

# S.S. "SILVERLAUREL" - BOILER BLOWER MOTOR



THE SUNDERLAND FORGE & ENGINEERING COMPANY, LIMITED.

*Boiler No. 32873*

TEST OF DIRECT CURRENT MOTOR, SIZE 6"

For MESSRS. DAVIDSON & CO. LTD.

Order N 1201  
160274/5

OUTPUT PLATE  
STAMPED

110 Volts 58.5 Amps 6.5 B.H.P.

2950

Revs.


Continuous Rating Compound Wound, No.

F5609A

Date 1938

## READINGS DURING TEST.

Time	Speed R.P.M.	LINE		SHUNT		DATE OF TEST	Remarks
		Volts	Amps.	Volts	Amps.	23-5-38	
		<u>TEMPERATURE RUN</u>					
1-0	2900	110	58½	110	.73		
1-30	2920	110	58½	110	.72		
2-0	2930	110	58½	110	.72		
2-30	2945	110	58½	110	.72		
3-0	2950	110	58½	110	.72		
3-30	2950	110	58½	110	.72		
4-0	2955	110	58½	110	.72		
4-30	2955	110	58½	110	.715		
5-0	2955	110	58½	110	.715		Temperatures taken (a)
	3320	110	14	110	.74		No Load
	2950	110	58½	110	.735		Full Load.





Temperatures taken by thermometers ...	Armature		Commutator		Shunt Coils		Series Coils		Interpole Coils	
	A	B	A	B	A	B	A	B	A	B
Maximum Temperature recorded ...	98		92		81		83		85	
Air Temperature ...	69		69		69		69		69	
Temperature Rise in °F	29		23		12		14		16	

Before Temperature Run				After Temperature Run			
High Pressure Test on Motor ...	...	...	2,000 Volts for 1 min.	2,000 Volts for 1 min.	...	...	...
Insulation Resistance of Motor ...	...	...	100 Megohms	100 Megohms	...	...	...

Date 6/3/39

Signed *MD.*

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Foundation

W261-0225