

Volvo S60 R

Preliminary figures

ENGINES

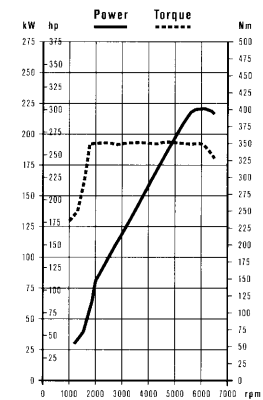
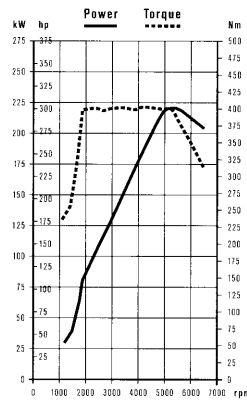
	B5254T4 (manual gearbox)	B5254T4 (automatic gearbox)
Type	In-line 5 cylinder, with turbo	In-line 5 cylinder, with turbo
Configuration	Transverse, all wheel drive	Transverse, all wheel drive
Displacement, cm ³	2521	2521
Engine cylinder block material	Aluminium	Aluminium
Cylinderhead material	Aluminium	Aluminium
Combustion chamber type	Pent-roof	Pent-roof
Compression ratio	8.5	8.5
Valvetrain	DOHC, 4 valves/cylinder. Continuously Variable Valve Timing (CVVT) on inlet and exhaust	
Ignition sequence	1-2-4-5-3	1-2-4-5-3
Engine idling speed	720	720
Fuel, rec. octane	98 RON	98 RON
Max engine speed (rpm)	6500 (6800 3 sec)	6500 (6800 3 sec)
Max output, kW (hp)/rpm.	220,6 (300)/5500	220,6 (300)/6000
Max output, kW (hp)/rpm. //figures for US	224 (300)/5500	224 (300)/5500
Max torque, Nm/rpm.	400/1950-5250	350/1850-6000

TRANSMISSIONS

6-speed manual gearbox. 5-speed automatic with geartronic, electronically controlled with Sport Mode selection.

Ratio	M66	AW 55-51
First	3.38	4.66
Second	2.05	3.03
Third	1.43	1.98
Fourth	1.09	1.34
Fifth	0.87	1.02
Sixth	0.7	
Reverse	3.20	5.11

Manual gearbox/final drive	M66/3.77	M66/3.77
Automatic transmission/final drive	AW55-51 /2.65	AW55-51 /2.65
Installation	Electronically controlled AWD (All Wheel Drive)	



PERFORMANCE

Gearbox	Manual	Automatic
Acceleration, 0-100 km/h (sec) / 0-60 mph (sec)	5.7/5.4	7.5/(7.2)
Top speed, electronically controlled km/h / mph	250/155	250/155
Fuel consumption 1/100 km* (EC 17/1999, combined) (Figures within brackets valid for lower inertia class)	n.a.	n.a.
CO ₂ g/km (EU04, LEV1)	n.a.	n.a.

CHASSIS

Semi active chassis with 3 driving modes	
Suspension front	Spring-strut, lower link, anti-roll bar
Suspension rear	Individual Multi-link coil spring, anti-roll bar
Steering	Rack and pinion, power assisted, speed sensitive
Turning circle	13 m
Turns of steering wheel end to end	2.5
Braking system	ABS system with EBA* and EBD **.
Ventilated discs front and rear	
Four piston callipers front and rear	
Brake disc diameter (front/rear)	330/330 mm***
Stopping distance 100-0 km/h (m) 36	
10 repeated stops (AMS) (m) 37	
Wheel dimension	8x17", 8x18"
Tyre dimension	235/45 17", 235/40 18"

MEASUREMENTS AND VOLUMES

Exterior measurements (cm)		Luggage volume, litres (DIN V210)	424
Length	460.6	Load length	105
Width	180.4	Load length with rear seat folded down	173
Wheelbase	271.5	Load length with rear seat and front passenger seat folded down	276
Track, front	155.7	Loading height between cargo floor and parcel shelf	44
Track, rear	154.2	Width of luggage compartment between wheel arches	114
Interior measurements (cm)			
Headroom with sunroof (front/rear)	99/96		
Headroom without sunroof (front/rear)	98/96		
Passenger compartment width at shoulder height (front/rear)	143/141		

*EBA (Electronic Braking Assistance) **EBD (Electronic Braking Distribution) *** 12.9/12.9 inch