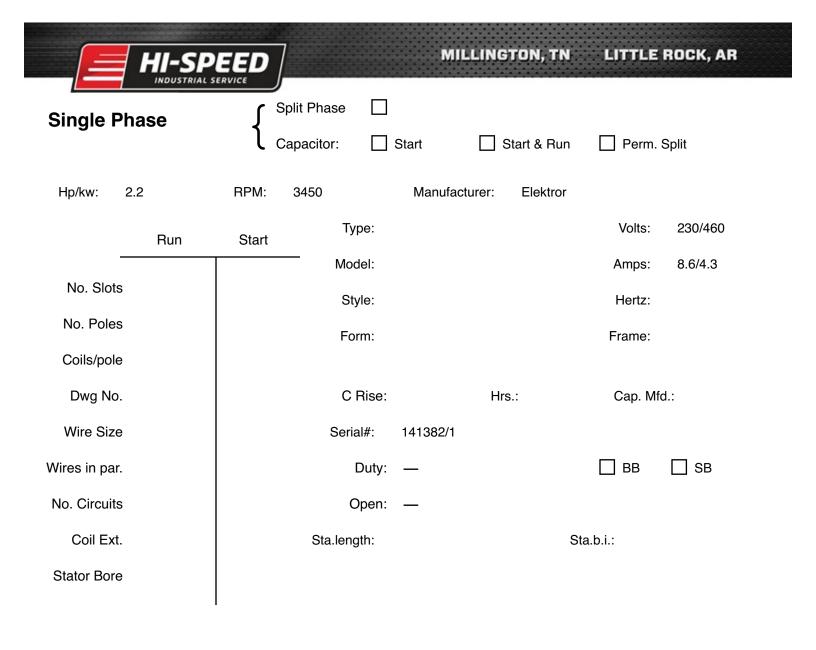
Polyphase Date:

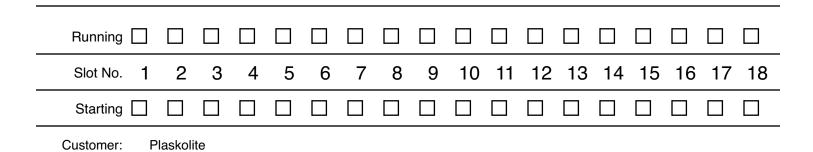
Polyphase AC Winding

2 Manufacturer: Hp/kw: 2.2 RPM: 3450 Poles: Elektror Slots: 24 Volts: 230/460 Type: Coils: 24 Model: Amps: 8.6/4.3 6 Of 4 Serial#: Phase: 3 141382/1 Grouping Lead marking: Hertz: 60 Of Turns/Coil: 32 Lead length: 6 C Rise: Frame: 90 Wire Size 22 23 Lead size: C AMB: 18 Duty: Wire Mult. 1 1 Num.Leads: 9 Eff.: Ins.Cls.: **V** TEFC 10 DP XPRF TENV Pitch 1 to: S.F.: 1&2Y Connection: COIL Jumper: Core length: З Core ID: 2.75 Back iron: 0.68 Slot depth: 0.60 Slot/tooth w: 0.16 **Connection End** Wire weight: 6 (Facing Terminal Box) Left Right Vents: Size Rotor bars:

The Electro•Mechanical Authority

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

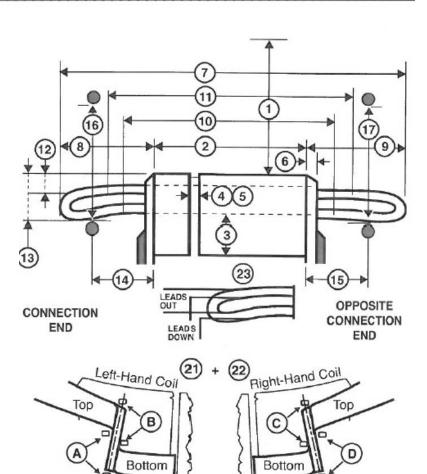
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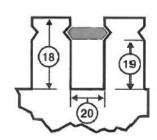


MILLINGTON, TN LITTLE ROCK, AR

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

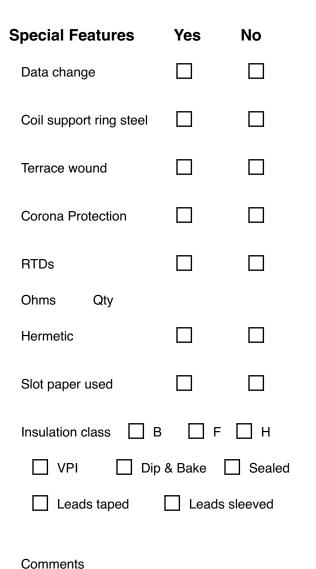
MILLINGTON, TN LITTLE ROCK, AR

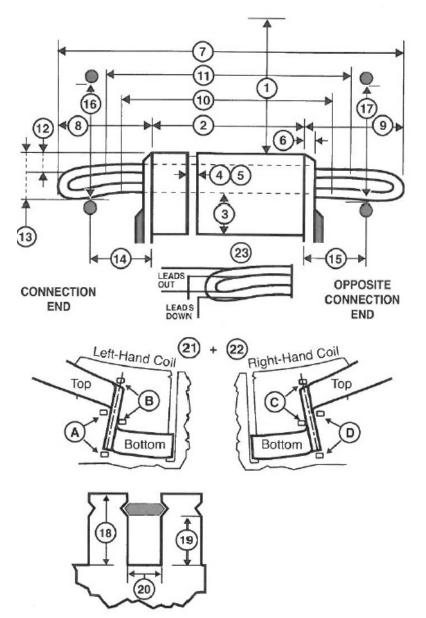
AC Stator For	m Coil Data (Co	ontinued)			-
21. Lead location	🗌 А 🗌 В 🗌] C 🗌 D			
22. Coil type	Left hand] Right hand	16	(1) (1)	
23. Coil leads	Long# LG		12 18	2	
	Short# LG				5
	Out	Down	1		
24. Jumper	_		13		23 4-(15->
25. Connection	-				OPPOSITE
26. No. of circuits			END	LEADS	CONNECTION
27. No. 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)





#33Heads@5.4



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