

D.C. TEST SHEET.

Order No. 116

Date 9/6/1945

Hull Report No. 53284

Shunt

Series

Compound

Dynamo

Motor with Interpoles.

Type RNG 4 Pole

Volts 110

~~HP~~ KW 6

R.P.M. 500

N.L.
Amps. F.L. 55

Mechanical Details.	Brush Particulars.	Windings.	Nameplate Particulars.
Lubrication <u>Oil</u>	Brush Holder <u>KAG4</u>	Armature Series Parallel	<u>Stanford Elec Co</u>
Shaft Diameter <u>2"</u>	No. of Arms <u>4</u>	S.W.G. <u>-</u>	Machine No. <u>39835</u>
Pulley <u>coupling</u>	Brushes per Arm <u>2</u>	Turns per Section <u>-</u>	Volts <u>110</u>
Pole Piece <u>ham</u>	No. of Comm ^r Bars <u>123</u>	S.W.G. <u>-</u>	H.P. <u>-</u>
Enclosure <u>EV</u>	Carbons <u>8 KAG4</u>	Field S.W.G. <u>-</u>	Amps <u>55</u>
Rails <u>-</u>	<u>EG</u>	lb. per pole <u>-</u>	R.P.M. <u>500</u>
Rotation looking at Comm ^r End <u>Anti-clock</u>		S.W.G. <u>-</u>	Rating <u>Cont</u>
Diagram No. <u>21</u>		Interpole Turns per pole <u>-</u>	Type <u>RNG</u>
Terminal Box No. <u>3</u>		S.W.G. <u>-</u>	Armature No. <u>39835</u>
		Compound Turns per pole <u>-</u>	

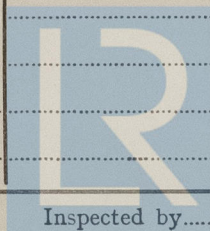
	Volts.	Amps.	R.P.M.	Shunt Current.	Final Temperature after . . . Hrs. F.L. Heat Run	Resistances in ohms
Light Load Full Field	<u>166</u>	<u>-</u>	<u>500</u>	<u>3.95</u>	Final Air Temp. . . . °F. Temp. °F. Rise ° F.	Cold at 60 °F After Test
Full Load " Full Field	<u>156</u>	<u>55</u>	<u>500</u>	<u>3.7</u>	Armature	<u>.15</u>
Full Load Normal V Full Field	<u>110</u>	<u>55</u>	<u>420</u>	<u>2.65</u>	Shunt	<u>.39</u>
Light Load Shunt Reg.	<u>31</u>	<u>-</u>	<u>500</u>	<u>.25</u>	Compound	<u>.06</u>
Full Load Shunt Reg.	<u>110</u>	<u>55</u>	<u>500</u>	<u>1.89</u>	Interpole	<u>.08</u>
Full Load Comp. Cutout	<u>108</u>	<u>-</u>	<u>510</u>	<u>1.85</u>	Commutator	
$\frac{1}{2}$ hour	<u>110</u>	<u>55</u>	<u>500</u>	<u>1.89</u>	Insulation Test. <u>50</u> Megohms.	
1 hour						
1 $\frac{1}{2}$ hours						
2 hours					Windings flashed	
3 hours					on <u>1500</u> Volts A.C. for 1 minute.	
4 hours						
Light Load						
$\frac{1}{4}$ F.L. Full Field						
$\frac{1}{4}$ F.L. Field Reg.						
$\frac{1}{4}$ F.L. Norm. V.						
$\frac{3}{4}$ Load						
$\frac{1}{2}$ Load						

Tested by 189

Date of Despatch -

Inspected by -

Remarks.
See Over.



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1520-719010-299010