

## **Job Information**

Job #:	94422				Date:	June 15, 2018
Priority:	_	Authorized OT:	No	Authorized by:		
Customer	Information					
Name:	CIntas			Motor#	<i>!</i> :	
Name Plate Information						

Manufacturer:	ABM	Enclosure :	Open Drop Proof (ODP)	Horsepower/kW:	3KW
Serial#:	F753510-0002	Model#:		Service Factor:	
Frame:		Rated RPM:	1800	Rated Voltage:	460
Phase:	3	Rated Amps:	5.1	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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## MILLINGTON, TN LITTLE ROCK, AR

### **AC Electrical Inspection (Continued)**

RHR

### **Core Test Data**

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

### Conclusion

Service Tech name:

Service Tech signature:

HIM

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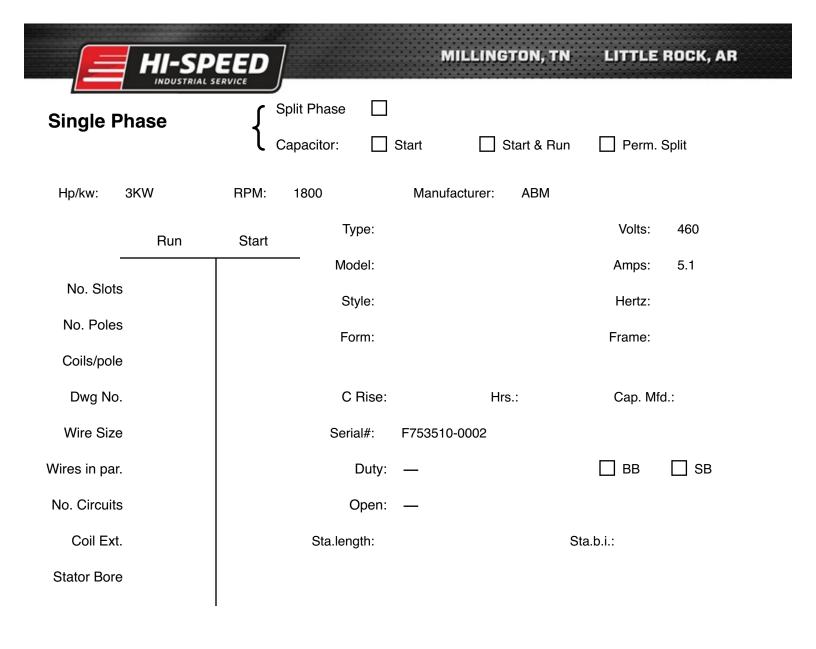
HI-SPEED

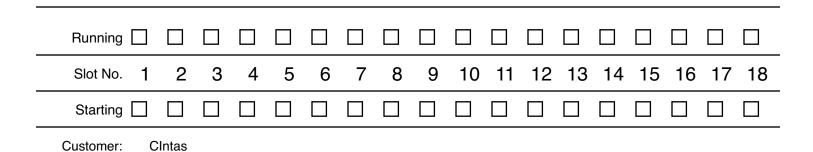
#### MILLINGTON, TN LITTLE ROCK, AR

### **Polyphase AC Winding**

Polyph	ase A	C Winding			Polyphase Date:	June 15, 2018
Hp/kw:	3KW	RPM:	1800	Poles:	Manufacturer:	ABM
Slots:		36	Туре:		Volts:	460
Coils:		18	Model:		Amps:	5.1
	6	Of 3	Serial#:	F753510-0002	Phase:	3
Groupin	ıg	Of	Lead marking:		Hertz:	
Turns/Coil:		40	Lead length:	9 C Rise:	Frame:	
Wire Size	20	21	Lead size:	18 Duty:	C AMB:	
Wire Mult.	1	1	Num.Leads:	123456 Eff.:	Ins.Cls.:	
Pitch 1 to:		81012	DP	TEFC XPRF	TENV S.F.:	
Connection:		1Y	COIL			
Jumper:			-			
Core length:		6.0				
Core ID:		4.0	$\langle$	т		
Back iron:		0.625		+ +		
Slot depth:		0.625				
Slot/tooth w:		0.195		•		
Wire weight:		9.	Left	Connection (Facing Termina		
Vents:		Size				
Rotor bars:					The Electro	o-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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### **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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## AC Stator Form Coil Data (Continued)



Comments





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