



ŠKODA Octavia

Diesel engines

Technical specifications	1.6 TDI CR DPF/77 kW	1.6 TDI CR DPF/77 kW (A)	2.0 TDI CR DPF/110 kW	2.0 TDI CR DPF/110 kW (A)
Engine				
Engine type	turbocharged diesel engine, turbocharger with self-aligning blades, in-line, liquid cooling system, high-pressure direct injection system, DOHC, transverse in front			
Cylinders	4	4	4	4
Displacement [cm ³]	1598	1598	1968	1968
Bore × Stroke [mm × mm]	79.5 × 80.5	79.5 × 80.5	81.0 × 95.5	81.0 × 95.5
Max. engine performance/revs [kW at rpm]	77/3000-4000	77/3000-4000	110/3500-4000	110/3500-4000
Max. torque/revs [Nm at rpm]	250/1500-2750	250/1500-2750	320/1750-3000	320/1750-3000
Compression ratio	16.0 : 1	16.0 : 1	16.2 : 1	16.2 : 1
Emission limit	EU 5			
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-2.05 III-1.30 IV-0.90 V-0.91 VI-0.76 R-3.99
Axle ratio	3.647	4.800/3.429 R-4.500	3.450/2.760	4.118/3.043
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			
Steering wheel: diameter [mm]	378			
Wheels	6J×15"		6.5J×16"	
Tyres	195/65 R15		205/55 R16	



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Body				
Body	5 door, two compartment, 5 seater			
Drag coefficient c_w	0.288		0.297	
Outside dimensions				
Length [mm]	4659			
Width [mm]	1814			
Height (at kerb weight) [mm]	1461			
Wheel base [mm]	2686			
Clearance (at kerb weight) [mm]	139			
Height of the loading sill (at kerb weight) [mm]	699			
Track front [mm]	1549		1543	
Track rear [mm]	1520		1514	
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 seats folded down [l]	1580			
Weights				
Kerb weight - incl. driver** [kg]	1305	1320	1330	1350
Payload - incl. driver** [kg]	625			
Total weight [kg]	1855	1870	1880	1900
Max. roof load [kg]	75			
Max. trailer load w/o brakes [kg]	650		660	670
Max. trailer load with brakes - 12% [kg]	1500		1600	
Max. trailer load with brakes - 8% [kg]	1800		1800	
Max. nose weight [kg]	75			
Liquids				
Tank capacity [l]	50			



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Performance/consumption				
Maximum speed [km/h]	194	194	218	215
Acceleration 0-100 km/h [s]	10.8	10.9	8.5	8.6
Fuel consumption (1999/100/EC)	EU 5			
Consumption - urban [l/100 km]	4.6	4.6	5.0	5.4
Consumption - extra-urban [l/100 km]	3.3	3.5	3.6	4.1
Consumption - combined [l/100 km]	3.8	3.9	4.1	4.5
CO ₂ emissions [g/km]	99	102	106	119
Turning circle diameter [m]	10.4			

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