

Job Information

Job #:	94688			Date:	August 31, 2018		
Priority:	-	Authorized OT:	No	Authorized by:			
Customer Information							
Name:	Furture Fuel			Motor#:			
Name Plate Information							
Manufacturer:	US	Enclosure :	Open Drop Proof (ODP)	Horsepower/kW:	30		
Serial#:	D0601056823-001R	Model#:	697289	Service Factor:			
Frame:	286TSD	Rated RPM:	3520	Rated Voltage:	460		
Phase:	3	Rated Amps:	37	Cycles:	60		
Special design:	No						

AC Electrical Inspection

Megs afte	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	: 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:

ME HUM

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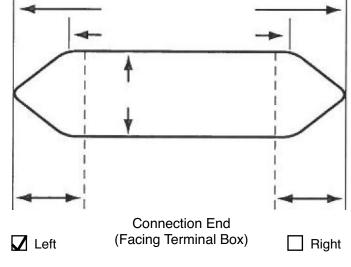


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Polyphase AC Winding

	Hp/kw:	30		RPM:	3520
	-	00			
	Slots:			36	Туре:
	Coils:			36	Model:
		6	Of	6	Serial#:
	Groupin	g	Of		Lead marking:
	Turns/Coil:			11	Lead length:
	Wire Size	16	18		Lead size:
	Wire Mult.	3	1		Num.Leads:
	Pitch 1 to:			14	DP
С	connection:			1D	COIL
	Jumper:				-
С	ore length:			5.5	
	Core ID:			6.625	\langle
	Back iron:			1.5	
	Slot depth:			0.875	
S	lot/tooth w:			0.248	
W	/ire weight:			36	🔽 Left
V	ents:		Size	9	
	Deter have				

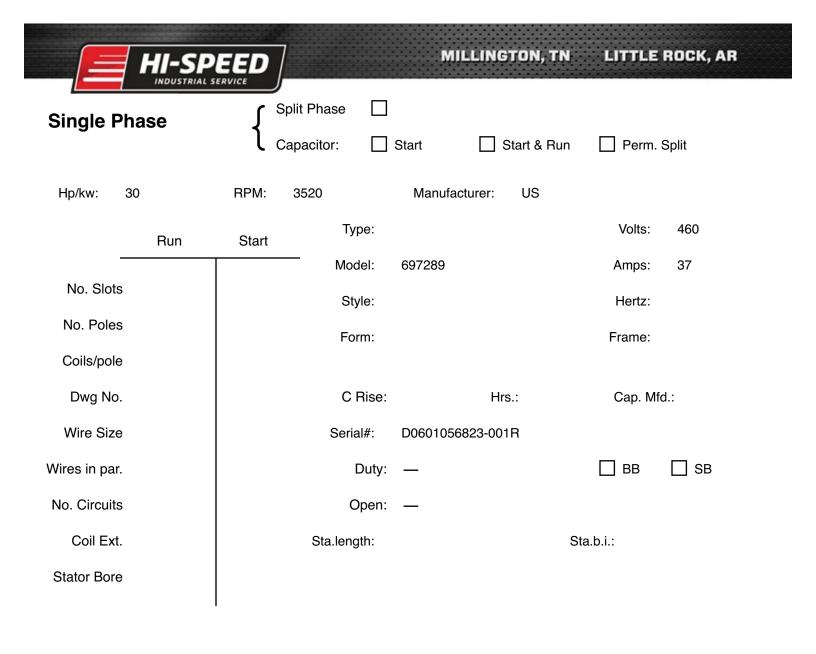
			Polyphase Date:		August 31, 2018	
	Poles:		2 Manufa	acturer:	US	
e:			LCEF	Volts:	460	
el:	697289			Amps:	37	
#:	D06010	56823-001R		Phase:	3	
g:				Hertz:		60
	9	C Rise:		Frame:		286TSD
	10	Duty:	Cont	C AMB:		
		Eff.:	I	ns.Cls.:		F
	TEFC		TENV	S.F.:		
				12	1	
			-		5 C	

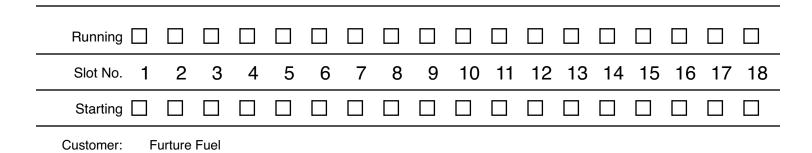




Rotor bars:

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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

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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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