

Blackburn C.
James W. Book TC (Lombard) *Li Year 1885.*
Special Report 110140777. Order No. 202389

Messrs. R. A. LISTER & CO. LTD.

Contract or Job No. BRUSTON M. 30839

PARTICULARS OF TEST

Date 23-10-58

TYPE ~~Totally Enclosed.~~
Ventilated Enclosed Louvred.

RATING CONTINUOUS

GENERATOR No. 20570A

MOTOR No.

SIZE No. D5

LOAD 68

AMPS. 72

K.W.

B.H.P. 110

VOLTS 1035
1000

R.P.M. LIGHT

R.P.M. LOADED

STYLE OF WINDING COMPOUND

DATE OF TEST 21.1.59

TIME	AMPS.	VOLTS	R.P.M.	SHUNT AMPS.	MOTOR AND GENERATOR	GENERATOR ONLY
8-30	0	142	1035	4.05	No Load Cold	No Regulation
	0	110	1035	2.0	No "	With Regulation
	68	113	1000		Full "	" "
2-30	0	110	1035	2.0	No Load Warm	" "
	68	110	1000		Full "	" "
	0	133	1035	3.3	No Load Warm	No Regulation
	68	128	1000		Full "	" "
					25% Overload for 1/2 Hour	
	85	110	1000	2.1	25% " for 2 Hours	
	102	110	1000		50% " for 1 Minute	

MACHINE SET TO RUN CROOKWISE

RISE

LOOKING AT COMMUTATOR END

INSULATION RESISTANCE

TEMPERATURE: ATMOSPHERE CENT.

16

HOT 20 MEGOHMS

COLD MEGOHMS

COMMUTATOR

45 29

ARMATURE AND
POLE PIECE }
ARMATURE }
BACK END }

49 33

SHUNT

42 26

SERIES

44 28

INTERPOLES

NAME-PLATE SPEED 1000 R.P.M.

2000 VOLT A.C. TEST (One Minute) O.K.

SHUNT
TESTED WITH REGULATOR NO.

per pro. DAVID McCCLURE, Ltd.

DAVID McCCLURE, Ltd., Electrical Engineers, Range Road, Adswood, STOCKPORT.

010137-010149-0025