

## D.C. TEST SHEET.

Order No. 60419Date May 16<sup>th</sup> 1936

Shunt

Series

Compound

Dynamo

with Interpoles.

Motor

Volts 100H.P. 8 K.W. 8R.P.M. 350N.L. 80  
Amps. F.L. 80SPECIAL SPLIT FRAME & OPEN RING TYPEType R.N. 114 PoleNO BEDPLATETWO PEDESTAL BEARINGS

Mechanical Details.	Brush Particulars.	Windings.	Nameplate Particulars.
Lubrication <u>Ring</u>	Brush Holder <u>N° 11</u>	Armature <u>Series Parallel</u>	<u>Stamford Electrical Ltd.</u>
Shaft Diameter <u>2</u>	No. of Arms <u>4</u>	S.W.G. ....	Machine No. <u>30279</u>
<u>Pulley 1/2 Coupling</u>	Brushes per Arm <u>3</u>	Turns per Section ....	Volts <u>100</u>
Pole Piece <u>Lam</u>	No. of Comm <sup>or</sup> Bars <u>148</u>	S.W.G. ....	H.P. ....
Enclosure <u>O.P.</u>	Carbons <u>8 N° 7 E.G.</u>	Field lb. per pole ....	Amps <u>80</u>
Rails <u>—</u>		S.W.G. ....	R.P.M. <u>350</u>
Rotation looking at .....		Interpole Turns per pole ....	Rating <u>Cont.</u>
Commutator End <u>Anti-Clockwise</u>		S.W.G. ....	Type <u>R.N. 11</u>
Terminal Box No. <u>3</u>	<u>MA J A</u>	Compound Turns per pole ....	Armature No. <u>34685</u>

Time.	Volts.	Amps.	R.P.M.	Shunt Current.	Field.	Final Temperature after ... Hrs. F.L. Heat Run			Resistances.	
Light Load	100	—	300	4.3	Full	Average Air Temp. <u>68°</u>	Temp. °F.	Rise F.	Cold ohms.	After Test ohms.
	100	80	330	4.3	Regulator in	Armature	137°	69		
	100	80	350	2.9		Shunt Coils	135	67		
	100	80	350	2.85		Interpole	135	67		
	100	80	350	2.85		Commutator	137	69		
	100	80	350	2.85		Insulation Test <u>6</u> Megohms.				
	100	80	350	2.8		Windings flashed				
	100	80	350	2.75		on <u>1000</u> Volts A.C.				
	101	—	360	2.75						

Tested by A. JamesDate of Despatch May 16<sup>th</sup> 1936

Inspected by

Remarks  
See Over.

003106-003115-0274