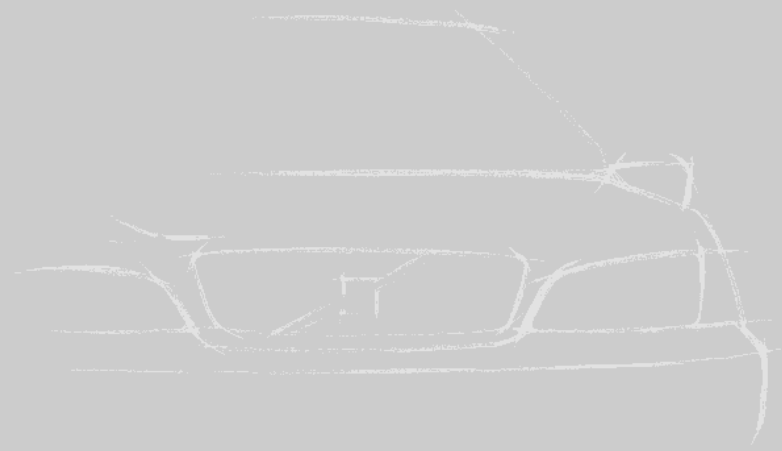


# VOLVO S90

## TECHNICAL SPECIFICATIONS



**VOLVO**

## ENGINES

	B6304S1	B6304S2
Type	In-line 6 cyl. normal aspirated	In-line 6 cyl. normal aspirated
Configuration	Rear wheel drive	Rear wheel drive
Displacement, cm <sup>3</sup>	2922	2922
Engine cylinder block material	Aluminium	Aluminium
Cylinderhead material	Aluminium	Aluminium
Combustion chamber type	Pent-roof	Pent-roof
Compression ratio	10.7	10.7
Valves, no/cylinder	4	4
Camshafts	2	2
Engine management system	Microprocessor controlled fuel and ignition with self-diagnostics	
Ignition sequence	1-5-3-6-2-4	1-5-3-6-2-4
Engine idling speed	850	850
Fuel, rec. octane	95 RON (min 91)	95 RON (min 91)
Max output kW(hk)/rpm.	150(204)/6000	132(180)/5200
Max torque, Nm/rpm.	267/72	260/73

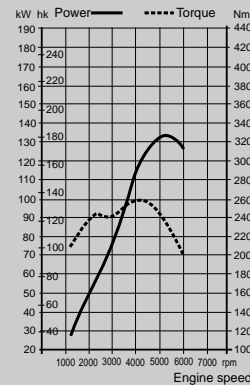
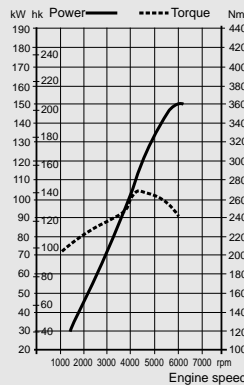
## GEARBOXES

5-speed manual gearbox

4-speed automatic gearbox with lock-up.

Electronically controlled with three driving modes.

Ratio	M90L2	AW43	AW40
First	3.91:1	2.08:1	2.08:1
Second	2.20:1	1.53:1	1.53:1
Third	1.38:1	1:1	1:1
Fourth	1:1	0.75:1	0.70:1
Fifth	0.75:1	-	-
Reverse	3.45:1	2.39:1	2.39:1



Manual gearbox/final drive	-	M90L2/3.54:1
Automatic gearbox/final drive	AW43/3.73:1	AW40/3.73:1

## PERFORMANCE

Gearbox	Manual	Automatic	Manual	Automatic
Acceleration, 0-100 km/h (sec)	-	9.1	9.0	9.2
Top speed, km/h	-	210	210	205
Fuel consumption l/100 km (EU 93/116, combined)	-	11.4	11.0	11.7

## CHASSIS

Suspension	front	Spring-strut, lower link, anti-roll bar
	rear	Multi-Link, individual rear wheel suspension, transverse composite leaf spring
Steering	Rack and pinion, power assisted	
Turning circle	9.7 m	
Turns of steering wheel lock to lock	3.5	
Braking system	ABS system with EBD. Ventilated discs front	
Brake disc diameter (front/rear)	280/277 mm	

## MEASUREMENTS AND VOLUMES

Exterior measurements (cm)		Interior measurements (cm)	
Length	487	Headroom with sunroof (front/rear)	95/94
Width	175	Headroom without sunroof (front/rear)	98/95
Height	142	Passenger compartment width at shoulder height (front/rear)	138/139
Wheelbase	277	Luggage volume, litres (VDA V210)	491
Track, front	150	Load length	110
Track, rear	152	Load length with rear seat folded down	-
Ground clearance	16	Height of luggage compartment	48
Load height	68	Width of luggage compartment between wheel arches	111
Weights/Miscellaneous			
Weight, kg	1,494		
Fuel tank, l	80		
Max. trailer weight, kg	1,800		
Drag coefficient	0.36		