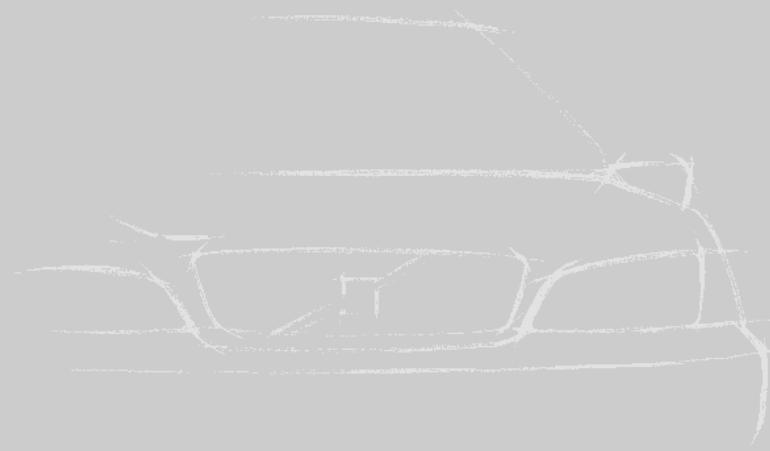


VOLVO V90

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 ³	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

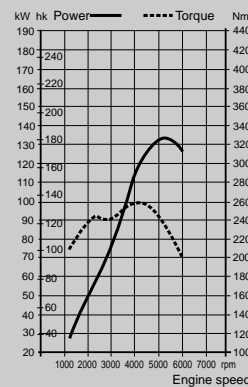
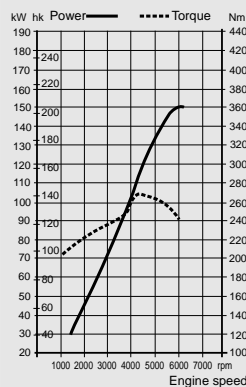
GEARBOXES

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)	-	-	9.2	9.4
Top speed, km/h	-	-	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	486	Headroom with sunroof (front/rear)	97/93
Width	175	Headroom without sunroof (front/rear)	100/94
Height	145	Passenger compartment width at shoulder height (front/rear)	138/139
Wheelbase	277	Luggage volume, litres (VDA V210)	602
Track, front	150	Load length	107
Track, rear	152	Load length with rear seat folded down	194
Ground clearance	16	Height of luggage compartment	83
Load height	58	Width of luggage compartment between wheel arches	111
Weights/Miscellaneous			
Weight, kg	1,542		
Fuel tank, l	80		
Max. trailer weight, kg	1,800		
Drag coefficient	0.38		