

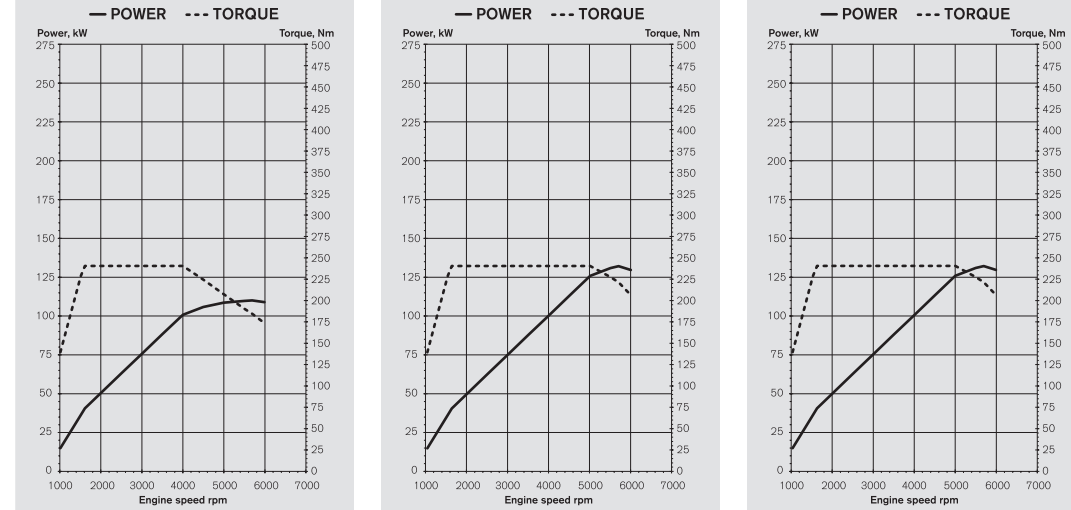
Volvo S60

CONT'D VOLVO S60 →

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ENGINES	T3 (B4164T3)	T4 (B4164T)	T4F (B4164T2)
Type	In-line 4-cyl.turbo petrol	In-line 4-cyl.turbo petrol	In-line 4-cyl.turbo petrol
Configuration	Transverse, front wheel drive	Transverse, front wheel drive	Transverse, front wheel drive
Displacement, cm ³	1596	1596	1596
Bore (mm)	79.0	79.0	79.0
Stroke (mm)	81.4	81.4	81.4
Engine cylinder block material	Aluminium	Aluminium	Aluminium
Cylinderhead material	Aluminium	Aluminium	Aluminium
Compression ratio	10.0:1	10.0:1	10.0:1
Valves, no/cylinder	4	4	4
Camshafts	2	2	2
Engine management system	Integrated fuel (SFI) / ignition control systems	Integrated fuel (SFI) / ignition control systems	Integrated fuel (SFI) / ignition control systems
Ignition sequence	1 - 3 - 4 - 2	1 - 3 - 4 - 2	1 - 3 - 4 - 2
Engine idling speed, rpm	750	750	750
Fuel, rec. octane	91-98 RON	91-98 RON	E85 & 91-98 RON
Max output, kW (hp)/rpm.	110 (150) / 5700	132 (180) / 5700	132 (180) / 5700
Max torque, Nm/rpm.	240 / 1600-4000	240 / 1600-5000	240 / 1600-5000

POWER AND TORQUE →

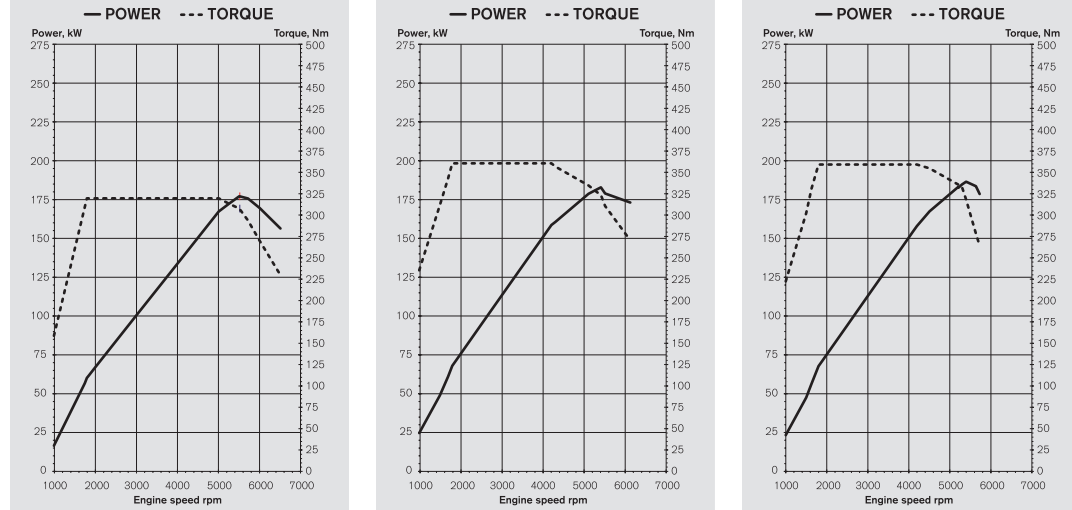


Manual gearbox/final drive	MMT6 W3 / 3.813 Gear 1-4, 2.773 Gear 5-6+R	MMT6 Z3 / 3.690 Gear 1-4, 2.682 Gear 5-6+R	MMT6 Z3 / 3.690 Gear 1-4, 2.682 Gear 5-6+R
Automatic gearbox/final drive	MPS6-7 / 3.933 Gear 1-4, 2.682 Gear 5-6+R	MPS6-7 / 3.933 Gear 1-4, 2.682 Gear 5-6+R	MPS6-7 / 3.933 Gear 1-4, 2.682 Gear 5-6+R
PERFORMANCE			
Gearbox	Manual	Automatic	Manual
Acceleration, 0-100 km/h (sec)	9.4	10.2	8.3
Top speed, km/h	205	210	225
Fuel consumption l/100 km (Combined)	5.8	6.8	6.8
CO ₂ , g/km	135	159	157

TRANSMISSIONS							
6-speed manual and automatic gearbox.							
6-speed powershift.							
RATIO	AW TF-80SC	M66D	MPS6-7	MPS6-4	MMT6 (W3 FD 3.813)	MMT6 (Z3 FD 3.690)	MMT6 (Z3 FD 3.611)
First	4.149	3.385	3.818	3.583	3.583	3.818	3.818
Second	2.370	1.905	2.150	1.952	1.952	2.150	2.150
Third	1.556	1.194	1.407	1.194	1.241	1.423	1.423
Fourth	1.155	0.838	1.029	0.842	0.868	1.029	1.029
Fifth	0.859	0.652	1.188	0.943	0.943	1.129	1.129
Sixth	0.686	0.540	0.971	0.789	0.789	0.943	0.943
Reverse	3.394	3.200	5.284	4.843	5.099	5.443	5.434

ENGINES	T5 (B4204T7)	T5 (B5254T14)	T5 (B5254T12)
Type	In-line 4-cyl.turbo petrol	In-line 5-cyl.turbo petrol	In-line 5-cyl.turbo petrol
Configuration	Transverse, front wheel drive	Transverse, front & all wheel drive	Transverse, front & all wheel drive
Displacement, cm ³	1999	2497	2497
Bore (mm)	87.5	83.0	83.0
Stroke (mm)	83.1	92.3	92.3
Engine cylinder block material	Aluminium	Aluminium	Aluminium
Cylinderhead material	Aluminium	Aluminium	Aluminium
Compression ratio	10.0:1	9.5:1	9.5:1
Valves, no/cylinder	4	4	4
Camshafts	2	2	2
Engine management system	Integrated fuel (SFI) / ignition control systems	Integrated fuel (SFI) / ignition control systems	Integrated fuel (SFI) / ignition control systems
Ignition sequence	1 - 3 - 4 - 2	1 - 2 - 4 - 5 - 3	1 - 2 - 4 - 5 - 3
Engine idling speed, rpm	780	720	720
Fuel, rec. octane	91-98 RON	91-98 RON	91-98 RON
Max output, kW (hp)/rpm.	177 (240) / 5500	183 (249) / 5400	187 (254) / 5400
Max torque, Nm/rpm.	320 / 1800-5000	360 / 1800-4200	360 / 1800-4200

POWER AND TORQUE →



Manual gearbox/final drive	MMT6 Z3 / 3.813 Gear 1-4, 2.773 Gear 5-6+R	AW TF-80SC / 3.200 (FWD) / 3.329 (AWD)	AW TF-80SC / 3.200 (FWD) / 3.329 (AWD)
Automatic gearbox/final drive	MPS6-7 / 3.933 Gear 1-4, 2.682 Gear 5-6+R	MPS6-7 / 3.933 Gear 1-4, 2.682 Gear 5-6+R	MPS6-7 / 3.933 Gear 1-4, 2.682 Gear 5-6+R
PERFORMANCE			
Gearbox	Manual	Automatic	Automatic
Acceleration, 0-100 km/h (sec)	7.3	7.5	6.8 (FWD) / 7.0 (AWD)
Top speed, km/h	230	230	245 (FWD) / 240 (AWD)
Fuel consumption l/100 km (Combined)	7.9	8.1	8.7
CO ₂ , g/km	184	189	203

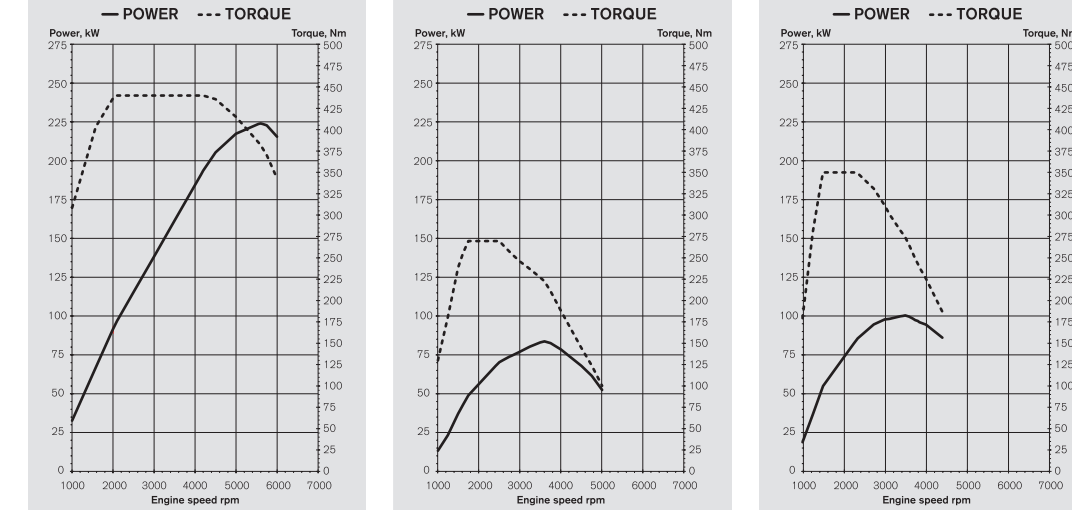
CHASSIS		
Suspension	front	MacPherson Strut, Coil Springs, Hydraulic Shock Absorbers, Stabilizer Bar
	rear	Independent Suspension with Coil Springs, Hydraulic Shock Absorbers, Stabilizer Bar
Steering	Power Assisted Rack and Pinion Steering	
Turning circle, curb to curb	11.3 m	
Braking system	Antilock 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	300 mm / 316 mm / 336 mm
	rear	302 mm

CONT'D VOLVO S60 →

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ENGINES	T6 (B6304T4)	D2 (D4162T)	D3 (D524T7)
Type	In-line 6-cyl.turbo petrol	In-line 4-cyl.turbo diesel	In-line 5-cyl.turbo diesel
Configuration	Transverse, all wheel drive	Transverse, front wheel drive	Transverse, front wheel drive
Displacement, cm ³	2953	1560	2400
Bore (mm)	82.0	75.0	81.0
Stroke (mm)	93.2	88.3	77.0
Engine cylinder block material	Aluminium	Aluminium	Aluminium
Cylinderhead material	Aluminium	Aluminium	Aluminium
Compression ratio	9.3:1	16.0:1	16.5:1
Valves, no/cylinder	4	2	4
Camshafts	2	1	2
Engine management system	Integrated fuel (SFI) / ignition control systems	Electronically controlled common rail direct injection	Electronically controlled common rail direct injection
Ignition sequence	1 - 5 - 3 - 6 - 2 - 4	1 - 3 - 4 - 2	1 - 2 - 4 - 5 - 3
Engine idling speed, rpm	590	790	700
Fuel, rec. octane	91-98 RON	Cetane Number: Min 48	Cetane Number: Min 48
Max output, kW (hp)/rpm.	224 (304) / 5600	84 (115) / 3600	100 (136) / 3500
Max torque, Nm/rpm.	440 / 2100-4200	270 / 1750-2500	350 / 1500-2250

POWER AND TORQUE →



Manual gearbox/final drive	MMT6 W3 / 4.063 Gear 1-4, 2.955 Gear 5-6+R	M66D F1A / 3.770
Automatic gearbox/final drive	AW TF-80SC / 3.329	AW TF-80SC / 3.075
PERFORMANCE		
Gearbox	Automatic	Manual
Acceleration, 0-100 km/h (sec)	5.9	10.9
Top speed, km/h	250	195
Fuel consumption l/100 km (Combined)	9.9	4.3/4.0*
CO ₂ , g/km	231	114/106*

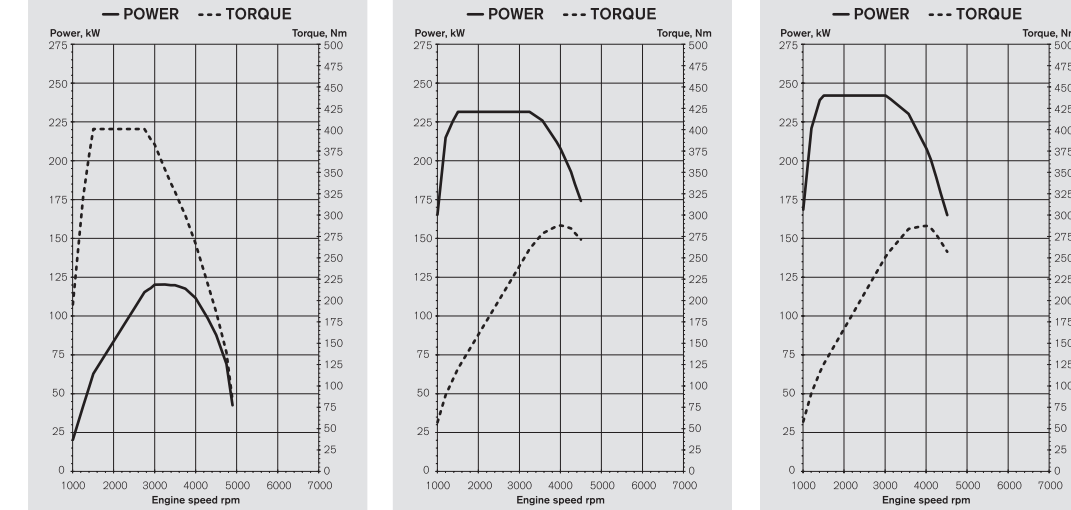
* Tire restriction

CONT'D VOLVO S60 →

→ CONT'D VOLVO S60

ENGINES	D4 (D524T3)	D5 (D524T11)	D5 (D524T15)
Type	In-line 5-cyl.turbo diesel	In-line 5-cyl.turbo diesel	In-line 5-cyl.turbo diesel
Configuration	Transverse, front wheel drive	Transverse, front wheel drive	Transverse, front and all wheel drive
Displacement, cm ³	1984	2400	2400
Bore (mm)	81.0	81.0	81.0
Stroke (mm)	93.15	93.15	93.15
Engine cylinder block material	Aluminium	Aluminium	Aluminium
Cylinderhead material	Aluminium	Aluminium	Aluminium
Compression ratio	16.5:1	16.5:1	16.5:1
Valves, no/cylinder	4	4	4
Camshafts	2	2	2
Engine management system	Electronically controlled common rail direct injection	Electronically controlled common rail direct injection	Electronically controlled common rail direct injection
Ignition sequence	1 - 2 - 4 - 5 - 3	1 - 2 - 4 - 5 - 3	1 - 2 - 4 - 5 - 3
Engine idling speed, rpm	700	740	700
Fuel, rec. octane	Cetane Number: Min 48	Cetane Number: Min 48	Cetane Number: Min 48
Max output, kW (hp)/rpm.	120 (163) / 3500	158 (215) / 4000	158 (215) / 4000
Max torque, Nm/rpm.	400 / 1500-2750	420 / 1500-3250	440 / 1500-3000

POWER AND TORQUE →



Manual gearbox/final drive	M66D F2A / 3.770	M66D F2A / 3.770
Automatic gearbox/final drive	AW TF-80SC / 3.075	AW TF-80SC / 3.075
PERFORMANCE		
Gearbox	Manual	Automatic (M6)
Acceleration, 0-100 km/h (sec)	9.2	9.2
Top speed, km/h	220	215
Fuel consumption l/100 km (Combined)	4.3	5.8 / 4.8
CO ₂ , g/km	114	152 / 126

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MEASUREMENTS AND VOLUMES	
EXTERIOR MEASUREMENTS (CM)	
Length	463.5
Width (without mirrors)	186.5
Height (including shark fin)	148.4
Wheelbase	277.6
Track, front, (16"/17")	158.8 / 157.8
Track, rear, (16"/17")	158.5 / 157.5
Ground clearance, curb	13.6

WEIGHTS/MISCELLANEOUS	
Curb weight, kg (min-max, depending on setup)	1445-1780
Fuel tank, l (min-max, depending on equipment)	67.5
Max. trailer weight, kg	1300-1800
Max roof load, kg	75
Drag coefficient, Cd	0.28

INTERIOR MEASUREMENTS (CM)	
Headroom without sunroof (front/rear)	97.3 / 95.1
Headroom with sunroof (front/rear)	95.5 / 95.1
Passenger compartment width at shoulder height (front/rear)	144.7 / 140.1
Leg room (front/rear)	106.4 / 85.2
Cargo volume, including under floor storage (ISO V210) (380+8)	388
Cargo length at floor from the back of front seatback	174.9
Cargo length at floor from the back of the rear seatback	96.5
Loading height between cargo floor and parcel shelf (H212)	46.5
Liftover height (H196)	65.6
Width of luggage compartment between wheelhouses	91.9

