

# Volvo V60

CONT'D VOLVO V60 →

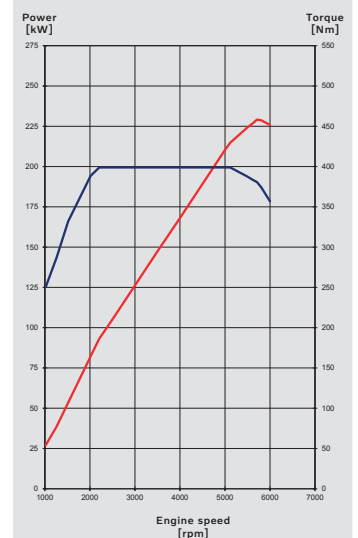
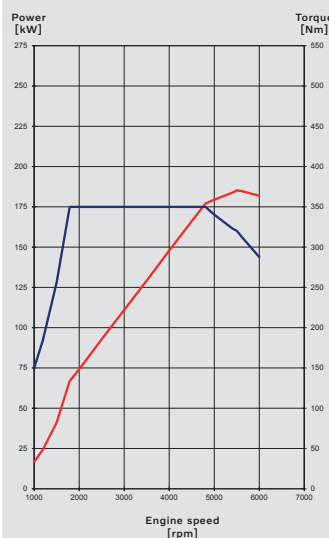
## ENGINES

Type
Configuration
Displacement, cm <sup>3</sup>
Bore (mm)
Stroke (mm)
Engine cylinder block material
Cylinder head 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

T5 (B4204T26)
In-line 4-cyl. turbocharged
Transverse, front wheel drive
1969
82.0
93.2
Aluminium
Aluminium
10.8:1
4
2
Gasoline direct injection
1 - 3 - 4 - 2
875 ± 50
95-98 RON
184 (250)/5500
350/1800-4800

T6 AWD (B4204T29)
In-line 4-cyl. supercharged and turbocharged
Transverse, all wheel drive
1969
82.0
93.2
Aluminium
Aluminium
10.3:1
4
2
Gasoline direct injection
1 - 3 - 4 - 2
875±50
95-98 RON
228 (310)/5700
400/2200-5100

## POWER AND TORQUE →



Manual gearbox/final drive
Automatic gearbox/final drive
<b>PERFORMANCE</b>
Gearbox
Acceleration, 0-100 km/h (sec)
Top speed, km/h

-	
AW TG-81 SC	2.955
	Automatic
	6.7
	235
	6.6 / 154
	6.8 / 157
	6.9 / 160
	7.3 - 8.3 / 166 - 187

-	
AW TG-81 SC	3.075
	Automatic
	5.8
	250
	7.2 / 167
	7.4 / 171
	7.6 / 176
	8.1 - 9.1 / 184 - 206

<b>FUEL CONSUMPTION (EU)</b>
l/100 km / CO <sub>2</sub> g/km
Tyre class A Combined * <sup>1</sup>
Tyre class B Combined * <sup>1</sup>
Tyre class C Combined * <sup>1</sup>
WLTP Combined l/100 km / CO <sub>2</sub> g/km

\*<sup>1</sup> NEDC figures correlated from WLTP based testing

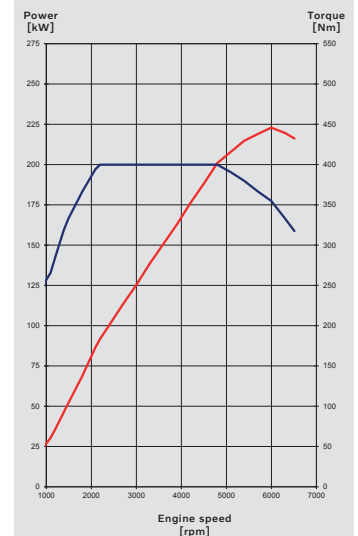
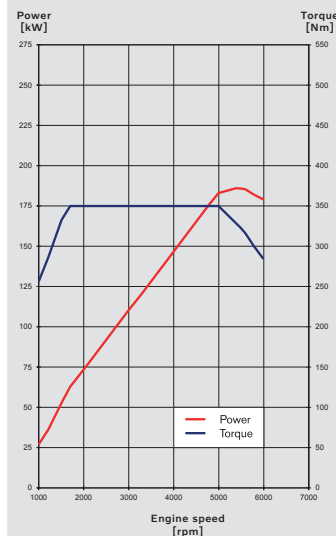
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Configuration
Displacement, cm <sup>3</sup>
Bore (mm)
Stroke (mm)
Engine cylinder block material
Cylinder head material
Compression ratio
Valves, no/cylinder
Camshafts
Engine management system
Ignition sequence
Engine idling speed, rpm
Fuel, rec. octane
Max output, kW (hp)/rpm
Max torque, Nm/rpm

<b>T6 Twin Engine AWD (B4204T46)</b>
In-line 4-cyl. supercharged and turbocharged
Transverse, front wheel drive, rear electric motor
1969
82.0
93.2
Aluminium
Aluminium
10.3:1
4
2
Gasoline direct injection
1 - 3 - 4 - 2
875±50
95-98 RON
186 (253)/5500
350/1700-5000

<b>T8 Twin Engine AWD (B4204T34)</b>
In-line 4-cyl. supercharged and turbocharged
Transverse, front wheel drive, rear electric motor
1969
82.0
93.2
Aluminium
Aluminium
10.3:1
4
2
Gasoline direct injection
1 - 3 - 4 - 2
875±50
95-98 RON
223 (303)/6000
400/2200-4800

**POWER AND TORQUE →**



Manual gearbox/final drive
Automatic gearbox/final drive

-	
AW TG-81SD	3.075

-	
AW TG-81SD	3.075

**PERFORMANCE**

Gearbox
Acceleration, 0-100 km/h (sec)
Top speed, km/h

Automatic
5.4
230

Automatic
4.9
250

**FUEL CONSUMPTION (EU)**

l/100 km / CO <sub>2</sub> g/km
Tyre class A Combined <sup>*1</sup>
Tyre class B Combined <sup>*1</sup>
Tyre class C Combined <sup>*1</sup>
WLTP Combined l/100 km / CO <sub>2</sub> g/km

-
1.9 / ≤44
2.1 / ≤48
2.1 - 2.5 / 48 -57

-
1.9 / ≤44
2.1 / ≤48
2.1 - 2.5 / 48 -57

<sup>\*1</sup> NEDC figures correlated from WLTP based testing

Battery type
Battery content, total amount of energy (kWh)
Battery charging time*, at 16A/10A/6A fuse (hours)
Range (Km) (NEDC for hybrids)
Electrical motor max power (kW/rps)
Electrical motor max torque (Nm/rps)
Driveline max power (hp)
Driveline max power (kW)
Driveline max torque (Nm)
Battery placement

Lithium-ion battery
10.4
3.0 / 4.0 / 7.0
48-49 km**
65/117
240/0-50
~340 (253+87)
~251 (186***+65)
~590 (350***+240)
Centrally in the tunnel of the car

Lithium-ion battery
10.4
3.0 / 4.0 / 7.0
48-49 km**
65/117
240/0-50
~390 (303+87)
~288 (223***+65)
~640 (400***+240)
Centrally in the tunnel of the car

\* Time pending on e.g. ambient temp  
 \*\* Only electric driving according to governmental regulations for PHEV  
 \*\*\* In "Hybrid", "Power"- and "EL-AWD"-mode

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 \*\* Only electric driving according to governmental regulations for PHEV  
 \*\*\* In "Hybrid", "Power"- and "EL-AWD"-mode

**ENGINES**

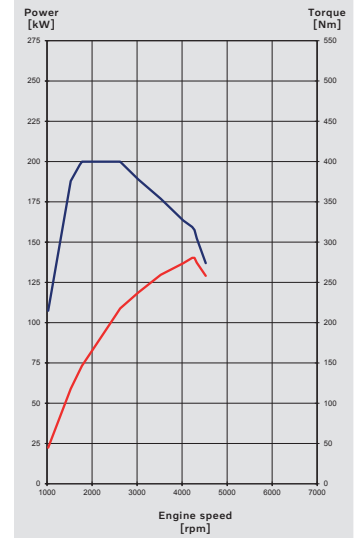
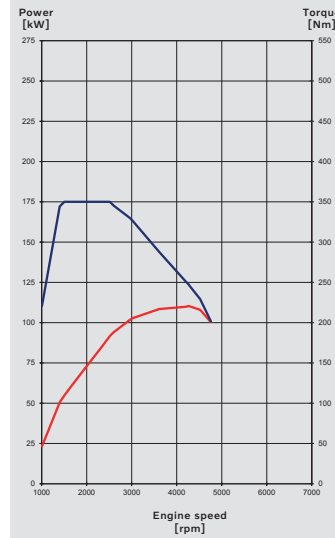
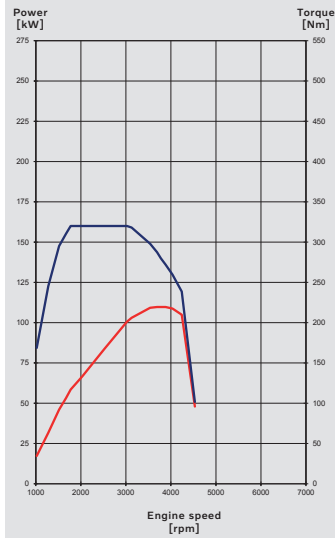
Type
Configuration
Displacement, cm <sup>3</sup>
Bore (mm)
Stroke (mm)
Engine cylinder block material
Cylinder head material
Compression ratio
Valves, no/cylinder
Camshafts
Engine management system
Ignition sequence
Engine idling speed, rpm
Fuel
Max output, kW (hp)/rpm
Max torque, Nm/rpm

<b>D3 (D4204T16)</b>
In-line 4-cyl. turbo diesel
Transverse, front wheel drive
1969
82.0
93.2
Aluminium
Aluminium
16.0:1
4
2
i-Art common rail direct injection
1 - 3 - 4 - 2
825±150
Diesel*
110 (150)/3750
320/1750-3000

<b>D3 AWD (D4204T4)</b>
In-line 4-cyl. twin turbo diesel
Transverse, all wheel drive
1969
82.0
93.2
Aluminium
Aluminium
15.8:1
4
2
i-Art common rail direct injection
1 - 3 - 4 - 2
825±150
Diesel*
110 (150)/4250
350/1500-2500

<b>D4 &amp; D4 AWD (D4204T14)</b>
In-line 4-cyl. twin turbo diesel
Transverse, front & all wheel drive
1969
82.0
93.2
Aluminium
Aluminium
15.8:1
4
2
i-Art common rail direct injections
1 - 3 - 4 - 2
825±150
Diesel*
140 (190)/4250
400/1750-2500

**POWER AND TORQUE →**



Manual gearbox/final drive
Automatic gearbox/final drive
<b>PERFORMANCE</b>
Gearbox
Acceleration, 0-100 km/h (sec)
Top speed, km/h

M76 R7.0	3.833
AW TG-81 SC	2.839
Manual	Automatic
9.9	9.9
205	205

	-
AW TG-81 SC	2.955
	Automatic
	9.6
	205

M66 F	3.882
AW TG-81 SC	2.839/2.955
Manual	Automatic FWD//AWD
7.9	7.9//7.6
220	220//220

<b>FUEL CONSUMPTION (EU)</b>
l/100 km / CO <sub>2</sub> g/km
Tyre class A Combined <sup>*1</sup>
Tyre class B Combined <sup>*1</sup>
Tyre class C Combined <sup>*1</sup>
WLTP Combined l/100 km / CO <sub>2</sub> g/km

4.4 / 117		4.6 / 120
4.5 / 119		4.7 / 123
4.6 / 122		4.8 / 126
5.1 - 5.8 / 133 - 153	5.5 - 6.2 / 143 - 162	

	4.9 / 128	
	5.0 / 131	
	5.1 / 135	
	5.5 - 6.5 / 145 - 169	

4.4 / 117		4.5 / 119 // 4.9 / 128
4.5 / 119		4.6 / 122 // 5.0 / 131
4.6 / 122		4.7 / 125 // 5.1 / 135
5.1 - 5.9 / 134 - 154	5.4-6.1/141-160//5.5-6.5/145-169	

\*1 NEDC figures correlated from WLTP based testing

\*According to EN590  
Maximum biodiesel (FAME) content 7%

\*According to EN590  
Maximum biodiesel (FAME) content 7%

\*According to EN590  
Maximum biodiesel (FAME) content 7%

**MEASUREMENTS AND VOLUMES**

**EXTERIOR MEASUREMENTS (CM)**

Length	476.1
Width (body width)	185.0
Width (mirrors folded)	191.6
Width (incl mirrors, outer edge)	204.0
Height	143.2
Wheelbase	287.2
Track, front, (16" / 17" / 18"-19" / 20")	161.0/160.3/160.0/159.3
Track, rear, (16" / 17" / 18"-19" / 20")	161.0/160.3/160.0/159.3
Ground clearance, curb	14.7

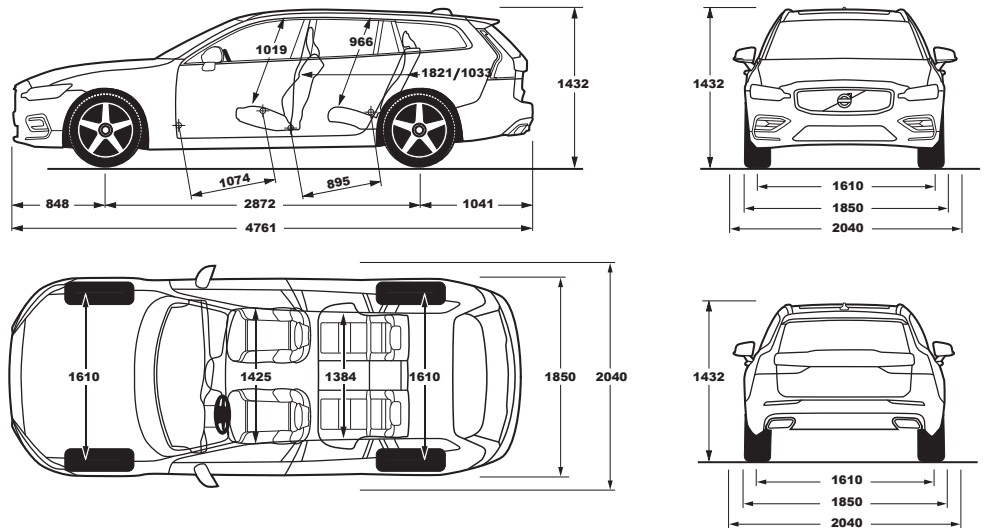
**WEIGHTS/MISCELLANEOUS**

Weight, kg (min-max, depending on setup)	1690-2072
Fuel tank, l (FWD/AWD & "eAWD")	55/60
SCR tank, l *	11.5
Max. trailer weight, kg (depending on setup)	1600-2000
Max roof load, kg	75
Drag coefficient, Cd	0.29

\*1 Market codes; D4204T16 10, 14, 15, 19, 26, 49  
 D4204T4 10, 19, 26  
 D4204T14 10, 14, 15, 19, 26, 49

**INTERIOR MEASUREMENTS (CM)**

Headroom without sunroof (front/rear) (H61-1/H61-2)	97.6/96.6
Headroom with sunroof (front/rear) (H61-1 SR/H61-2 SR)	94.9/96.7
Headroom maximum, without sunroof (front) (H62-1)	101.9
Headroom maximum, with sunroof (front) (H62-1 SR)	99.4
Passenger compartment width at shoulder height (front/rear) (W3-1/W3-2)	142.5/138.4
Leg room (front/rear) (L34/L51-2)	107.4/89.5
Cargo volume, including under floor storage (V211-2) (litres)	529
Luggage volume, including under floor storages, litres (V211-1/ V214-1)	898/1441
Cargo height (rear wheel center and car center line) (H201)	73.1
Rear opening height (car center line) (H202)	64.4
Width of luggage compartment between wheelhouses (W202)	103.8



**TRANSMISSIONS**

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

Ratio	M66 F	M76 R7.0	AWTG-81SC/SD
First	3.583	3.583	5.250
Second	2.050	2.048	3.029
Third	1.267	1.290	1.950
Fourth	0.838	0.886	1.457
Fifth	0.617	0.651	1.221
Sixth	0.510	0.511	1.000
Seventh	-	-	0.809
Eighth	-	-	0.673
Reverse	2.833	3.333	4.015

**CHASSIS**

Suspension	front	Double Wishbone Suspension, Coil Springs, Hydraulic Shock Absorbers, Stabilizer Bar
	rear	Integral Axle with Transverse Composite Leaf Spring, Hydraulic Shock Absorbers, Stabilizer Bar
Steering		Electric Power Assisted Rack and Pinion Steering
Turning circle, curb to curb		11.0 m/11.3 m/ 11.7 m (Rim size: 16"-17" / 18"-19" / 20")
Braking system		Antilock Braking System (ABS) with Electronic Brake Distribution (EBD) and Electronic Brake Assistance (EBA)
Braking distance, 100-0 km/h		35 m
Brake disc diameter	front	296 mm/322 mm/345 mm/(brake disc; 16",17",18")
	rear	302 mm/320 mm (brake disc; 16",17")