

General Data

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PERFORMANCE

							Saloon and Van		Sport Saloon
							HC	LC	
BHP gross	...	...	...	...	...	...	41.7	37	55
net	...	...	...	...	...	...	39	34	51
@ r.p.m.	...	...	...	...	...	...	5000	4900	6100
Max. torque (net) in lbs./ft. (kg.m)	...	...	...	...	...	...	52 (7.1)	49 (6.7)	52 (7.1)
Max. BMEP in lbs./in ² (kg.cm ²)	...	...	...	...	...	...	147 (20.3)	139 (19.2)	147 (20.3)
@ r.p.m.	...	...	...	...	...	...	2800	2800	4300

ROAD SPEED/ENGINE SPEED

Road speed at 1,000 engine r.p.m.

GEAR							
Top	...	...	...	...	...	...	15.0 m.p.h. (24.1 kph)
Third	...	...	...	...	...	...	10.9 m.p.h. (17.5 kph)
Second	...	...	...	...	...	...	6.9 m.p.h. (11.1 kph)
First	...	...	...	...	...	...	3.7 m.p.h. (5.9 kph)
Reverse	...	...	...	...	...	...	4.4 m.p.h. (7.0 kph)

CYLINDER BLOCK (for torque loading figures see table at end of section)

Material	...	...	...	...	...	...	Aluminium with fixed cast iron liners
Max. oversize	...	...	...	...	...	...	.030 in. (.76 mm)

CYLINDER HEAD (for torque loading figures see table at end of section)

Material	...	...	...	...	...	...	Aluminium
Gasket—Type	...	...	...	...	...	...	Composite
Valve seat inserts int. fit	...	...	...	...	...	...	.0025/.0045 in. (.063/.114 mm)

VALVES

Position and operation	...	...	...	...	...	Overhead camshaft	
Tappet clearance (cold)						<i>Inlet</i>	<i>Exhaust</i>
—Saloon Mk. I	...	...	...	...	...	.004/.006 in. (.10/.15 mm)	.006/.008 in. (.15/.20 mm)
—Saloon Mk. II and Van	...	...	...	...	...	.004/.006 in. (.10/.15 mm)	.010/.012 in. (.25/.30 mm)
—Sport Saloon	...	...	...	...	...	.006/.008 in. (.15/.20 mm)	.013/.015 in. (.33/.38 mm)
						<i>Saloon & Van</i>	<i>Sport Saloon</i>
Timing—Inlet opens	...	...	...	...	...	6° B.T.D.C.	23° B.T.D.C.
— „ closes	...	...	...	...	...	46° A.B.D.C.	53° A.B.D.C.
—Exhaust opens	...	...	...	...	...	46° B.B.D.C.	61° B.B.D.C.
— „ closes	...	...	...	...	...	6° A.T.D.C.	15° A.T.D.C.
Tappet clearance for valve timing checks	...	...	...	...	...	.010 in. (.25 mm)	.014 in. (.35 mm)
Head diameter (<i>Imp/Chamois Mk. I</i>)—Inlet	...	...	...	...	...	1.066/1.062 in. (27.07/26.97 mm)	
—Exhaust	...	...	...	...	...	1.012/1.008 in. (25.70/25.60 mm)	
Head diameter (<i>Imp/Chamois Mk. II & Van</i>)—Inlet	...	...	...	...	...	1.204/1.200 in. (30.58/30.48 mm)	
—Exhaust	...	...	...	...	...	1.066/1.062 in. (27.07/26.97 mm)	
Head diameter (<i>Sport Saloon</i>)—Inlet	...	...	...	...	...	1.278/1.274 in. (32.46/32.35 mm)	
—Exhaust	...	...	...	...	...	1.066/1.062 in. (27.07/26.97 mm)	
Stem diameter—Inlet and exhaust	...	...	...	...	...	.2780/.2775 in. (7.06/7.05 mm)	
Angle of valve seats and faces	...	...	...	...	...	45°	
Stem clearance in guide—Inlet and exhaust	...	...	...	...	...	.002/.003 in. (.05/.07 mm)	