## Volvo S40 DRIVe

ENGINES
Туре
Configuration
Displacement, cm <sup>3</sup>
Bore (mm)
Stroke (mm)
Engine cylinder block material
Cylinderhead material
Combustion chamber type
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.

	DIESEL 1.6 DRIVe
	In-line, 4-cylinder turbo diesel
	Transverse, front wheel drive
	1560
	75.0
	88.3
	Aluminium
	Aluminium
	Pent-roof
	18.3:1
	4
	2
	Common rail electronic fuelling
_	1-3-4-2
	790
	Cetane Number min 48
	80 (109)/4000
_	240/1750

## POWER AND TORQUE →

Forque, I
4
45
42
40
37
35
- 32
27
25
2
20
17
15
13
10
78
50
25

— POWER --- TORQUE

Manual gearbox/final drive	MTX75 D1
Automatic gearbox/final drive	
PERFORMANCE	
Gearbox	Manual
Acceleration, 0-100 km/h (sec)	11.4
Top speed, km/h	190
Fuel consumption I/100 km (Combined)	4.0
CO <sub>2</sub> g/km	107

5- or 6-speed manual g	earbox.	
5-speed adaptive auton	atic transmissions with Geartronic, electronically controlled, with lock-up.	
RATIO MTX75 D1		
First	3.800	
Second	2.048	
Third	1.258	
Fourth	0.865	
Fifth	0.674	
Sixth	-	
Reverse	3.727	

## MEASUREMENTS AND VOLUMES

WEASUREWENTS AND VOLUMES		
EXTERIOR MEASUREMENTS (CM)		
Length		447.6
Width		177.0
Height, curb		145.4
Wheelbase		264.0
Track, front, (15"/16"-17")		154.8/153,5
Track, rear, (15"/16"-17")		154.4/153,1
Ground clearance, curb		13.5
WEIGHTS/MISCELLANEOUS		
Weight, curb, kg,		
(min-max, depending on model)		1381-1459
Fuel tank, I		
(min-max, depending on model)		52
Max. trailer weight, kg,		
(min-max, depending on model)		800
Max roof load, kg		75
Drag coefficient, Cd		0.29
INTERIOR MEASUREMENTS (CM)		
Headroom with sunroof (front/rear)		96.8/94.5
Headroom without sunroof (front/rear)		98.8/94.5
Passenger compartment width at shoulder		
height (front/rear)		140.2/137.4
Leg room (front/rear)		105.7/87.4
Cargo volume,	low floor	high floor
(ISO V210)	404	325
Cargo length (L211)		97.6
Cargo length with rear seat(s) folded down		174.5
Height of luggage	low floor	high floor
compartment	44.1	36.0
Liftover height (H195)		64.2
Width of luggage compartment		
between wheelhouses		103.4

## CHASSIS

Suspension	front	Spring-strut, lower link, anti-roll bar
	rear	Individual, multilink, coil springs, anti-roll bar
Steering		Rack and pinion, power assisted
Turning circle,		
curb to curb		10.6 m
Braking system		ABS system with EBD. Ventilated discs front and rear.
Braking distan	се	
100-0 km/h		38 m
Brake disc dia	meter	
Front/Rear		278, 300, 320 / 280mm