

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
Microprocessor controlled fuel and ignition system with self diagnostics
1-2-4-5-3
850
91-98 RON
120 (163)/5100
230/1800-5000

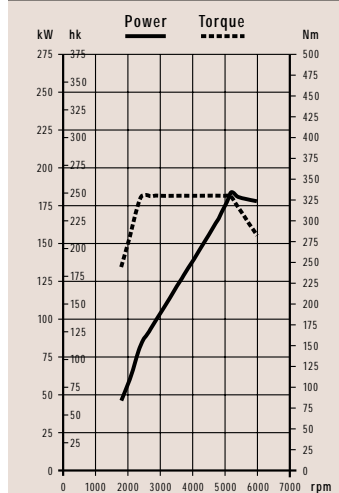
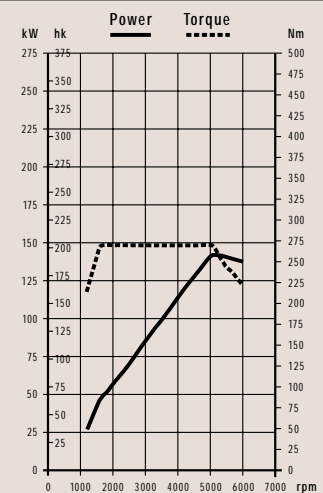
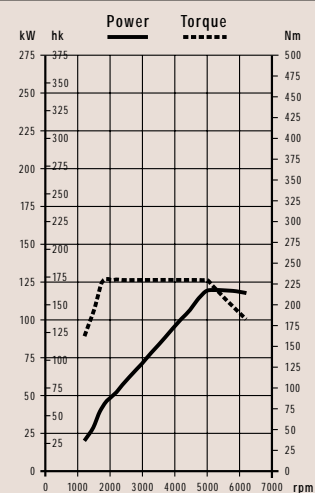
B5244T
In-line 5 cyl., light press. turbo
Transverse, front wheel drive
2435
Aluminium
Aluminium
Pent-roof
9.0
4
2
Microprocessor controlled fuel and ignition system with self diagnostics
1-2-4-5-3
850
91-98 RON
142 (193)/5100
270/1600-5000

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
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	M56L2/4.25
Automatic gearbox/final drive	AW55-50/2.65

Manual gearbox/final drive	M56H/4.00
Automatic gearbox/final drive	AW55-50/2.44

Manual gearbox/final drive	M56H/4.00
Automatic gearbox/final drive	AW55-50/2.44

PERFORMANCE

Gearbox	Manual	Automatic
Acceleration, 0-100 km/h (sec)	9.3*/9.9	10.0*/10.7
Top speed, km/h	210*/200	200*/195
Fuel consumption l/100 km (EC 199/100, combined)	9.7	10.6
CO ₂ g/km	230	253

Gearbox	Manual	Automatic
Acceleration, 0-100 km/h (sec)	9.3*/9.9	10.0*/10.7
Top speed, km/h	210*/200	200*/195
Fuel consumption l/100 km (EC 199/100, combined)	9.7	10.6
CO ₂ g/km	230	253

Gearbox	Manual	Automatic
Acceleration, 0-100 km/h (sec)	7.8*/8.5	8.2*/9.0
Top speed, km/h	225*/210	225*/215
Fuel consumption l/100 km (EC 199/100, combined)	9.5	11.0
CO ₂ g/km	226	263

Gearbox	Manual	Automatic
Acceleration, 0-100 km/h (sec)	6.9*/7.5	7.2*/8.0
Top speed, km/h	250*/240	240*/230
Fuel consumption l/100 km (EC 199/100, combined)	9.9	11.2
CO ₂ g/km	236	268

*coupé

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)	convertible	coupé
Length	472	472
Width	182	182
Height	143	141
Wheelbase	266	266
Track, front	152	152
Track, rear	152	152
Ground clearance	12	14
Load height	71	71
Weights/Miscellaneous		
Weight, kg	1565	1453
Fuel tank, l	68	68
Max. trailer weight, kg	1600	1600
Drag coefficient	0.34	0.29

Interior measurements (cm)	convertible	coupé
Headroom with sunroof (front/rear)	n.a.	95/93
Headroom without sunroof (front/rear)	99/99	99/93
Passenger compartment width at shoulder height (front/rear)	141/114	141/133
Luggage volume, litres (ISO V210)	262	403
Load length	82	100
Height of luggage compartment	26	50