

# B.S.A. CYCLES LIMITED.

Service Sheet No. 24.

"Service," January, 1933

MODEL.		STANDARD SPROCKETS.			SUITABLE SPROCKETS		GEAR RATIOS.			
1933.		Home.	Overseas.	Sidecar.	Component Number.	Number of Teeth.	4th.	3rd.	2nd.	1st.
B33-1	2.49 h.p. S.V. ... ..	16	16	—	29-974	16	—	6.6	9.8	14.5
B33-2	2.49 h.p. O.H.V., S.P. ...	17	16	—	29-975	17	—	6.2	9.3	13.6
B33-3	2.49 h.p. O.H.V., Blue Star Junior ... ..	17	16	—	27-293	16	6.7	8.8	13.8	20
					27-297	17	6.2	8.2	12.9	18.6
					27-298	18	5.9	7.8	12.2	17.6
					27-299	19	5.6	7.4	11.5	16.7
					27-300	20	5.3	7.0	10.9	15.8
27-301	21	5.0	6.6	10.3	14.9					
R33-4	3.48 h.p. O.H.V. ... ..	21	21	18	15-1568	16	7.5	9.8	15.4	22.0
					15-1567	17	7.0	9.3	14.5	21.0
					15-1566	18	6.7	8.8	13.8	20.0
					15-1565	19	6.3	8.4	12.9	18.8
R33-5	3.48 h.p. O.H.V., Blue Star...	21	21	18	15-1564	20	6.0	7.9	12.4	18.0
					15-1560	21	5.7	7.5	11.7	17.0
					15-1561	22	5.4	7.2	11.2	16.2
					15-1562	23	5.2	6.9	10.7	15.5
W33-6	4.99 h.p. S.V. ... ..	19	19	17	15-1568	16	6.3	8.4	12.9	18.8
W33-7	4.99 h.p. O.H.V. ... ..	21	20	18	15-1567	17	5.9	7.8	12.2	17.6
W33-8	4.99 h.p. O.H.V., Blue Star...	21	20	18	15-1566	18	5.6	7.4	11.5	16.7
W33-9	4.99 h.p. O.H.V., Special ...	21	21	18	15-1565	19	5.3	7.0	10.9	15.8
					15-1564	20	5.0	6.6	10.3	14.9
					15-1560	21	4.8	6.4	9.9	14.3
M33-10	5.95 h.p. S.V. ... ..	21	21	18	15-1568	16	6.5	8.6	13.6	19.5
					15-1567	17	6.2	8.2	12.9	18.6
					15-1566	18	5.9	7.8	12.2	17.5
					15-1565	19	5.6	7.4	11.5	16.7
M33-11	5.95 h.p. O.H.V. ... ..	22	22	19	15-1564	20	5.4	7.1	11.0	15.7
					15-1560	21	5.1	6.7	10.5	15.2
					15-1561	22	4.8	6.4	9.9	14.3
					15-1562	23	4.6	6.1	9.5	13.6
G33-12	9.86 h.p. S.V., Light ... ..	23	23	22	15-1563	24	4.4	5.9	9.1	13.1
					15-1569	25	4.2	5.6	8.7	12.6
G33-13	9.86 h.p. S.V., W.T. ... ..	20	20	19	25-257	15	—	5.8	9.4	15.2
					25-258	16	—	5.5	8.8	14.3
					25-259	17	—	5.2	8.3	13.4
					25-260	18	—	4.9	7.9	12.7
					25-261	19	—	4.7	7.5	12.0
25-262	20	—	4.5	7.1	11.4					