

Job Information

Job #:	95608			Date:	June 13, 2019
Priority:	_	Authorized OT:	No	Authorized by:	
Customer	Information				
Name:	Prospect Steel			Motor#:	
Name Plat	e Information				
Manufacturer:	Reuland	Enclosure :	Open Drop Proof (ODP)	Horsepower/kW:	4
Serial#:	823471B-1	Model#:	13273	Service Factor:	
Frame:	WEO-215-H400	Rated RPM:	1800	Rated Voltage:	230/460
Phase:	3	Rated Amps:	10.6/5.3	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	84.829	0.333	2.556	308

Conclusion

Service Tech name: RHR

Service Tech signature:

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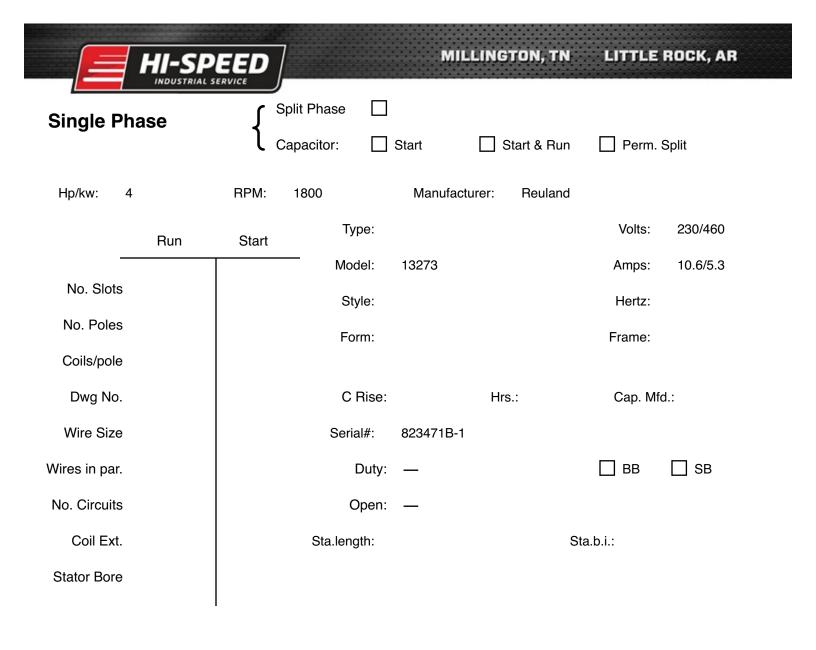
Polyphase Date:

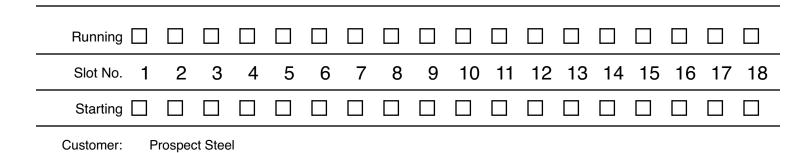
June 13, 2019

Polyphase AC Winding

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Hp/kw:	4	RPM:	1800	Poles:		4 Manufacture	er: Re	uland
Slots:		36	Туре:			Vol	ts: 230	0/460
Coils:		36	Model:	13273		Amp	os: 10.	.6/5.3
	12	Of 3	Serial#:	823471B-1		Phas	se: 3	
Groupin	g	Of	Lead marking:			1-9 Her	tz:	60
Turns/Coil:		21	Lead length:	9	C Rise:	Fram	ie: W	/EO-215-H400
Wire Size	20		Lead size:	16	Duty:	C AM	IB:	
Wire Mult.	3		Num.Leads:	9	Eff.:	Ins.Cl	s.:	
Pitch 1 to:		8		TEFC	XPRF	TENV S.	.F.:	
Connection:		1&2Y	COIL					
Jumper:			-			- 1	-	
Core length:		4.125	/					
Core ID:		5.125	\langle	i T		I	\geq	
Back iron:		1.0						
Slot depth:		1.0						
Slot/tooth w:		0.250		►¦			-	
Wire weight:		10	🔽 Left		nnection 1g Termin		Right	
Vents:		Size				_		
Rotor bars:						The	e Electro•Mecl	hanical Authority

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

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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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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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