Torque [Nm]

Volvo V40

ENGINES

Туре

Configuration

Displacement, cm³

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

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

CO₂ g/km

Top speed, km/h

Max torque, Nm/rpm

T2 (B4204T38)

In-line 4-cyl. turbocharged

Transverse, front wheel drive

1969

82.0

93.2

Aluminium

Aluminium

11.3:1

4 2

Gasoline direct injection

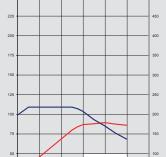
1 - 3 - 4 - 2

850±100

95-98 RON

90 (122)/5000

220/1100-3500



M76 R6.2	3.833	
-		
Manual		

10.4 190 5.6 (5.4*)

127 (123*) *Restricted offer

T2 (B4154T5)

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

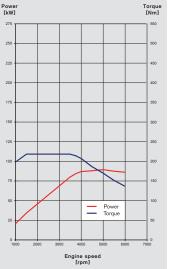
850±100

Power [kW]

95-98 RON

90 (122)/5000

220/1600-3500



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

Engine speed [rpm]

Power Torque

*Restricted offer

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

POWER AND TORQUE →

Torque [Nm]

ENGINES	
Туре	
Configuration	
Displacement, cm ³	
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	

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
05.00.0011

wer (W]		Torque [Nm]
75		550
50		500
25		450
00		400
75		350
50		300
25		250
20		200
75		150
50	Pow Torq	
25		50
1000 2000 300	engine speed	6000 7000
476 R6 2	[rpm]	

-	
AW TF-71SC	3.234
	Automatic
	8.3
	210
	5.5
	129

Engine speed [rpm]

Power Torque

125					
100			\geq	1	
75					
50					
25			=	Power Torque	
1000	2000 30			00 60	00
		Engine [r _l	speed pm]		
 M76 F	R6.2		,	3.833	3
-					
Manua	al				
8.9					
210					
5.6					

NGINES	T3 (B4204T37)	T3 (B4154T4)
уре	In-line 4-cyl. turbocharged	In-line 4-cyl. turbocharged
onfiguration	Transverse, front wheel drive	Transverse, front wheel driv
isplacement, cm ³	1969	1498
ore (mm)	82.0	82.0
troke (mm)	93.2	70.9
ngine cylinder block material	Aluminium	Aluminium
ylinder head material	Aluminium	Aluminium
ompression ratio	11.3:1	10.5:1
alves, no/cylinder	4	4
amshafts	2	2
ngine management system	Gasoline direct injection	Gasoline direct injection
nition sequence	1 - 3 - 4 - 2	1 - 3 - 4 - 2
ngine idling speed, rpm	850±100	850±100
uel, rec. octane	95-98 RON	95-98 RON
ax output, kW (hp)/rpm	112 (152)/5000	112 (152)/5000
ax torque, Nm/rpm	250/1300-4000	250/1700-4000
		orque Power [Nm] [kW]

	25 0 1000
Manual gearbox/final drive	M76
Automatic gearbox/final drive	-
PERFORMANCE	
Gearbox	Manu
Acceleration, 0-100 km/h (sec)	8.9
Top speed, km/h	210
Fuel consumption I/100 km (combined)	5.6
CO ₂ g/km	127

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/11.1m/11.7 m (Tire (width) 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

турс	
Configuration	
Displacement, cm ³	
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

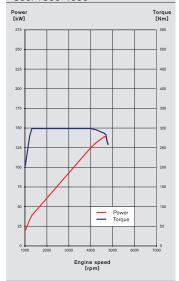
POWER AND TORQUE →

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 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

Gasoline direct injection

1 - 3 - 4 - 2 850±100 95-98 RON 140 (190)/4700 300/1300-4000

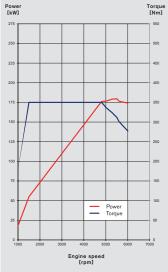


M76 R6.2	3.833
AW TF-71SC	3.234

Manual	Automatic
7.8	6.9
210	210
5.6	5.5
127	128

T5 (B4204T11)
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
850±100
95-98 RON
180 (245)/5500
350/1500-4800



AW TG-81SC	2.774
	Automatic
	6.3
	240
	5.9
	137

ENGINES

Туре

Configuration

Displacement, cm³

Bore (mm)

Stroke (mm)

Engine cylinder block material

Cylinder head material

Compression ratio

Valves, no/cylinder

Camshafts

Engine management system

Ignition sequence

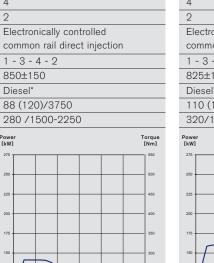
Engine idling speed, rpm

Fuel

Max output, kW (hp)/rpm

Max torque, Nm/rpm

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



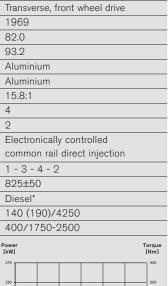
82.0 93.2 Aluminium Aluminium 16.0:1 4 Electronically controlled common rail direct injection 1 - 3 - 4 - 2 825±150 Diesel* 110 (150)/3750 320/1750-3000 Torque [Nm]

D3 (D4204T9)

1969

In-line 4-cyl. turbo diesel

Transverse, front wheel drive



D4 (D4204T14)

In-line 4-cyl. twin turbo diesel

POWER AND TORQUE >

PERFORMANCE	
Automatic gearbox/final drive	
Manual gearbox/final drive	

Gearbox

Acceleration, 0-100 km/h (sec)

Top speed, km/h

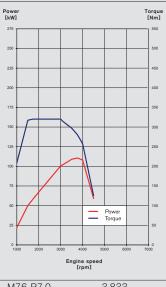
Fuel consumption I/100 km (combined) CO₂ g/km

275					r 550
215					550
250					500
225					450
200					400
175					350
150					300
125					250
100					200
- T		\			
75		/			150
50					100
~ /		_	Power Torque		100
25			Torque		50
1000 2000 3	000 40	00 50	000 60	00 70	00
Engine speed [rpm]					
M76 R7 0			3 833		

1017 0 107.0	0.000
AW TF-71SC	3.234
Manual	Automatic
10.5	10.5
190	190
3.6 (3.4**)	3.9 (3.8**)
94 (89**)	104 (99**)

According to EN590

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

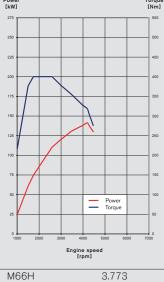


M76 R7.0	3.833
AW TF-71SC	3.234

Manual	Automatic
8.4	8.4
210	210
3.8 (3.6**)	4.1 (4.0**)
101 (96**)	108 (104**)

According to EN590

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



AW TG-81SC	2.666
Manual	Automatic
7.4	7.2
230	230
3.8 (3.7**)	4.2 (4.0**)

109 (106**)

99 (96**) * 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)	13.3-14.4/12.1-13.3

WEIGHTS/MISCELLANEOUS

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	0.29-0.32

^{*} Restricted offer

INTERIOR MEASUREMENTS (CM)

Headroom, maximum (front/rear) (H62-1/H61-2 SR)	98.4/93.2
Passenger compartment width at shoulder height (front/rear) (W3-1/W3-2)	139.6/134.9
Leg room (front/rear) (L34/L51-2)	107.3/84.7
Cargo volume, including under floor storage (petrol/diesel) (litres) (V211-	2) 324/335
- under floor volume (petrol/diesel) (litres) (V209)	5/16
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 (GCIE W207)	91.6

