



ŠKODA OCTAVIA

Diesel engines

Technical specifications	1.6 TDI/66 kW	1.6 TDI/85 kW	1.6 TDI/85 kW (A)	2.0 TDI/110 kW	2.0 TDI/110 kW (A)
Engine					
Engine type	turbocharged diesel engine, turbocharger with self-aligning blades, in-line, liquid cooling system, DOHC, transverse in front				
Cylinders	4				
Displacement [cm ³]	1598			1968	
Bore × Stroke [mm × mm]	79.5 × 80.5			81.0 × 95.5	
Max. engine performance/revs [kW at rpm]	66/2750-4600	85/3250-4000		110/3500-4000	
Max. torque/revs [Nm at rpm]	230/1400-2750	250/1500-3200		340/1750-3000	
Compression ratio	16.2 : 1				
Emission limit	EU 6				
Fuel injection system	electronically controlled high-pressure direct injection – common-rail system				
Lubrication	force-feed lubrication with through-flow oil filter				
Fuel quality	diesel				
Transmission					
Wheel drive	front wheel drive				
Clutch	hydraulic single dry clutch disc with membrane spring, asbestos free	two coaxial dry multiple-disk clutch, electro-hydraulically operated		hydraulic single dry clutch disc with membrane spring, asbestos free	two coaxial wet multiple-disk clutch, electro-hydraulically operated
Transmission	manual 5-speed fully synchronized	automatic 7-speed, DSG, with Tiptronic manual gear changing		manual 6-speed fully synchronized	automatic 6-speed, DSG, with Tiptronic manual gear changing
Transmission ratio	I-3.78 II-1.94 III-1.19 IV-0.82 V-0.63 R-3.60	I-3.50 II-2.09 III-1.34 IV-0.93 V-0.97 VI-0.78 VII-0.65 R-3.72		I-3.77 II-1.96 III-1.26 IV-0.87 V-0.86 VI-0.72 R-4.55	I-3.46 II-1.90 III-1.13 IV-0.76 V-0.76 VI-0.62 R-3.99
Axle ratio	3.647		4.800/3.429 R-4.500	3.450/2.760	4.375/3.333



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Chassis						
Front axle		MacPherson suspension with lower triangular links and torsion stabiliser				
Rear axle		compound link crank-axle				
Springs		telescopic shock absorbers with coil springs, in the rear outside the springs				
Braking system		hydraulic dual-diagonal circuit braking system vacuum assisted with Dual Rate system				
Brake – front		disc brakes with inner cooling, with single/piston floating caliper				
Brake – rear		disc brakes				
Parking brake		manual, on rear wheels				
Steering system		direct rack and pinion steering with electro mechanic power steering				
Wheels		6J × 15"			6.5J × 16"	
Tyres		195/65 R15			205/55 R16	
Body						
Body		5 door, two compartment, 5 seater				
Drag coefficient c_w		0.279	0.280		0.294	
Outside dimensions						
Length	[mm]	4670				
Width	[mm]	1814				
Height (at kerb weight)	[mm]	1461				
Wheel base	[mm]	2686				
Clearance (at kerb weight)	[mm]	141				
Height of the loading sill (at kerb weight)	[mm]	699				
Track front	[mm]	1549			1543	
Track rear	[mm]	1540			1534	



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Inside dimensions						
Width of front seats	[mm]			1454		
Width of rear seats	[mm]			1449		
Headroom in front seats	[mm]			983		
Headroom in rear seats	[mm]			980		
Storage capacity	[l]			590		
Storage capacity with rear seatback folded down	[l]			1580		
Weights						
Kerb weight – incl. driver**	[kg]	1305	1305	1320	1332	1352
Payload – incl. driver**	[kg]			625		
Total weight	[kg]	1855	1855	1870	1882	1902
Max. roof load	[kg]			75		
Max. trailer load w/o brakes	[kg]	640	650		660	670
Max. trailer load with brakes – 12%	[kg]	1400	1500		1600	
Max. trailer load with brakes – 8%	[kg]	1700		1800		
Max. nose weight	[kg]			75		
Liquids						
Tank capacity	[l]			50		
Performance/consumption						
Maximum speed	[km/h]	186	203	202	218	215
Acceleration 0–100 km/h	[s]	12.2	10.1	10.2	8.4	8.5
Fuel consumption (1999/100/EC)						
Consumption – urban	[l/100 km]	4.5	4.5	4.1	5.1	5.2
Consumption – extra-urban	[l/100 km]	3.7	3.7	3.7	3.8	4.1
Consumption – combined	[l/100 km]	4.0	4.0	3.9	4.3	4.5
CO ₂ emissions	[g/km]	105	105	102	112	117
Turning circle diameter	[m]			10.4		

** Figures apply to basic version, weight of driver 75 kg.