# 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 →

Max torque, Nm/rpm

T2 (B4204T38)
In-line 4-cyl. turbo petrol
Transverse, front wheel drive
1969
82.0
93.2
Aluminium
Aluminium
11.3:1
4

Gasoline direct injection

1 - 3 - 4 - 2

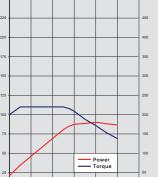
850 ± 100 Min 91RON

Power [kW]

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

Torque [Nm]

Gasoline direct injection

1 - 3 - 4 - 2

850 ± 100 Min 91RON 90 (122)/5000

220/1600-3500 Power [kW]

Torque [Nm]

# Engine speed [rpm]

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

TRANSMISSIONS

Manual gearbox/final drive

Gearbox

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

Top speed, km/h

Automatic gearbox/final drive PERFORMANCE

Acceleration, 0-100 km/h (sec)

Fuel consumption I/100 km (combined)

6-speed manual and 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

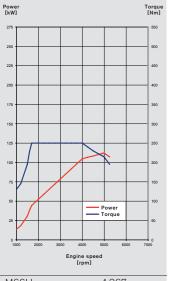
ENGINES
Туре
Configuration
Displacement, cm <sup>3</sup>
Bore (mm)
Stroke (mm)
Engine cylinder block material
Cylinderhead material
Compression ratio
Valves, no/cylinder
Camshafts
Engine management system
Ignition sequence
Engine idling speed, rpm
Fuel, rec. octane
Max output, kW (hp)/rpm
Max torque,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

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
Min 91RON
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	
	Min 91RON	
	112 (152)/5000	
	250/1700-4000	
Torque [Nm]	Power [kW]	Torque [Nm]

## 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	

200							400
175							350
150							300
125		ļ					250
	/			$\rightarrow$			
100	<i>-</i>		/		\		200
75	/						
75	/						150
50	ļ.,	_					100
	/				ower		
25							- 50
0 -							0
10	100 2	000 30	100 40	00 50	00 60	100 70	00
			Engine	speed m]			
			Lit	,,,,,			
-							
ΑV	V TF-	-71S0		3	3.234		

AW TF-71SC	3.234
	Automatic
	8.3
	210
	5.5
	129

Suspension	front	MacPherson Strut, Coil Springs, Hydraulic Shock 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/11.1/11.7 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

Туре
Configuration
Displacement, cm <sup>3</sup>
Bore (mm)
Stroke (mm)
Engine cylinder block material
Cylinderhead material
Compression ratio
Valves, no/cylinder
Camshafts

Ignition sequence

Engine idling speed, rpm

Engine management system

Fuel, rec. octane

Max output, kW (hp)/rpm.

Max torque, Nm/rpm.

# 9 A 1 4 2

T4 (B4204T19)

1969 82.0

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

# 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

93.	.2					
٩lu	Aluminium					
٩lu	ıminiu	ım				
11.	.3:1					
4						
2						
Ga	soline	direc	t inje	ction		
1 -	3 - 4	- 2				
35	0 ± 1	00				
Mir	91F	RON				
14	0 (19	0)/4	700			
300/1300-4000						
owe	r					orque Nm]
275						550
250						500
225						450

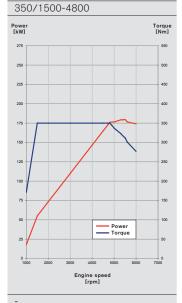
Powe [kW]	r					T.	Nm]
275							550
250							500
225							450
200							400
175							350
150				$\supset$			300
125			/				250
100							200
75	/						150
50				<u>_</u> F	ower		100
25							50
10	00 20	00 30	00 40	00 50	00 60	100 70	0 100
Engine speed [rpm]							

AW II / IOC	0.204
Manual	Automatic
6.9	6.9
210	210
5.5	5.5
127	128

M66H

4.267

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
Min 91RON
180 (245)/5500



AW TG-81SC	2.774
	Automatic
	6.3
	240
	5.9
	137

## ENGINES

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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

Gearbox

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

Top speed, km/h

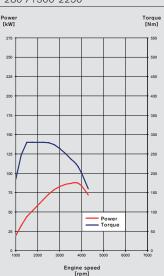
Automatic gearbox/final drive PERFORMANCE

Acceleration, 0-100 km/h (sec)

Fuel consumption I/100 km (combined)

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
825
Cetane Number: Min 48*
88 (120)/3750
280 /1500-2250



3.882 (3.565)
3.234
Automatic
10.5
190
3.8 (3.7**)

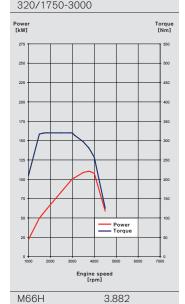
101 (97\*\*)

\* Maximum biodiesel (RME) content 7%

\*\* Restricted offer

89 (82\*\*)

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
Cetane Number: Min 48*
110 (150)/3750
320/1750-3000



Manual	Automatic
8.4	8.4
210	210
3.8 (3.6**)	4.0 (3.9**)

3.234

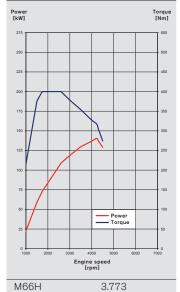
104 (101\*\*)

\* Maximum biodiesel (RME) content 7%

99 (95\*\*) \*\* Restricted offer

AW TF-71SC

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
Cetane Number: Min 48*
140 (190)/4250
400/1750-2500



AW TF-71SC	2.666
Manual	Automatic
7.4	7.2
230	230
3.8 (3.7**)	4.2 (4.0**)
99 (96**)	109 (106**)

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

## MEASUREMENTS AND VOLUMES

EXTERIOR MEASUREMENTS (CM)	
Length	436.9
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

1532-1615
62 (40*)
1500
75
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

