Volvo S60 R

**Engines**

- **Type:**
- **Configuration:**
- **Displacement, cm³:**
- **Engine cylinder block material:**
- **Cylinderhead material:**
- **Combustion chamber type:**
- **Compression ratio:**
- **Valvetrain:**

**Transmission**

- **Engine idling speed:**
- **Fuel, rec. octane:**
- **Max engine speed (rpm):**
- **Max output, kW (hp)/rpm:**
- **Max torque, Nm/rpm:**

**Performance**

- **Gearbox:**
- **Acceleration, 0–100 km/h (sec):**
- **Top speed, electronically controlled km/h (mph):**
- **Fuel consumption l/100 km (EC 17/1999, combined):**
- **CO₂ g/km (EU04, LEV1):**

**Chassis**

- **Semi active chassis with 3 driving modes:**
- **Suspension front:**
- **Suspension rear:**
- **Steering:**
- **Turning circle:**
- **Turns of steering wheel end to end:**
- **Braking system:**
- **Ventilated discs front and rear:**
- **Four piston callipers front and rear:**
- **Brake disc diameter (front/rear):**
- **Stopping distance:**
- **10 repeated stops (AMS) (m):**
- **Wheel dimension:**
- **Tyre dimension:**

**Measurements and Volumes**

- **Exterior measurements (cm):**
- **Load length with rear seat folded down:**
- **Load length with rear seat and front passenger seat folded down:**
- **Loading height between cargo floor and parcel shelf:**
- **Width of luggage compartment between wheel arches:**
- **Weight/misc (kg):**
- **Curb, min:**
- **Total max:**
- **Max trailer weight:**
- **Weight distribution front/rear (%):**
- **Drag coefficient, Cd:**
- **Front area (m²):**

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B5254T4 (manual gearbox)

- **Type:** In-line 5 cylinder, with turbo
- **Configuration:** Transverse, all wheel drive
- **Displacement:** 2521 cm³
- **Engine cylinder block material:** Aluminium
- **Cylinderhead material:** Aluminium
- **Combustion chamber type:** Pent-roof
- **Compression ratio:** 8.5:1
- **Valvetrain:** DOHC, 4 valves/cylinder. Continuously Variable Valve Timing (CVVT) on inlet and exhaust
- **Ignition sequence:** 1-2-4-5-3
- **Engine idling speed:** 720 rpm
- **Fuel:** 98 RON
- **Max engine speed:** 6500 rpm (6800 3 sec)
- **Max output:** 220.3 kW (300)/5500 rpm
- **Max torque:** 350/1850–6000 rpm

B5254T4 (automatic gearbox)

- **Type:** In-line 5 cylinder, with turbo
- **Configuration:** Transverse, all wheel drive
- **Displacement:** 2521 cm³
- **Engine cylinder block material:** Aluminium
- **Cylinderhead material:** Aluminium
- **Combustion chamber type:** Pent-roof
- **Compression ratio:** 8.5:1
- **Valvetrain:** DOHC, 4 valves/cylinder. Continuously Variable Valve Timing (CVVT) on inlet and exhaust
- **Ignition sequence:** 1-2-4-5-3
- **Engine idling speed:** 720 rpm
- **Fuel:** 98 RON
- **Max engine speed:** 6500 rpm (6800 3 sec)
- **Max output:** 220.6 kW (300)/6000 rpm
- **Max torque:** 350/1850–6000 rpm
Volvo V70 R

Engines

Type
Configuration
Displacement, cm³
Engine cylinder block material
Cylinderhead material
Combustion chamber type
Compression ratio
Valvetrain

Ignition sequence
Engine idling speed
Fuel, rec. octane
Max engine speed (rpm)
Max output, kW (hp)/rpm.
Max torque, Nm/rpm.

Transmission

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

Performance

Gearbox
Acceleration, 0–100 km/h (sec) / 0–60 mph (sec)
Top speed, electronically controlled km/h / mph
Fuel consumption l/100 km* (EC 17/1999, combined)
(CO2 g/km (EU04, LEV1)

Chassis

Semi active chassis with 3 driving modes
Suspension front Spring-strut, lower link, anti-roll bar
rear Individual Multi-link coil spring, anti-roll bar
Steering Rack and pinion, power assisted, speed dependent
Turning circle 13.2 m

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)
Length 471.0
Width 180.4
Height (curb, min) 146
Wheelbase 275.5
Track, front 155.7
Track, rear 154.2
Interior measurements (cm)
Headroom with sunroof (front/rear) 100/99
Headroom without sunroof (front/rear) 100/99
Passenger compartment width at shoulder height (front/rear) 143/142
Luggage volume, litres (DIN V211/V212/V214) 485/745/1641

Load length 109
Load length with rear seat folded down 185
Load length with rear seat and front passenger seat folded down 282
Height of luggage compartment 81
Width of luggage compartment between wheel arches 113
Weight/misc (kg)
Curb, min 1713
Total max 2220
Max trailer weight 1800
Weight distribution front/rear (%) 54/46
Drag coefficient, Cd 0.32
Front area (m²) 2.23

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