

Volvo V40 Cross Country

CONT'D VOLVO V40 →
CROSS COUNTRY

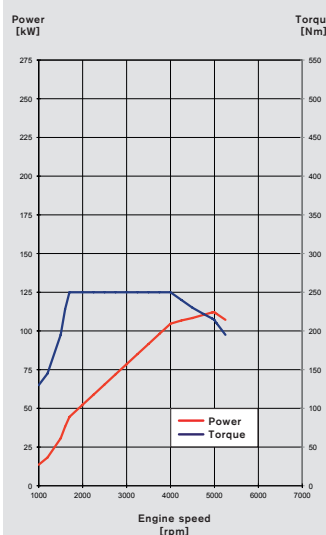
ENGINES

Type
Configuration
Displacement, cm³
Bore (mm)
Stroke (mm)
Engine cylinder block material
Cylinderhead material
Compression ratio
Valves, no/cylinder
Camshafts
Engine management system
Ignition sequence
Engine idling speed, rpm
Fuel, rec. octane
Max output, kW (hp)/rpm.
Max torque, Nm/rpm.

POWER AND TORQUE →

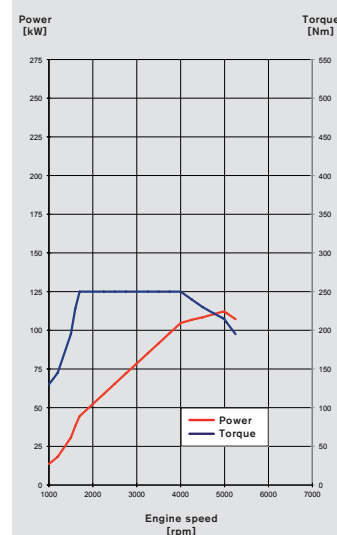
Manual gearbox/final drive
Automatic gearbox/final drive
PERFORMANCE
Gearbox
Acceleration, 0-100 km/h (sec)
Top speed, km/h
Fuel consumption l/100 km (combined)
CO ₂ g/km

T3 (B4204T37)
In-line 4-cyl. turbocharged
Transverse, front wheel drive
1969
82.0
93.2
Aluminium
Aluminium
11.3:1
4
2
Gasoline direct injection
1 - 3 - 4 - 2
850±100
95-98 RON
112 (152)/5000
250/1300-4000



M76 R6.2	4.056
-	
Manual	
9.1	
210	
5.6	
128	

T3 (B4154T4)
In-line 4-cyl. turbocharged
Transverse, front wheel drive
1498
82.0
70.9
Aluminium
Aluminium
10.5:1
4
2
Gasoline direct injection
1 - 3 - 4 - 2
850±100
95-98 RON
112 (152)/5000
250/1700-4000



-	
AW TF-71SC	3.365
Automatic	
8.5	
210	
5.6	
131	

TRANSMISSIONS

- 6-speed manual gearbox
- 6-speed automatic gearbox
- 8-speed automatic gearbox

RATIO	M66H	M76 R6.2	M76 R7.0	AW TF-71SC	AW TG-81SC
First	3.385	3.583	3.583	4.044	5.250
Second	1.952	2.048	2.048	2.371	3.029
Third	1.267	1.310	1.290	1.556	1.950
Fourth	0.868	0.919	0.886	1.159	1.457
Fifth	0.652	0.690	0.651	0.852	1.221
Sixth	0.540	0.578	0.511	0.672	1.000
Seventh	-	-	-	-	0.809
Eighth	-	-	-	-	0.673
Reverse	2.692	3.333	3.333	3.193	4.015

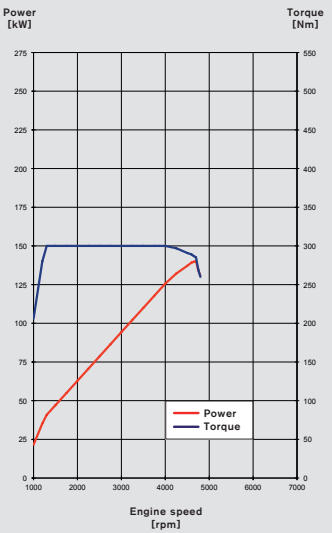
ENGINES

Type
Configuration
Displacement, cm³
Bore (mm)
Stroke (mm)
Engine cylinder block material
Cylinderhead material
Compression ratio
Valves, no/cylinder
Camshafts
Engine management system
Ignition sequence
Engine idling speed, rpm
Fuel, rec. octane
Max output, kW (hp)/rpm.
Max torque, Nm/rpm.

POWER AND TORQUE →

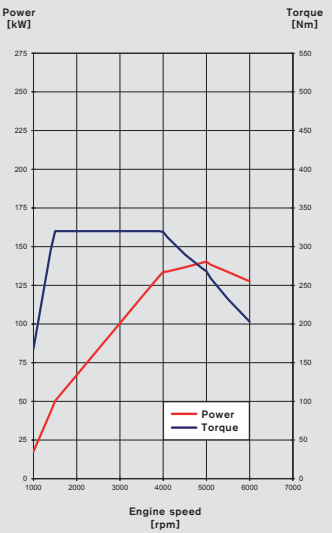
Manual gearbox/final drive
Automatic gearbox/final drive
PERFORMANCE
Gearbox
Acceleration, 0-100 km/h (sec)
Top speed, km/h
Fuel consumption l/100 km (combined)
CO ₂ g/km

T4 (B4204T19)
In-line 4-cyl. turbocharged
Transverse, front wheel drive
1969
82.0
93.2
Aluminium
Aluminium
11.3:1
4
2
Gasoline direct injection
1 - 3 - 4 - 2
850±100
95-98 RON
140 (190)/4700
300/1300-4000



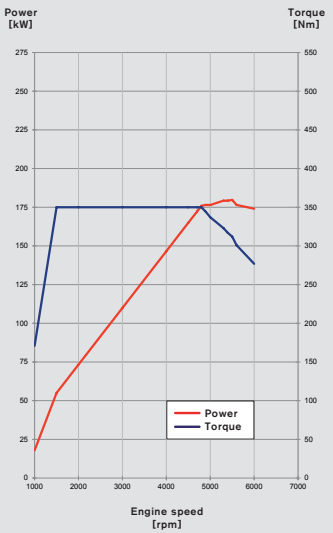
M76 R6.2	4.056
AW TF-71SC	3.365
Manual	Automatic
8.0	7.1
210	210
5.6	5.6
128	129

T4 AWD (B4204T21)
In-line 4-cyl. turbocharged
Transverse, all wheel drive
1969
82.0
93.2
Aluminium
Aluminium
10.8:1
4
2
Gasoline direct injection
1 - 3 - 4 - 2
850±100
95-98 RON
140 (190)/5000
320/1500-4000



-	
AW TG-81SC	2.839
	Automatic
	7.4
	210
	6.4
	149

T5 AWD (B4204T11)
In-line 4-cyl. turbocharged
Transverse, all wheel drive
1969
82.0
93.2
Aluminium
Aluminium
10.8:1
4
2
Gasoline direct injection
1 - 3 - 4 - 2
850±100
95-98 RON
180 (245)/5500
350/1500-4800



-	
AW TG-81SC	2.839
	Automatic
	6.1
	210
	6.4
	149

CHASSIS

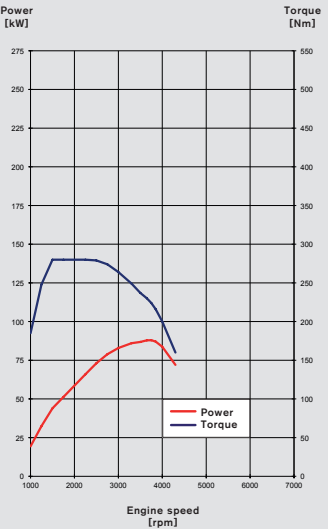
Suspension	front	MacPherson Strut, Coil Springs, Hydraulic Shock Absorbers, Stabilizer Bar
	rear	Independent Suspension with Coil Springs, Hydraulic Monotube Shock Absorbers, Stabilizer Bar
Steering		Electrical Power Assisted Rack and Pinion Steering
Turning circle, (curb to curb)		10.9 m/11.3 m (205"/225")
Braking system		Antilock Braking System (ABS) with Electronic Brake Distribution (EBD) and Electronic Brake Assistance (EBA)
Braking distance, 100-0 km/h		37 m
Brake disc diameter	front	300 mm/320 mm
	rear	280 mm

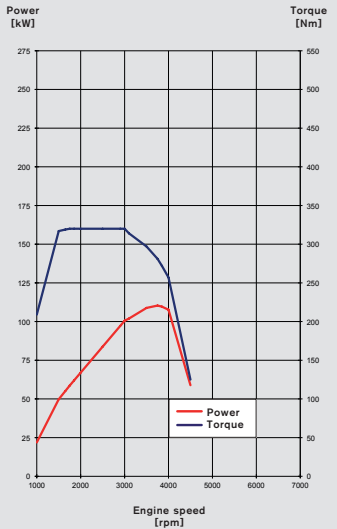
ENGINES

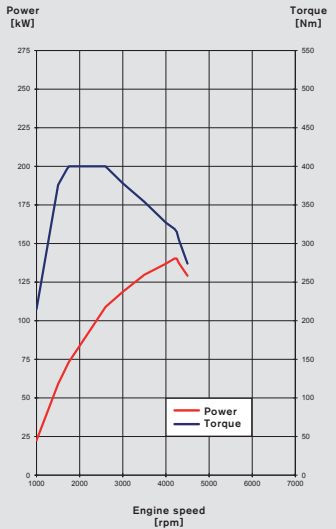
Type
Configuration
Displacement, cm³
Bore (mm)
Stroke (mm)
Engine cylinder block material
Cylinderhead material
Compression ratio
Valves, no/cylinder
Camshafts
Engine management system
Ignition sequence
Engine idling speed, rpm
Fuel
Max output, kW (hp)/rpm.
Max torque, Nm/rpm.

POWER AND TORQUE →

Manual gearbox/final drive
Automatic gearbox/final drive
PERFORMANCE
Gearbox
Acceleration, 0-100 km/h (sec)
Top speed, km/h
Fuel consumption l/100 km (combined)
CO ₂ g/km

D2 (D4204T8)	
In-line 4-cyl. turbo diesel	
Transverse, front wheel drive	
1969	
82.0	
93.2	
Aluminium	
Aluminium	
16.0:1	
4	
2	
Electronically controlled common rail direct injection	
1 - 3 - 4 - 2	
850±150	
Diesel*	
88 (120)/3750	
280/1500-2250	
	
M76 R7.0	4.056
AW TF-71SC	3.365
Manual	Automatic
10.6	10.6
190	190
3.8	3.9
99	101
*According to EN590 Maximum biodiesel (FAME) content 7%	

D3 (D4204T9)	
In-line 4-cyl. turbo diesel	
Transverse, front wheel drive	
1969	
82.0	
93.2	
Aluminium	
Aluminium	
16.0:1	
4	
2	
Electronically controlled common rail direct injection	
1 - 3 - 4 - 2	
825±150	
Diesel*	
110 (150)/3750	
320/1750-3000	
	
M76 R7.0	4.056
AW TF-71SC	3.365
Manual	Automatic
8.5	8.5
210	210
3.9	4.0
102	105
*According to EN590 Maximum biodiesel (FAME) content 7%	

D4 (D4204T14)	
In-line 4-cyl. twin turbo diesel	
Transverse, front wheel drive	
1969	
82.0	
93.2	
Aluminium	
Aluminium	
15.8:1	
4	
2	
Electronically controlled common rail direct injection	
1 - 3 - 4 - 2	
825±50	
Diesel*	
140 (190)/4250	
400/1750-2500	
	
M66H	4.000
AW TG-81SC	2.666
Manual	Automatic
7.7	7.5
210	210
4.0	4.3
104	112
*According to EN590 Maximum biodiesel (FAME) content 7%	

MEASUREMENTS AND VOLUMES

EXTERIOR MEASUREMENTS (CM)	
Length	437.0
Widht (body width)	178.3
Widht (including outer mirrors)	204.1
Height (body height)	145.8
Height (including shark fin antenna)	147.0
Wheelbase	264.7
Track, front, (50 mm/52,5 mm)	155.2/154.7
Track, rear, (50 mm/52,5 mm)	154.0/153.5
Ground clearance, curb	14.4-15.3

WEIGHTS/MISCELLANEOUS	
Weight, kg (min-max, depending on setup)	1569-1643
Fuel tank, l	57*/62
Max. trailer weight, kg	1500
Max roof load, kg	75
Drag coefficient, Cd	0.32-0.34

*= all wheel drive

INTERIOR MEASUREMENTS (CM)	
Headroom, maximum (front/rear) (H62-1/H61-2)	98.4/93.2
Passenger compartment width at shoulder height (front/rear) (W3-1/W3-2)	139.6/134.9
Leg room (front/rear)	107.3/84.7
Cargo volume, including under floor storage (litres) (V211-2)	324
– under floor volume (litres) (V209)	5
Cargo length from the second seatback to the tailgate measured at: – the height of the floor covering (std/opt) (SAE L202-2)	68.4/78.2
Cargo length from the first seatback to the tailgate measured at: – the height of the floor covering (std/opt) (SAE L202-1)	150.8/154.5
Height of luggage compartment (H201) (std/opt)	76.0/64.4
Width of luggage compartment between wheelhouses (W201)	96.0
Rear cargo opening width	91.6

