

MAWDSLEY'S LIMITED, DURSLEY, GLOS.

TEST SHEET on SHUNT MOTOR

Ref. DC.12774 Order No. 36269/H2473 Frame 70R No. 3574
 For Stothert & Pitt Ltd. 335 E
 Type Drip Proof Rating Cont. Fan Yes
 Volt 220 Total Amps 8.77 H.P. 2 K.W. Speed 810

Time	Input Volts:	Arm. Input Amps.	Output		Field		Speed	Brush Position	H.P.	Remarks
			Volts	Amps	Volts	Amps				
										No load reading
9.00	220	8.5			220	.45	740			Loaded
10.00	220	8.5			220	.43	760			"
11.00	220	8.5			220	.42	770			"
12.00	220	8.5			220	.41	780			"
1.00	220	8.5			220	.40	790			"
2.00	220	8.5			220	.40	800			"
3.00	220	8.5			220	.39	810			"

HENRY ROBB. YARD 335
 FUEL OIL TRANSFER

100% overload O.K.

220	.45	220	.39	890	No load as Motor Hot
Armature Resistance (2.15 ohms (excluding brushes)) Interpole Resistance 66°F. (0.63 " Series Starting Resistance Compound Resistance					Clock Comm. End Anti-Clock Comm. End Reversing
Rotation					

Remarks on Test :— M1288



Bearings (Type) Ball & Roller	Date 1.6.43
Brush gear Type Zone No. of Lines 4 Size 7 x 3 Holders/line Grade HM6.	
Armature Temp. °F 112 Rise 44 Shunt 92 24 Compound 88 20 Interpole 88 20 Comm. 96 28 Frame 68 Air	Tested by :— I.R. to earth 30 megohms F.H. I.P. to shunt 30 megohms In Presence of :— Shunt Compound Mr. Brook Smith Flash Volts 2000 A.C. Time 1.11.43

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