

Lawrence, Scott & Electromotors Ltd.

No 190  
1935 identity

Reference No. 14012

GLASGOW REPORT No. 56264

# TEST CERTIFICATE.

Date 3.6.35. Size 17 1/2 Type *Scotland* No. of Motor 67722.  
Dynamo

Armature No. 11329 Magnet Coil Nos. Interpole Coil Nos.

Rating 1 *hp* 9. Volts 110 Amps. 52 H.P. 5.75 R.P.M. 1000  
*cont. Shunt*

Winding Sheet Winding *comp. Int.* Rotation *bat. 28*

Time	Speed	Volts	Arm. Amps.	Mag. Amps.	Shunt Resistance	Brush Position	Rotation
0	1000	110	52	3.1	79V	13	28
2.0	1040	.	0	3.1	79V	.	.
2.0	1040	.	0	3.05			
2.0	1040	.	0	3.03			
2.0	1040	.	0	3.02			
2.0	1040	.	0	3.0			
2.0	1040	.	0	3.0			
2.0	1040	.	0	3.0	85V		
4.0	1008	112	52	3.0	85V		
4.0	1000	109	62	2.95	84V	20	overload
5.0	1040	150	0	4.9	FS.		
<i>OK on 80% overload.</i>							
<i>OK on 100% overload.</i>							

REMARKS

Starter  
Regulator  
4 Spindles  
8 Carbons 1/2 by 7/8 Quality *ECB 45*  
Bearings Rocker *sta.* Shaft  
End play 2 1/2 Comm. track  
Marked by  
Final Brush Position 6 C. at Pulley  
" " " C.C. at Pulley  
Armature *filled with fat 28*  
No. 17 1/2 Terminal Box *complete* Insulation

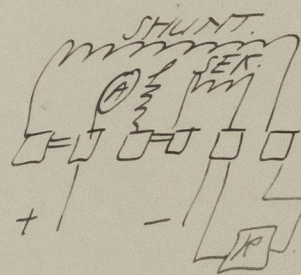
Name on lid  
Tapped  
Flashed at 2000 Volts A.C.

Temperatures after \_\_\_\_\_ hours at \_\_\_\_\_ H.P. Amps.

Room 68  
Frame °rise F  
Magnet Coils 130 °rise F 62  
Interpole Coils 132 °rise F 64  
Commutator 136 °rise F 68  
Armature 137 °rise F 69

Insulation Resistance

	Hot	Cold
Shunt Coils		
Series "		
Interpole "		
Armature "		
Machine "	20	
Coupling		
Pulley	diameter	face



ORDER NO. 38568. Ordered by  
Date of Despatch 6.9.35. to  
Testing Engineer *Paulley*

