

Job Information

Job #:	96857			Date	e: May 19, 2020
Priority:	_	Authorized OT:	No	Authorized by:	
Customer	Information				
Name:	Search Waste Water			Motor#:	
Name Plat	te Information				
Manufacturer:	US	Enclosure :	Open Drop Proof (ODP)	Horsepower/kW:	5
Serial#:	96857-2020	Model#:	F12-02134993-10 -F	0 Service Factor:	1.15
Frame:	215NPZ	Rated RPM:	1150	Rated Voltage:	230/460

Phase:3Rated Amps:15.4/7.7Cycles: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	86.402	0.706	2.888	161

Conclusion

Service Tech name: RHR

Service Tech signature:

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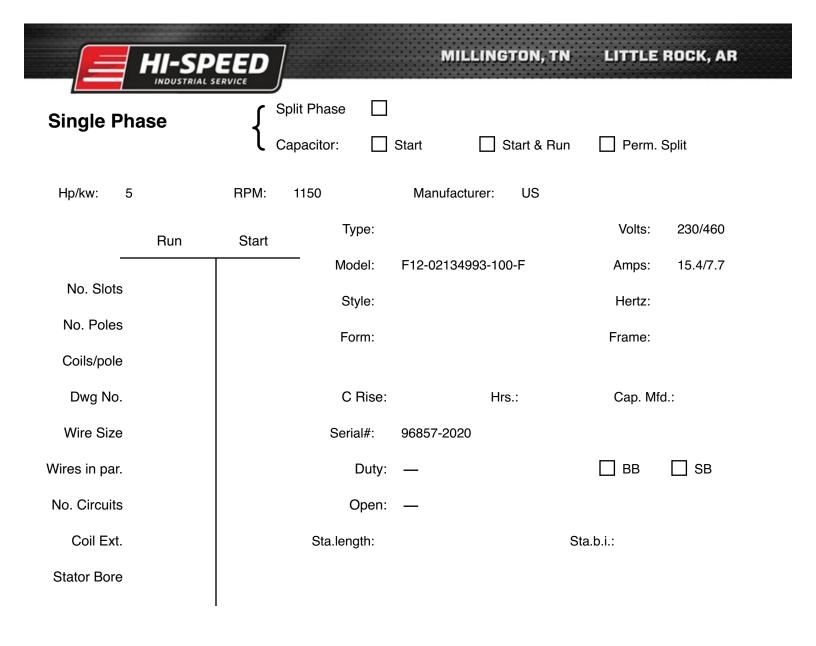
Polyphase Date:

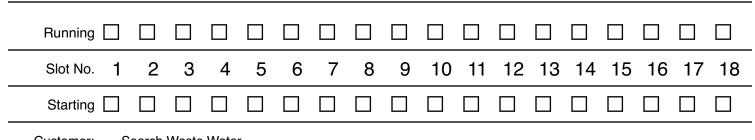
May 19, 2020

Polyphase AC Winding

Foiypii	аэс А				i olyphase Dale.	Way 19, 2020
Hp/kw:	5	RPM:	1150	Poles:	6 Manufacturer:	US
Slots:		36	Туре:		TVC9 Volts:	230/460
Coils:		36	Model:	F12-02134993-100-F	Amps:	15.4/7.7
	18	Of 2	Serial#:	96857-2020	Phase:	3
Groupin	g	Of	Lead marking:		Hertz:	60
Turns/Coil:		21	Lead length:	10 C Rise:	Frame:	215NPZ
Wire Size	19		Lead size:	16 Duty:	Cont C AMB:	
Wire Mult.	2		Num.Leads:	3 Eff.:	Ins.Cls.:	
Pitch 1 to:		6	DP	TEFC XPRF	TENV S.F.:	1.15
Connection:		1Y	COIL			
Jumper:			-			
Core length:		4.125	/			
Core ID:		5.375	\langle	į I		
Back iron:		0.75		. +		
Slot depth:		0.875				
Slot/tooth w:		0.284		► ¹		
Wire weight:		9	🔽 Left	Connection I (Facing Termina		
Vents:		Size				
Rotor bars:					The Electro	o-Mechanical Authority

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Customer: Search Waste Water

(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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