

# TEST CERTIFICATE.

Date 29-1-34. Size 17X. Type Enclosed. No. of Motor 109104  
Dynamo

Armature No. 109104 Magnet Coil Nos. Interpole Coil Nos.

Rating 6000 Volts 220/230 Amps. 11-5/11 H.P. 2-5 R.P.M. 750/1500

Winding Sheet Winding Comp Int. Rotation Self start

Time	Speed	Volts	Arm. Amps.	Mag. Amps.	Shunt Resistance	Brush Position	Rotation
2.0	740	225	75	95	48V	13	86
2.0	1500	-	11-1	21	48V	13	-
2.0	710	-	5-5	95	58V	-	-
2.0	688	-	10-3	95	55V	-	-
2.0	710	-	10-4	86	-	-	-
2.0	716	-	10-4	84	-	-	-
2.0	718	-	10-4	83	-	-	-
2.0	720	-	10-4	82	-	-	-
2.0	720	-	10-4	82	-	-	-
2.0	720	-	10-4	82	55V	-	-
2.0	750	-	5-6	82	58V	-	-
2.0	1505	-	11-1	20	56V	13	86
2.0	1510	-	11-1	20	56V	13	86
2.0	754	-	5-6	82	58V	-	-
2.0	725	-	10-4	82	55V	-	-
2.0	630	-	7-0	82	light	-	-

## REMARKS

Starter  
Regulator  
4 Spindles  
4 Carbons 12 by 78 Quality E.S.H.  
Bearings Rocker Shaft  
End play 118 Comm track  
Marked by  
Final Brush Position 13 C. at Pulley  
" " 13 C.C. at Pulley  
Armature fixed with fan at CE.  
No. 17X Terminal Box Insulation  
Name on lid  
Tapped

Diagram of Connection

Flashed at 2000 Volts A.C.

Temperatures after hours at H.P. Amps.

Room 58.  
Frame rise F  
Magnet Coils 115 rise F 57  
Interpole Coils 119 rise F 61  
Commutator 114 rise F 56  
Armature 122 rise F 64.

## Insulation Resistance

	Hot	Cold
Shunt Coils		
Series "		
Interpole "		
Armature "		
Machine "		
Coupling		

Pulley diameter face

ORDER No. 33205. Ordered by

Date of Despatch 6-2-34 to

Testing Engineer

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