

Frederick, Scott & Electromotors Ltd.

Reference No. 13231

# TEST CERTIFICATE.

Date 29.6.35. Size G2. Type Enclosed No. of Motor 111734  
Armature No. 111734 Magnet Coil Nos. \_\_\_\_\_ Interpole Coil Nos. \_\_\_\_\_  
Rating cont. Volts 100 Amps. 12 HP 1-2 R.P.M. 1000

Winding Sheet

Winding Shunt.

Rotation Set but DC  
marked both ways.

Speed	Volts	Arm. Amps.	Mag. Amps.	Shunt Resistance Volts	Brush Position	Rotation
1050	100	0	65	43V	but 66	98
1000	"	12	105	73V	"	"
1000	"	12	104	79V	"	"
1000	"	12	103	81V	"	"
1000	"	12	102	82V	"	"
1000	"	12	102	82V	"	"
1000	"	12	102	82V	"	"
1050	"	0	6	46V	"	"
1050	101	0	62	47V	1F	6
1000	102	12	103	83V	"	"
1055	93	0	52	all down	"	"
1054	154	0	2-0	FS Shunt	"	"

## REMARKS

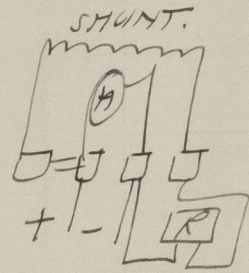
Starter LS Panel  
Regulator 4010503. 20 contacts  
Spindles 4  
Carbons 3/16 by 38 Quality LS 6345  
Bearings \_\_\_\_\_ Rocker \_\_\_\_\_ Shaft \_\_\_\_\_  
End play 1/8 Comm. track \_\_\_\_\_  
Final Brush Position 1/2 F C. at Pulley \_\_\_\_\_  
" " " 6 C.C. at Pulley \_\_\_\_\_  
Armature fixed with final DC.  
No. 92 Terminal Box Patent Insulation \_\_\_\_\_  
Name on lid \_\_\_\_\_  
Tapped \_\_\_\_\_

Flashed at 2000 Volts A.C.

Temperatures after \_\_\_\_\_ hours at \_\_\_\_\_ H.P. Amps.  
Room 77  
Frame \_\_\_\_\_ °rise F \_\_\_\_\_  
Magnet Coils 110 °rise F 33  
Interpole Coils \_\_\_\_\_ °rise F \_\_\_\_\_  
Commutator 120 °rise F 43  
Armature 126 °rise F 49

## Insulation Resistance

	Hot	Cold
Shunt Coils		
Series "		
Interpole, "		
Armature, "		
Machine " Coupling	<u>20-</u>	



Pulley \_\_\_\_\_ diameter \_\_\_\_\_ face \_\_\_\_\_

DER No. 39402 Ordered by \_\_\_\_\_  
Date of Despatch \_\_\_\_\_ to \_\_\_\_\_  
Testing Engineer Besmer



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Lloyd's Register  
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W1319-0165