

Volvo C70

ENGINES

Type
Configuration
Displacement, cm ³
Engine cylinder block material
Cylinderhead material
Combustion chamber type
Compression ratio
Valves, no/cylinder
Camshafts
Engine management system
Ignition sequence
Engine idling speed
Fuel, rec. octane
Max output, kW (hk)/rpm.
Max torque, Nm/rpm.

B5204T4

In-line 5 cyl., light press. turbo
Transverse, front wheel drive
1984
Aluminium
Aluminium
Pent-roof
9.5
4
2

B5244T

In-line 5 cyl., light press. turbo
Transverse, front wheel drive
2435
Aluminium
Aluminium
Pent-roof
9.0
4
2

B5234T3

In-line 5 cyl., turbo
Transverse, front wheel drive
2319
Aluminium
Aluminium
Pent-roof
8.5
4
2

Microprocessor controlled fuel and ignition system with self diagnostics

1-2-4-5-3

850

91-98 RON

120 (163)/5100

230/1800-5000

1-2-4-5-3

850

91-98 RON

142 (193)/5100

270/1600-5000

1-2-4-5-3

850

91-98 RON

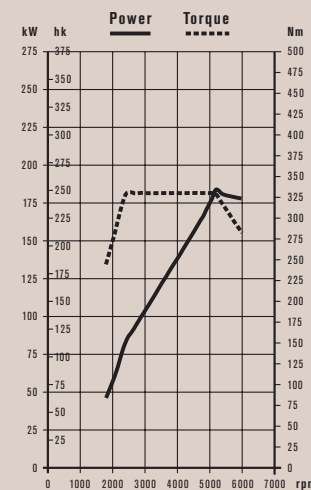
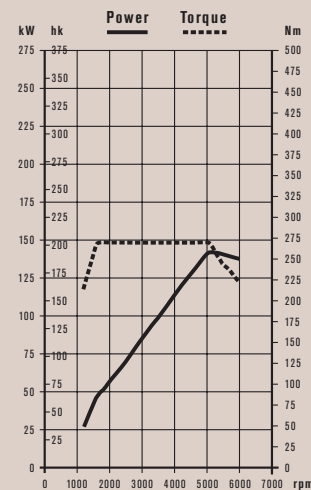
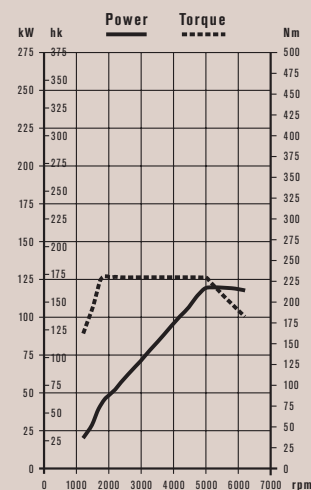
176 (240)/5400

330/2400-5100

TRANSMISSIONS

5-speed manual gearbox. 5-speed adaptive automatic transmission, electronically controlled, with lock-up and winter mode selection.

Ratio	M56H	M56L2	AW 55-50
First	3.07	3.39	4.77
Second	1.77	1.91	3.00
Third	1.19	1.19	1.96
Fourth	0.87	0.87	1.32
Fifth	0.70	0.65	1.02
Reverse	2.99	3.30	3.23



Manual gearbox/final drive
Automatic gearbox/final drive

M56L2/4.25
AW55-50/2.65

M56H/4.00
AW55-50/2.44

M56H/4.00
AW55-50/2.44

PERFORMANCE

Gearbox
Acceleration, 0-100 km/h (sec)
Top speed, km/h
Fuel consumption l/100 km (EC 199/100, combined)
CO ₂ g/km

	Manual	Automatic
Acceleration, 0-100 km/h (sec)	9.9	10.7
Top speed, km/h	200	195
Fuel consumption l/100 km (EC 199/100, combined)	9.7	10.6
CO ₂ g/km	230	253

	Manual	Automatic
Acceleration, 0-100 km/h (sec)	8.5	9.0
Top speed, km/h	210	215
Fuel consumption l/100 km (EC 199/100, combined)	9.5	11.0
CO ₂ g/km	226	263

	Manual	Automatic
Acceleration, 0-100 km/h (sec)	7.5	8.0
Top speed, km/h	240	230
Fuel consumption l/100 km (EC 199/100, combined)	9.9	11.2
CO ₂ g/km	236	268

CHASSIS

Suspension	front	Spring-strut, lower link, anti-roll bar
	rear	Semi individual, Delta-Link, coil springs, anti-roll bar
Steering	Rack and pinion, power assisted	
Turning circle	11.7 m	
Turns of steering wheel lock to lock	3.0	
Braking system	ABS system with EBD. Ventilated discs front, discs rear	
Brake disc diameter (front/rear)	302/295 mm (16") 280/295 mm (15")	

MEASUREMENTS AND VOLUMES

Exterior measurements (cm)	
Length	472
Width	182
Height	143
Wheelbase	266
Track, front	152
Track, rear	152
Ground clearance	12
Load height	71
Weights/Miscellaneous	
Weight, kg	1565
Fuel tank, l	68
Max. trailer weight, kg	1600
Drag coefficient	0.34

Interior measurements (cm)	
Headroom (front/rear)	99/99
Passenger compartment width at shoulder height (front/rear)	141/114
Luggage volume, litres (ISO V210)	262
Load length	82
Height of luggage compartment	26