

KATO

hant

Inter

/

hms

V.V.

mps

Volts FL

Speed FL

Volts

Type

Type

/2

THE MACFARLANE ENGINEERING CO. LTD.

NETHERLEE ROAD, CATHCART

GLASGOW

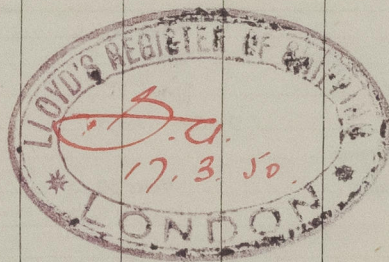
Job No. **30729/E.**

TEST SHEET

Type **Alternator.**Mrs. Ruston & Hornsby Ltd. C.W. Rotation **Common S.R.** Shaft End of Gen. **Motor**

A.C. Generator/ALTERNATOR		D.C. Motor and/or GENERATOR/EXCITER	
P.F. .9	Volts 440/250 Ph 3	H.P./KW	Volts 28 Speed 3000
Syn. Speed	1000	Arm. Amps	Shunt Amps
FL Amps	82	Machine Amps	60
on	Connection	Int/Comp. Resist. (Hot)	
Rotor/Field Amps		Series Resist. (Hot)	
Stat/Rot. O.C. V ratio		Shunt Resist. (Hot)	
A.G. .04"		A.G. Poles	A.G. Interpoles
hms	Amps	Reglr. Banco T50	Ohms - 58 Amps
Field		Note:	
Rating Cont.		Starter	
		Enclosure D.P.F.V.	Rating Cont.

Control Amps	Speed	Volts	Amps		
0.5	1000	25.5	60	Cold	
0.5	1000	27	60	Hot	
Full Load/No Load Regulation					
Regulator Range.					
Temperature Rise - Alternator 67°F.					
" - Exciter 74°F.					
Rotation A - B - C					
Full Load	86%				
Half Load	82%				



Final Airgap			
Amps FL 82	Amps. NL 22	Amps. FL 60	
Volts FL 440	Volts NL 10	Volts FL 27	
Speed FL 1000	Speed NL 3000	Speed FL 3000	
Sh. Cir. 6	Insulation to Frame	Megohms	
Megohms	Flashed to Frame 2000	Volts 50	1 Mins.
2000 Volts 50	Brushes 4-1" x 3" SMO	4-1" x 3" EOL2K	
1 Mins	Commutation Good		
Type T50	Starter	Type	
Type T50	Regulator	Type	
58 Ohms; 430 Volts / 484 Volts	Range	Ohms; Volts / Volts	

[illegible]

Final Airgap	Final Airgap
Amps NL..... Amps FL.....	Amps. NL..... Amps. FL.....
Volts NL..... Volts FL.....	Volts NL..... Volts FL.....
Speed NL..... Speed FL.....	Speed NL..... Speed FL.....
Sh.Cir.Volts..... Sh. Cir. Amps.....	Insulation to Frame.....
Insulation to Frame..... Megohms	Flashed to Frame..... Volts 50..... Mins
Flashed to Frame..... Volts 50..... Mins	Brushes.....
Brushes.....	Commutation.....
Starter..... Type.....	Starter..... Type.....
Regulator..... Type.....	Regulator..... Type.....
Range..... Ohms / Ohms; Volts / Volts	Range..... Ohms / Ohms; Volts / Volts

Lloyd's Register
Foundation

Tested by R. McB. Date 29/10