

		TECHNICAL
Réservoir	Petrol tank capacity galls.	A.7 2 or 4
moteur	Oil tank capacity pints	5½
B. Vitesse	Gearbox capacity fl. oz.	14 (400 c.c.)
roue	Front Fork capacity BSA .. fl. oz.	7½ (213 c.c.)
Ch. Prim.	Primary chain oil bath fl. oz.	8 (225 c.c.)
	Bore (m.m.)	66
	Stroke (m.m.)	72.6
capacité	Capacity (c.c.) cm ³ cylindrée	497
Soupape	Valve clearance (cold) inlet admission	.008"
 exhaust échappement	.010"
taux compression	Compression ratio	7.25-1
	Piston ring gap maximum	.013"
 minimum	.009"
	Valve timing inlet ouvert opens b.t.d.c.	42°
	fermé closes a.b.d.c.	62°
	exhaust ouvert opens b.b.d.c.	67°
	fermé closes a.t.d.c.	37°
	Contact breaker gap012"
	Ignition timing—piston distance b.t.d.c. with points just opening	¼" (7.9 m.m.)
	Spark plug	*L7
	Plug points gap maximum	.020"
ecartements du couple minimum	.018"
	Gear ratios Top	Solo 5.28 : S'car 5.9
	Third	6.28 : 7.02
	Second	9.28 : 10.35
	First	13.62 : 15.2
	Clutch friction plates	5
	Tyre size front	3.25-19
 rear	3.50-19
	Tyre pressure (p.s.i.) front	17
 rear	19
	Wheel rims	WM2-19
	Chain size and pitches: front	68
Secondaire rear	98
	Teeth on rear chainwheel	Solo 42 : S'car 42
	engine sprocket	18 : 18
	clutch sprocket	43 : 43
	gearbox sprocket	19 : 17
	Total front fork movement	5½" (14.6 c.m.)
	Total rear suspension movement	4" (10.2 c.m.)
	Brake dimension front	7" x 1½"
 rear	7" x 1½"
	Carburettor bore	1½"
	main jet	210
	pilot jet	25
	throttle valve	376/3½
	needle position	2
	needle jet1065
Air Cleaner	C & W

DATA

	A7 S.S.	A10 G.F.	A10 S.R.
	2 or 4	2 or 4	2 or 4
	5½	5½	5½
	14 (400 c.c.)	14 (400 c.c.)	14 (400 c.c.)
	7½ (213 c.c.)	7½ (213 c.c.)	7½ (213 c.c.)
	8 (225 c.c.)	8 (225 c.c.)	8 (225 c.c.)
	66	70	70
	72.6	84	84
	497	646	646
	.008"	.008"	.008"
	.010"	.010"	.010"
	8.0-1	7.25-1	8.25-1
	.013"	.013"	.013"
	.009"	.009"	.009"
	42°	42°	42°
	62°	62°	62°
	67°	67°	67°
	37°	37°	37°
	.012"	.012"	.012"
	¼" (9.5 m.m.)	½" (10.6 m.m.)	½" (10.6 m.m.)
	N3	L7	N3
	.020"	.020"	.020"
	.018"	.018"	.018"
	Solo 5.28 : S'car 5.9	Solo 4.53 : S'car 5.28	Solo 4.53 : S'car 5.28
	6.38 : 7.02	5.48 : 6.28	5.48 : 6.28
	9.28 : 10.35	7.96 : 9.28	7.96 : 9.28
	13.62 : 15.2	11.68 : 13.62	11.68 : 13.62
	5	5	5
	3.25-19	3.25-19	3.25-19
	3.50-19	3.50-19	3.50-19
	17	17	17
	19	19	19
	WM2-19	WM2-19	WM2-19
	68	68	68
	98	98	98
	Solo 42 : S'car 42	Solo 42 : S'car 42	Solo 42 : S'car 42
	18 : 18	21 : 18	21 : 18
	43 : 43	43 : 43	43 : 43
	19 : 17	19 : 19	19 : 19
	5½" (14.6 c.m.)	5½" (14.6 c.m.)	5½" (14.6 c.m.)
	4" (10.2 c.m.)	4" (10.2 c.m.)	4" (10.2 c.m.)
	8" x 1½"	8" x 1½"	8" x 1½"
	7" x 1½"	7" x 1½"	7" x 1½"
	1"	1½"	1½"
	270	250	420
	30	30	25
	376/3½	389/3½	389/3
	3	3	2
	.1065	.106	.106
	Vokes (if fitted)	C & W	—