# Volvo V40

#### ENGINES

Туре

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

POWER AND TORQUE →

Manual gearbox/final drive Automatic gearbox/final drive PERFORMANCE

Acceleration, 0-100 km/h (sec)

Fuel consumption I/100 km (combined)

Gearbox

CO<sub>2</sub> g/km

Top speed, km/h

Max torque, Nm/rpm

T2 (B4	1204T38)	
In-line	e 4-cyl.	tu

irbo petrol Transverse, front wheel drive

1969

82.0

93.2

Aluminium

Aluminium

11.3:1

4 2

Gasoline direct injection

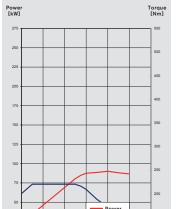
1 - 3 - 4 - 2

850±100

95-98 RON

90 (122)/5000

220/1100-3500

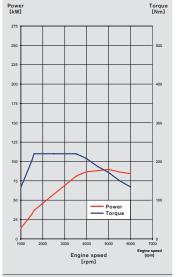


M66H	4.267
-	
Manual	
9.8	
190	
5.5 (5.4*)	
127 (125*)	

\*Restricted offer

T2 (B4154T5)
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
95-98 RON
90 (122)/5000

220/1600-3500



AW TF-71SC	3.234
	Automatic
	9.8
	190
	5.5 (5.4*)
	129 (125*)
*Restricted offer	

# TRANSMISSIONS

6-speed manual gearbox

6-speed automatic gearbox

8-speed automatic gearbox

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

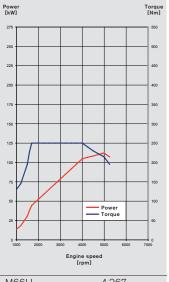
ENGINES
Туре
Configuration
Displacement, cm³
Bore (mm)
Stroke (mm)
Engine cylinder block material
Cylinderhead material
Compression ratio
Valves, no/cylinder
Camshafts
Engine management system
Ignition sequence
Engine idling speed, rpm
Fuel, rec. octane
Max output, kW (hp)/rpm
Max torque, Nm/rpm

T3 (B4204T37)
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
95-98 RON
112 (152)/5000
250/1300-4000

T3 (B4154T4)	
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	
95-98 RON	
112 (152)/5000	
250/1700-4000	
Power Tor [kW] [N	

# 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 I/100 km (combined)
CO <sub>2</sub> g/km



M66H	4.267
-	
Manual	
8.3	
210	
5.5	
127	

WE!					[Nm]
275					550
250					500
25					450
00					400
75					350
50					300
25					250
00			$\langle$		200
75					150
50					100
				ower	
25					- 50
1000 2000 3000 4000 5000 6000 7000					
		Engine [rp	speed m]		

AW TF-71SC	3.234
	Automatic
	8.3
	210
	5.5
	129

Suspension	front	MacPherson Strut, Coil Springs, Hydraulic Shock Absorbers, Stabilizer Bar	ck Absorbers, Stabilizer Bar	
	rear	Independent Suspension with Coil Springs, Hydraulic Shock Absorbers, Stabilizer Bar		
Steering		Electrical Power Assisted Rack and Pinion Steering		
Turning circle, (curb to curb)		10.8 m/11.1m/11.7 m (Tire with 205"/225"/235")		
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	278 mm/300 mm/320 mm		
	rear	280 mm		

#### ENGINES

Ignition sequence

Fuel, rec. octane

Engine idling speed, rpm

Max output, kW (hp)/rpm.

Max torque, Nm/rpm.

ре
onfiguration
splacement, cm <sup>3</sup>
ore (mm)
croke (mm)
ngine cylinder block material
/linderhead material
ompression ratio
alves, no/cylinder
amshafts
ngine management system

### T4 (B4204T19)

In-line 4-cyl. turbo petrol
Transverse, front wheel drive

1969

82.0

93.2

Aluminium

Aluminium

11.3:1

2

Gasoline direct injection

1 - 3 - 4 - 2

850±100

95-98 RON

140 (190)/4700

300/1300-4000

# 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 I/100 km (combined)
CO <sub>2</sub> g/km

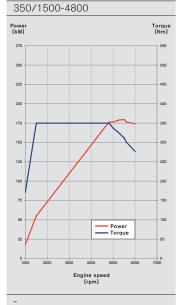
Power [kW]						T (	orque [Nm]
275							550
250							500
225							450
200							400
175							350
150	1			$\supset$			300
125							250
100							200
75							150
50					ower		100
25							50
100	00 20	00 30	00 40	00 50	00 60	00 70	0 000
			Engine [rp	speed m]			

AW IF-71SC	3.234
Manual	Automatic
6.9	6.9
210	210
5.5	5.5
127	128

4.267

M66H

T5 (B4204T11)
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
95-98 RON
180 (245)/5500



AW TG-81SC	2.774
	Automatic
	6.3
	240
	5.9
	137

#### ENGINES

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

Max output, kW (hp)/rpm.

Max torque, Nm/rpm.

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
Dawes Tarme

DO (D420419)	
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	
Power [kW]	Torque [Nm]

D3 (D4204T9)

2 . (8.20)					
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					
Power Torque [kW] [Nm]					

D4 (D4204T14)

#### 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 I/100 km (combined) CO<sub>2</sub> g/km

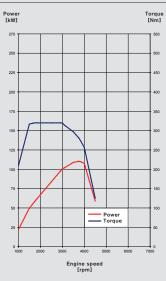
(kW) (Nm)			
275	550		
250	500		
225	450		
200	400		
175	350		
150	300		
125	250		
100	200		
75	150		
50	Power Torque		
25	50		
1000 2000 3000	4000 5000 6000 7000		
Engine speed [rpm]			
M66F 3.882 (3.565)			

111001	0.002 (0.000)
AW TF-71SC	3.234
Manual	Automatic
10.5 (10.7)	10.5
190	190
3.4 (3.2**)	3.8 (3.7**)

101 (97\*\*)

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

89 (82\*\*)

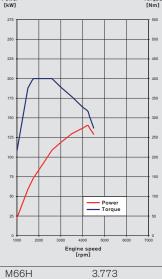


M66F	3.882
AW TF-71SC	3.234

Manual	Automatic
8.4	8.4
210	210
3.8 (3.6**)	4.0 (3.9**)
99 (95**)	104 (101**)

According to EN590

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



AW TG-81SC	2.666
Manual	Automatic
7.4	7.0

7.2
230
4.2 (4.0**)
109 (106**)

According to EN590

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

#### MEASUREMENTS AND VOLUMES

EXTERIOR MEASUREMENTS (CM)	
Length	437.0
Widht (body width)	178.3
Widht (including outer mirrors)	204.1
Height (body height)	142.0
Height (including shark fin antenna)	143.9
Wheelbase	264.7
Track, front, (46 mm/50 mm/52.5 mm)	155.9/155.1/154.6
Track, rear, (46 mm/50 mm/52.5 mm)	154.6/153.8/153.3
Ground clearance, curb (std/sport chassis)	13.3-14.4/12.1-13.3

#### WEIGHTS/MISCELLANEOUS

WEIGHTS/WISCELLANEOUS	
Weight, kg (min-max, depending on setup)	1532-1615
Fuel tank, I	62 (40*)
Max. trailer weight, kg	1500
Max roof load, kg	75
Drag coefficient, Cd (D4162T/all other)	0.29-0.32

<sup>\*</sup> Restricted offer

#### INTERIOR MEASUREMENTS (CM)

Headroom, maximum (front/rear)	98.4/93.2
Passenger compartment width	
at shoulder height (front/rear)	139.6/134.9
Leg room (front/rear)	107.3/84.7
Cargo volume, including under floor storage (petrol/diesel) (litres)	324/335
- under floor volume (petrol/diesel) (litres)	5/16
Cargo length from the second seatback to the tailgate measured at:	
- the height of the floor covering (std/opt)	68.4/78.2
Cargo length from the first seatback to the tailgate measured at:	
- the height of the floor covering (std/opt)	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

