

Job Information

Job #:	141954				Date:	April 2, 2020
Priority:	_	Authorized OT:	No	Authorized by:		
Customer Information						

Name: Hershey Motor#:

Name Plate Information

Manufacturer:	Baldor	Enclosure :	Open Drop Proof (ODP)	Horsepower/kW:	250
Serial#:	Z44G4229	Model#:		Service Factor:	
Frame:	445TDZ	Rated RPM:	1780	Rated Voltage:	460
Phase:	3	Rated Amps:	292	Cycles:	60

Special design: No

AC Electrical Inspection

Megs aft	er rewind: G	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:	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	85.2	470	1.37	9

Conclusion

Service Tech name: Shawn

Service Tech signature:

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MILLINGTON, TN LITTLE ROCK, AR

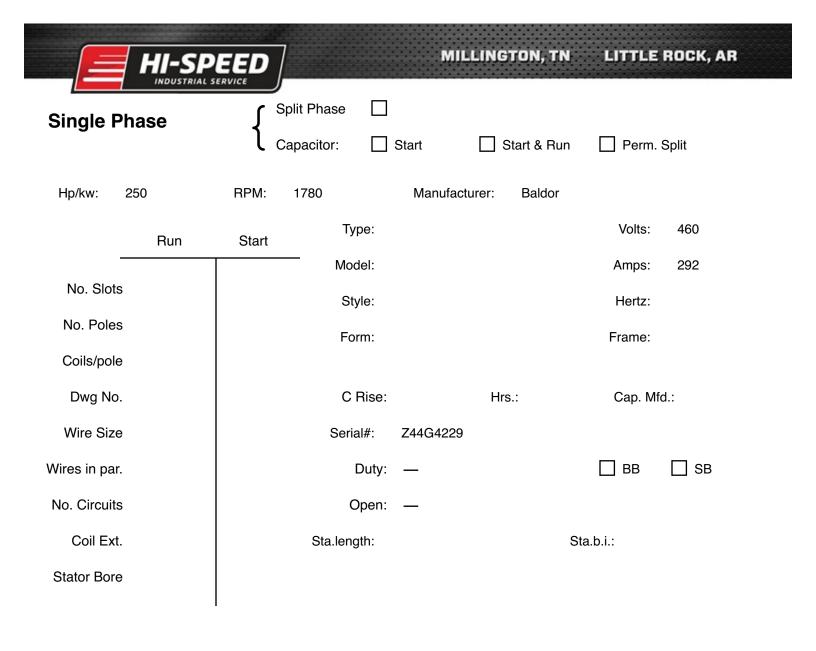
Polyphase Date:

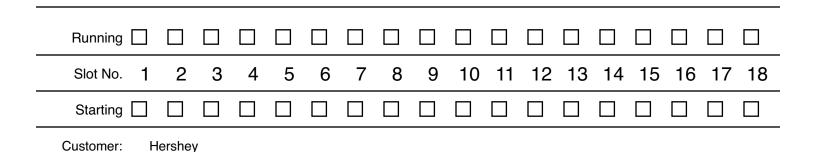
Polyphase AC Winding

4 Manufacturer: Hp/kw: 250 RPM: 1780 Poles: Baldor 72 Slots: Volts: 460 Type: Coils: 72 Model: Amps: 292 12 Of 6 Serial#: Z44G4229 Phase: 3 Grouping Lead marking: 1-6 Hertz: Of Turns/Coil: 5 Lead length: 72 C Rise: Frame: Wire Size Lead size: Duty: C AMB: 17 Wire Mult. 16 Num.Leads: 6 Eff.: Ins.Cls.: DP 13 TEFC XPRF TENV Pitch 1 to: S.F.: Connection: 2Y2D COIL Jumper: Core length: 9.5 13.0 Core ID: Back iron: 1.86 Slot depth: 1.63 Slot/tooth w: 0.302 **Connection End** Wire weight: 156 (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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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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