Models: 1400CL Saloon; 1600CL Saloon and Estate; Supermirafiori 2000 Saloon

	ENGINE	1400	1600	2000
1.	Type	Single O.H.C.		Twin O.H.C.
2.	Cooling system	Water pump, radiator,		electric fan,
3.	Number of cylinders	4 (direct in block)		[thermostat
4.	Firing order	1—3—4—2 (No. 1 front)		
4a.	Idling speed	—		
5.	Bore	78mm.	84mm.	84mm.
6.	Stroke	71·5mm.	71·5mm.	90mm.
7.	Cubic capacity	1365cm.³	1585cm.³	1995cm.³
8.	Compression ratio	9:1	9·1:1	9:1
9.	Brake horse-power	70 at 5500	85 at 5600	113 at 5600
10.	Torque (DIN) kg.m. (lb.ft.)	11 (79·6)	12·7 (91·9)	17 (123)
	—at r.p.m.	3000	3000	3600
11.	Piston oversizes	0·2, 0·4, 0·6mm.		[crown
12.	Piston clearance in bore	0·070/0·090mm., 52·4±0·254mm. from		
13.	Piston rings—number	1 compression, 2 oil		
14.	Piston rings—width	(1) 1·478/1·490mm.; (2) 1·980/2·000 mm.; (3) 3·925/3·937mm.		
15.	Piston rings—groove cl'nce	(1) 0·045/0·077mm.; (2) 0·030/0·070 mm.; (3) 0·030/0·062mm.		
16.	Piston rings—gap (in bore)	(1) (2) 0·30/0·45mm.; (3) 0·25/0·40		
17.	Oil pressure (normal)	3·5/5kg./cm.²		
18.	Gudgeon pin diameter	21·991/21·997mm. in 2 grades		
19.	Gudgeon pin fit in piston	0·002/0·008mm. clearance		
20.	Gudgeon pin fit in con. rod	0·010/0·016mm. clearance		
21.	Crankpin undersizes (A)	48·234/48·244mm.		50·792/50·802
	(B)	48·224/48·234mm.		50·782/50·792
22.	Crankpin undersizes	·010, ·020, ·030, ·040in.		
25.	Big-end bearing clearance	0·030/0·074mm.		0·021/0·065
27.	Main journal diameter	52·985/53·005mm.		
28.	Main journal undersizes	·010, ·020, ·030, ·040in.		
29.	Main bearings	5		
31.	Main bearing clearance	0·032/0·077mm.		
32.	Crankshaft end-float	0·055/0·305mm. (·002/·012in.)		
33.	Crankshaft end-thrust on	Rear main bearing		
36.	Camshaft bearing cl'nce	(1) 0·049/0·090mm.; (2) (3) 0·029/ 0·070mm.		
38.	Camshaft drive type	Toothed belt		
40.	Valve stem diameter	7·974/7·992mm.		
41.	Valve seat angle	45°±5′ (face angle, 45° 30′+5′)		
44.	Valve stem/guide cl'ance	0·030/0·066mm. (·001/·0026in.)		
47.	Valve cl'nce (cold) —I	0·30 (·012)	0·30 (·012)	0·45 (·018)
	—mm. (in.) —E	0·40 (·016)	0·40 (·016)	0·50 (·020)
49.	Valve timing —1400/1600	2°BT—42°AB—42°BB—2°AT		
	—2000	5°BT—53°AB—53°BB—5°AT		

FUEL SYSTEM

50.	Petrol pump	Mech.; 0·2/0·3kg./cm.² (2·8/4·3lb./in.²)					
51.	Carburettor —**Weber**	32ADF51		32ADF50		34ADF54	
52.	Choke tube (Venturi) mm.	23	23	23	23	24	26
53.	Main jet	115	120	117	120	122	130
54.	Compensating jet	165	165	185	170	170	175
55.	Slow-running jet	50	50	50	60	50	90
57.	Emulsion tube type	F73	F73	F73	F73	F20	F5
58.	Accel. pump jet —Mech.	50		45		45	
	—Pneum.	40		40		40	
62.	Needle valve	1·75mm.		1·75mm.		1·75mm.	
63.	Float level—mm.	6±0·25		6±0·25		6±0·25	

51.	Carburettor —**Solex**	C32TEIE/7		C32TEIE/8	
52.	Choke tube (Venturi) mm.	23	23	23	23
53.	Main jet	120	125	125	125
54.	Compensating jet	160	180	170	190
55.	Slow-running jet	45	45	50	40
57.	Emulsion tube type	86	87	86	87
58.	Accel. pump jet —Mech.	50		50	
	—Pneum.	50		50	
62.	Needle valve	1·6mm.		1·6mm.	
63.	Float level—mm.	9·5±0·5		9·5±0·5	

TRANSMISSION

101.	Type	Rear-wheel drive		
103.	Gearbox (manual)	5-speed		
104.	Gearbox (automatic)	3-speed (1600 only)		
105.	Gearbox ratios (manual)	0·834; 1; 1·357; 2·045; 3·612: R.,		
105a.	Gearbox ratios (auto.)	1; 1·48; 2·40; R., 1·92:1		[3·244:1
107.	Drive shafts	Semi-floating		
108.	Final drive gear	Hypoid		
109.	Final drive ratio	4·1:1	3·9:1 [*3·583]	3·583:1
	*Auto.	(41/10)	(39/10) (43/12)	(43/12)

111. Crown wheel/pinion b'lash 0·10/0·15mm. (·004/·006in.)
112. Pinion bearing pre-load ... 14/16kg.cm. (12·4/14·2lb.in.)
113. Diff. bearing pre-load ... 0·035/0·055mm. cap spread

BRAKES (Dual circuit)

201. Front (Discs) ... ... 227mm.×9·95/10·15. Min.: regrind, 9·35; wear, 9·0mm.
202. Rear (Drums) ... ... 228·3/228·6mm. Max.: regrind, +0·8; wear, 230mm.
203. Handbrake ... ... Mechanical, on rear drums
204. Linings—front ... ... Min. pad thickness, 1·5mm.
205. Linings—rear ... ... 168×39·5/40·5×5·2/5·5 (minimum
206. Power assistance ... Master-Vac [4·6mm.)

STEERING (see also "Dimensions")

301. Type ... ... Rack and pinion ('2000' power)
302. Camber angle ... ... −0° 10′/+0° 50′
303. Castor angle ... ... 3° 45′/4° 45′
305. Wheel alignment (front) ... Toe-in 4/8mm.
306. Condition for checking ... Unladen

FRONT SUSPENSION

401. Type ... ... Coil spring/struts; anti-roll bar

REAR SUSPENSION

501. Type ... ... Rigid axle; coil springs; trailing arms; Panhard rod

	ELECTRICAL SYSTEM	1400	1600	2000
601.	Ignition timing—static	10° BT	10° BT	10° BT
602.	Sparking plugs	Bosch W7D; Champion N9Y; Marelli, CW7LP		
603.	Sparking plug gap	0·6/0·7mm. (·024/·027in.)		
605.	Contact br. gap—mm.(in.) [*Rotor air gap]	0·40±0·03 (·015/·017)		*0·30/0·40 (·012/·016)
605a.	Dwell angle	55°±3°		—
606.	Centrifugal advance	24°±2°		
613.	Alternator	Marelli or Bosch, 45A.		

CAPACITIES

701.	Engine oil —Total (dry)	4·27 (7·5)	4·27 (7·5)	5·05 (8·9)
	—litres (pts.)—Oil change	3·87 (6·8)	3·87 (6·8)	3·98 (7·0)
702.	Gearbox	1·8 litres (3·2 pints); auto., 2·8 (4·9)		
703.	Differential	1·0 litre (1·8 pints)		[refill
704.	Cooling system—litres (pts.)	7·6 (13·4)	7·4 (13·0)	8·2 (14·4)
705.	Fuel tank	55 litres (12·1 gallons); Estate, 50 (11·0)		
706.	Tyre size	165SR13	175/70SR13	185/70SR13
707.	Tyre pressures —Front	1·76 (25·5)		1·86 (27)
	—bar (lb./in.²) —Rear	1·76 (25·5)		1·96 (28·5)
709.	Servicing intervals	6000 (major 12,000) miles		

DIMENSIONS

801.	Length overall	14ft. 0in. (2000, 13ft. 10·5in.)		
802.	Width overall	64·75in.		
803.	Height overall (unladen)	55·5in. (Estate, 56in.)		
804.	Weight (kerb)	1025kg. (20·18cwt.)	1025kg. Est. 1050	**1080kg. (21·26cwt.)**
806.	Track —Front	54·5in.		
	—Rear	54·25in.		
807.	Wheelbase	98in.		
808.	Turning circle diameter	10·3m. (33ft. 10in.)		

	TORQUE SPANNER DATA	kg.m.	lb.ft.
901.	Cyl. head nuts (in stages)	(1) 2·0; (2) 4·0 (3)+90°; (4)+90°	(1) 14·5; (2) 29 (3)+90°; (4)+90°
	—Extension bolts	2·2	16
902.	Big-end bearing nuts	5·2 (2000, 7·5)	38 (2000, 54)
903.	Main b'ring bolts —Front	8·2	59
	—Others	11·5	83
905.	Flywheel bolts	8·5 (2000, 14·5)	61 (2000, 105)
906.	Clutch to flywheel —1400	1·6	11·6
	bolts —1600	3	22
	—2000	3·9	28
908.	Crown wheel bolts	10	72
910.	Road wheel bolts	8·8	64
911.	Steering wheel nut	...	

BODY AND CHASSIS

1001. Type of construction ... Integral
1002. Material of body panels ... Steel
1003. Windscreen glass (stand.) Toughened (2000 laminated)

Note: The models above were introduced into the U.K. in 1982 to replace those shown on the following three pages and for which certain additional data have been included