

# Volvo V60

CONT'D VOLVO V60 →

## ENGINES

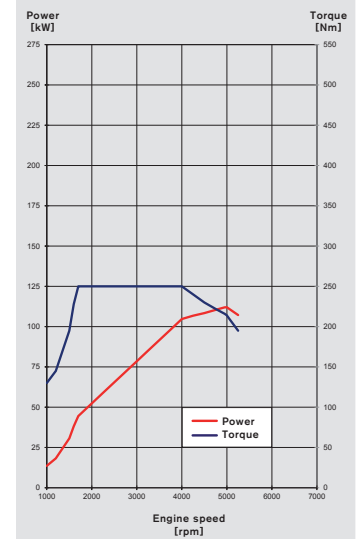
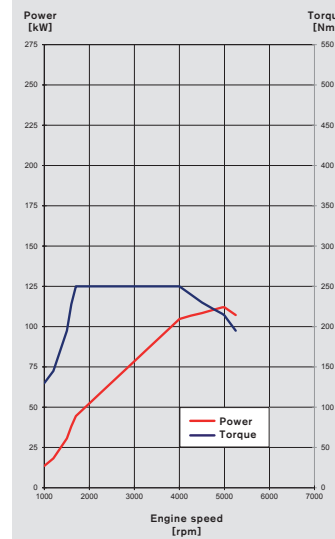
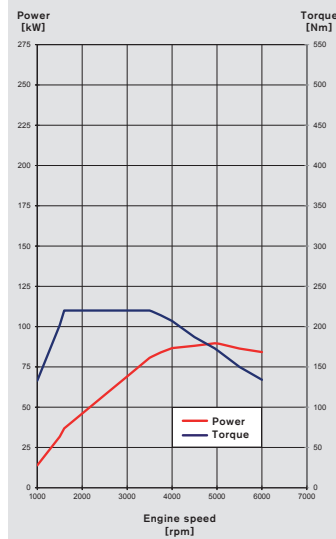
Type
Configuration
Displacement, cm <sup>3</sup>
Bore (mm)
Stroke (mm)
Engine cylinder block material
Cylinderhead material
Compression ratio
Valves, no/cylinder
Camshafts
Engine management system
Ignition sequence
Engine idling speed, rpm
Fuel, rec. octane
Max output, kW (hp)/rpm
Max torque, Nm/rpm

<b>T2 (B4154T5)</b>
In-line 4-cyl. turbo petrol
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
Min 91RON
90 (122)/5000
220/1600–3500

<b>T3 (B4154T4)</b>
In-line 4-cyl. turbo petrol
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
Min 91RON
112 (152)/5000
250/1700–4000

<b>T3 (B4204T37)</b>
In-line 4-cyl. turbo petrol
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
Min 91RON
112 (152)/5000
250/1300–4000

## 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
Fuel consumption l/100 km (combined)
CO <sub>2</sub> g/km

-
AW TF-71SC 3.365
Automatic
10.3
190
5.9
138

-
AW TF-71SC 3.365
Automatic
8.7
205
5.9
138

M66H 4.267
-
Manual
8.7
205
5.8
135

## TRANSMISSIONS

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

RATIO	M66F	M66H	AW TF-71SC	AW TF-80SD	AW TG-81SC
First	3.583	3.385	4.044	4.148	5.250
Second	2.050	1.952	2.371	2.370	3.029
Third	1.267	1.267	1.556	1.556	1.950
Fourth	0.838	0.868	1.159	1.155	1.457
Fifth	0.617	0.652	0.852	0.859	1.221
Sixth	0.510	0.540	0.672	0.686	1.000
Seventh	-	-	-	-	0.809
Eighth	-	-	-	-	0.673
Reverse	2.833	2.692	3.193	3.394	4.015

**ENGINES**

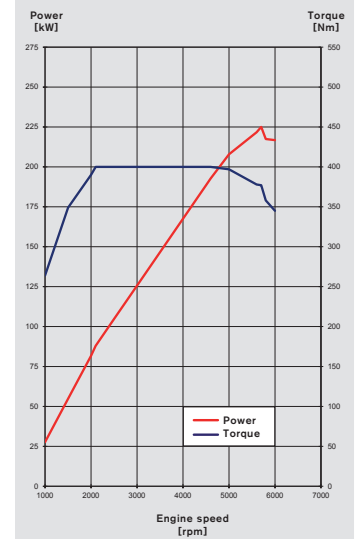
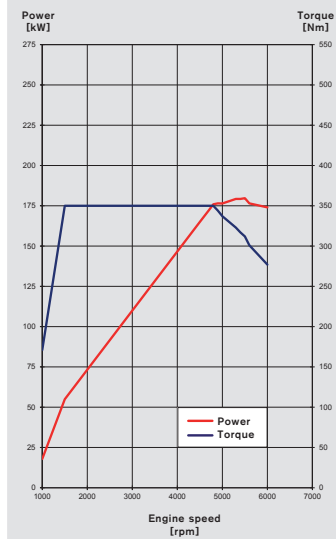
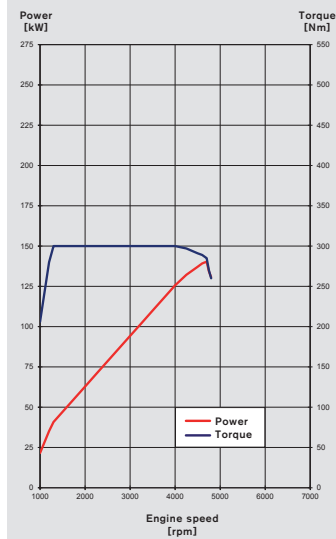
Type
Configuration
Displacement, cm <sup>3</sup>
Bore (mm)
Stroke (mm)
Engine cylinder block material
Cylinderhead material
Compression ratio
Valves, no/cylinder
Camshafts
Engine management system
Ignition sequence
Engine idling speed, rpm
Fuel, rec. octane
Max output, kW (hp)/rpm
Max torque, Nm/rpm

<b>T4 (B4204T19)</b>
In-line 4-cyl. turbo petrol
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
Min 91RON
140 (190)/4700
300/1300-4000

<b>T5 (B4204T11)</b>
In-line 4-cyl. turbo petrol
Transverse, front wheel drive
1969
82.0
93.2
Aluminium
Aluminium
10.8:1
4
2
Gasoline direct injection
1 - 3 - 4 - 2
850 ± 100
Min 91RON
180 (245)/5500
350/1500-4800

<b>T6 &amp; T6 AWD (B4204T9)</b>
In-line 4-cyl. supercharged and turbocharged
Transverse, front & all wheel drive
1969
82.0
93.2
Aluminium
Aluminium
10.3:1
4
2
Gasoline direct injection
1 - 3 - 4 - 2
850 ± 100
Min 91RON
225 (306)/5700
400/2100-4800

**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
Fuel consumption l/100 km (combined)
CO <sub>2</sub> g/km

M66H	4.267
AW TF-71 SC	3.365
Manual	Automatic
7.3	7.3
225	225
5.8	5.8
135	136

-	-
AW TG-81 SC	2.774
-	Automatic
-	6.4
-	230
-	6.4
-	149

-	-
AW TG-81SC	2.774 / 3.075
Automatic (FWD)	Automatic (AWD)
6.0	6.0
230	250
6.7	7.0
157	163

**CHASSIS**

Suspension	front	McPherson Strut, Coil Springs, Hydraulic Shock Absorbers, Stabilizer Bar
	rear	Independent Suspension with Coil Springs, Hydraulic Shock Absorbers, Stabilizer Bar
Steering		Power Assisted Rack and Pinion Steering
Turning circle, curb to curb		11.3 m/11.9 (205/235)
Braking system		Antilock Braking System (ABS) with Electronic Brake Distribution (EBD) and Brake Assistance (BA)
Braking distance, 100-0 km/h		37 m
Brake disc diameter	front	300 mm/316 mm/336 mm (rim size; 16",16.5",17.5")
	rear	302 mm

**ENGINES**

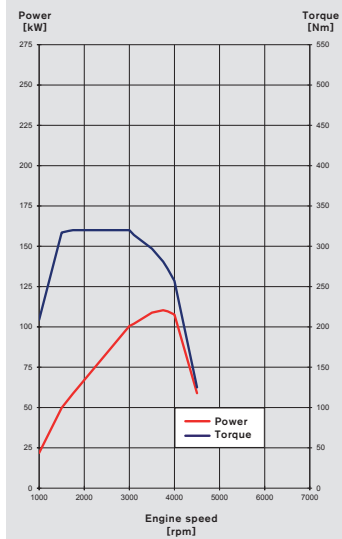
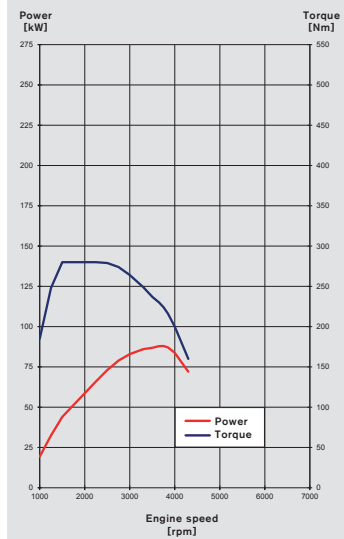
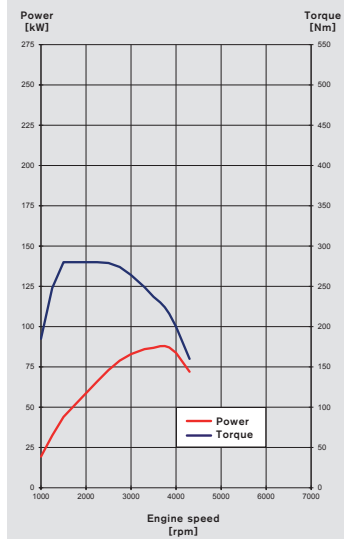
Type
Configuration
Displacement, cm <sup>3</sup>
Bore (mm)
Stroke (mm)
Engine cylinder block material
Cylinderhead material
Compression ratio
Valves, no/cylinder
Camshafts
Engine management system
Ignition sequence
Engine idling speed, rpm
Fuel, rec. octane
Max output, kW (hp)/rpm
Max torque, Nm/rpm

<b>D2 (D4204T8)</b>
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
Cetane Number: Min 48*
88 (120)/3750
280/1500–2250

<b>D2 (D4204T20)</b>
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
Cetane Number: Min 48*
88 (120)/3750
280/1500–2250

<b>D3 (D4204T9)</b>
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
Cetane Number: Min 48*
110 (150)/3750
320/1750–3000

**POWER AND TORQUE →**



Manual gearbox/final drive
Automatic gearbox/final drive

M66F	4.000
-	-

-	-
AW TF-71SC	3.365

M66F	4.000
AW TF-71SC	3.365

**PERFORMANCE**

Gearbox
Acceleration, 0–100 km/h (sec)
Top speed, km/h
Fuel consumption l/100 km (combined)
CO <sub>2</sub> g/km

Manual
11.5
195
3.8 (3.7**)
101 (98**)

Automatic
11.7
195
4.2 (4.2**)
111 (109**)

Manual	Automatic
9.1	9.1
210	210
4.0 (3.9**)	4.2 (4.2**)
105 (102**)	111 (109**)

\* Maximum biodiesel (RME) content 7%  
\*\* Restricted offer

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\*\* Restricted offer

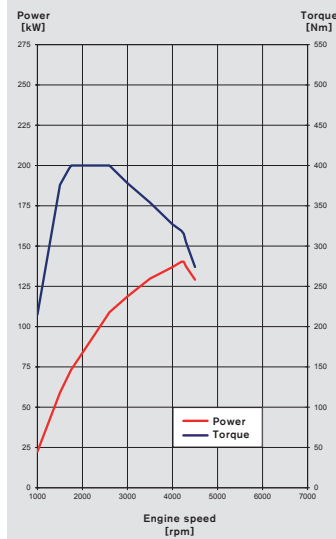
**ENGINES**

Type
Configuration
Displacement, cm <sup>3</sup>
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
<b>PERFORMANCE</b>
Gearbox
Acceleration, 0–100 km/h (sec)
Top speed, km/h
Fuel consumption l/100 km (combined)
CO <sub>2</sub> g/km

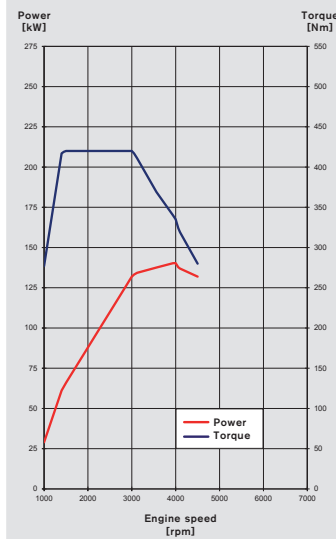
<b>D4 (D4204T14)</b>
In-line 4-cyl. twin turbo diesel
Transverse, front wheel drive
1969
82.0
93.2
Aluminium
Aluminium
15.8:1
4
2
Electronically controlled common rail direct injection
1 - 3 - 4 - 2
825
Cetane Number: Min 48*
140 (190)/4250
400/1750–2500



Manual	Automatic
7.7	7.7
225	225
4.0 (3.8**)	4.4 (4.3**)
104 (101**)	116 (112**)

\* Maximum biodiesel (RME) content 7%  
\*\* Restricted offer

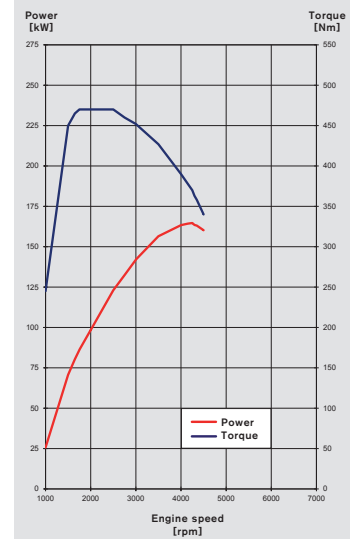
<b>D4 AWD (D5244T21)</b>
In-line 5-cyl. twin turbo diesel
Transverse, all wheel drive
2400
81.0
93.2
Aluminium
Aluminium
16.5:1
4
2
Electronically controlled common rail direct injection
1 - 2 - 4 - 5 - 3
700
Cetane Number: Min 48*
140 (190)/4000
420/1500–3000



-	Automatic
AW TF-80SD	3.075
	8.9
	225
	5.5
	146

\* Maximum biodiesel (RME) content 7%

<b>D5 (D4204T11)</b>
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
Cetane Number: Min 48*
165 (225)/4250
470/1750–2500



-	Automatic
AW TG-81SC	2.666
	6.5
	230
	4.8
	125

\* Maximum biodiesel (RME) content 7%

**ENGINES**

Type
Configuration
Displacement, cm <sup>3</sup>
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

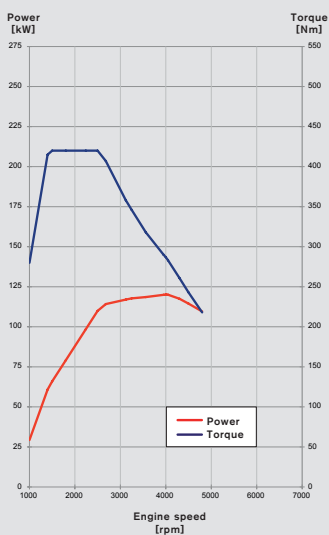
**POWER AND TORQUE →**

Battery type
Battery content, useable energy (kwh)
Battery content, total amount of energy (kwh)
Battery charging time*, at 16A/10A/6A fuse (hours)
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

\*) Time pending on e.g. ambient temp      \*\*) In "Hybrid"-, "Power"- and "EL-AWD"-mode

Automatic gearbox/final drive

<b>D5 AWD (D87PHEV)</b>
In-line 5-cyl. twin turbo diesel
Transverse, front wheel drive, rear electric motor
2400
81.0
93.2
Aluminium
Aluminium
16.5:1
4
2
Electronically controlled common rail direct injection
1 - 2 - 4 - 5 - 3
700
Cetane Number: Min 48*
120 (163)/4000
420/1500-2500

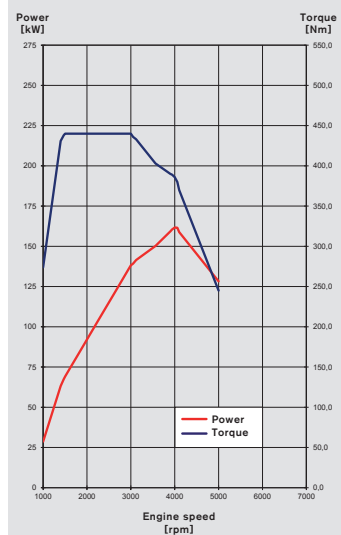


Lithium-ion battery
8
11.2
3.5/4.5/7.5
50/40
200/5-28
~231 (163+68)
~170 (120**+50)
~620 (420**+200)
Over rear axel, outside crash zone

AW TF-80SD/3.075

\* Maximum biodiesel (RME) content 7%  
 \*\* In "Hybrid"-, "Power"- and "EL-AWD"-mode

<b>D6 AWD (D97PHEV)</b>
In-line 5-cyl. twin turbo diesel
Transverse, front wheel drive, rear electric motor
2400
81.0
93.2
Aluminium
Aluminium
16.5:1
4
2
Electronically controlled common rail direct injection
1 - 2 - 4 - 5 - 3
700
Cetane Number: Min 48*
162 (220)/4000
440/1500-3000



Lithium-ion battery
8
11.2
3.5/4.5/7.5
50/40
200/5-28
~288 (220+68)
~212 (162**+50)
~640 (440**+200)
Over rear axel, outside crash zone

AW TF-80SD/3.075

\* Maximum biodiesel (RME) content 7%  
 \*\* In "Hybrid"-, "Power"- and "EL-AWD"-mode

**PERFORMANCE (D5 AWD/D6 AWD)**

Gearbox	Hybrid-mode	Pure-mode	Power-mode	EL-AWD-Mode
Acceleration, 0-100 km/h (sec)	9.0/7.9	-	6.9/6.0	-
Top speed, km/h	125*/210/125*/230	125/125	210/230	150/150
Range (km)	900/900	50**/50**	-	-
Fuel consumption l/100 km (Combined)	1.8/1.8	0.0/0.0	-	-
CO <sub>2</sub> g/km	48/48	-	-	-

\*) Electrical motor only      \*\*) Up to

**MEASUREMENTS AND VOLUMES**

**EXTERIOR MEASUREMENTS (CM)**

Length	463.5
Width (Body width)	182.5
Width (mirrors folded)	189.9
Width (incl mirrors, outer edge)	209.7
Height (including shark fin antenna)	148.4
Wheelbase	277.6
Track, front, (16"/17")	158.8/157.8
Track, rear, (16"/17")	158.5/157.5
Ground clearance, curb (std/"PHEV")	13.6/13.7

**WEIGHTS/MISCELLANEOUS**

Weight, kg (min-max, depending on setup)	1655-2052
Fuel tank, l (min-max, depending on equipment) (std/"PHEV")	67.5/45.0
Max. trailer weight, kg	1500-1800
Max roof load, kg	75
Drag coefficient, Cd	0.29

**INTERIOR MEASUREMENTS (CM)**

Headroom without sunroof (front/rear) (H61-1/H61-2)	97.3/95.4
Headroom with sunroof (front/rear) (H61-1SR/H61-2SR)	95.5/95.4
Headroom maximum, without sunroof (front) (H62-1)	99.9
Passenger compartment width at shoulder height (front/rear) (W3-1/W3-2)	144.7/140.2
Leg room (front/rear) (L34/L51-1)	106.4/85.0
Cargo volume, including under floor storage (V211-2) (litres) (std/"PHEV")	430/305
Cargo length from the first seatback to the tailgate measured at:	
- the height of the floor covering (L202-1)	174.9
Cargo length from the second seatback to the tailgate measured at:	
- the height of the floor covering (L202-2)	97.8
Cargo height (rear wheel center and car center line) (H201) (std/"PHEV")	74.2/67.5
Rear opening height (car center line) (H202) (std/"PHEV")	65.8/59.2
Width of luggage compartment between wheelhouses (W202)	109.0

