

B.S.A. CYCLES LTD.

SERVICE SHEET No. 63a.

November, 1936.

PISTON RING BUTT END CLEARANCES.

1 9 3 6

No.	Model.	Bore.	BUTT END JOINTS.	
			90° Joint	45° Joint
X0	1.49 h.p. O.H.V.	52 mm.	.007-.011	.005-.009
B1	2.49 h.p. S.V.... ..	63 "	.008-.012	.006-.010
B2	2.49 h.p. O.H.V.	63 "	" "	" "
B18	2.49 h.p. O.H.V. Light de Luxe ...	63 "	" "	" "
B3	2.49 h.p. O.H.V. de Luxe	63 "	" "	" "
R4	3.48 h.p. O.H.V. de Luxe	71 "	.010-.014	.008-.012
R19	3.48 h.p. O.H.V. Competition ...	71 "	" "	" "
R17	3.48 h.p. O.H.V. Standard... ..	71 "	" "	" "
R5	3.48 h.p. O.H.V. Empire Star (hardened cylinder barrel) ...	71 "	" "	" "
R20	3.48 h.p. O.H.V. Blue Star	71 "	" "	" "
W6	4.99 h.p. S.V.	85 "	.014-.018	.011-.015
Q7	4.96 h.p. O.H.V.	82 "	.013-.017	.010-.014
Q8	4.96 h.p. O.H.V. Empire Star (hardened cylinder barrel) ...	82 "	" "	" "
Q21	4.96 h.p. O.H.V. Blue Star	82 "	" "	" "
J12	4.98 h.p. O.H.V. Twin	63 "	.008-.012	.006-.010
M10	5.95 h.p. S.V. Twin	85 "	.014-.018	.011-.015
Y13	7.48 h.p. O.H.V. Twin	71 "	.010-.014	.008-.012
G14	9.86 h.p. S.V. Twin	80 "	.013-.017	.010-.014

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B20	250 c.c. S.V.	63 "	.008-.012	.006-.010
B21	250 c.c. O.H.V.	63 "	" "	" "
B22	250 c.c. O.H.V. Empire Star (hardened cylinder barrel) ...	63 "	" "	" "
B23	350 c.c. S.V.	71 "	.010-.014	.008-.012
B24	350 c.c. O.H.V. Empire Star ...	71 "	" "	" "
B25	350 c.c. O.H.V. (hardened cylinder barrel)	71 "	" "	" "
B26	350 c.c. O.H.V.	71 "	" "	" "
M19	350 c.c. O.H.V. (hardened cylinder barrel)	68.8 "	" "	" "
M20	500 c.c. S.V.	82 "	.013-.017	.010-.014
M21	600 c.c. S.V.	85 "	.014-.018	.011-.015
M22	500 c.c. O.H.V. (hardened cylinder barrel)	82 "	.013-.017	.010-.014
M23	500 c.c. O.H.V. Empire Star (hardened cylinder barrel) ...	82 "	" "	" "
Y13	750 c.c. O.H.V.	71 "	.010-.014	.008-.012
G14	1000 c.c. S.V.	80 "	.013-.017	.010-.014