



## ŠKODA Octavia

## Petrol engines

Technical specifications	1.2 TSI/63 kW	1.2 TSI/77 kW	1.4 TSI/103 kW	1.4 TSI/103 kW (A)	1.8 TSI/132 kW	1.8 TSI/132 kW (A)
<b>Engine</b>						
Engine type	turbocharged petrol engine, in-line, liquid cooling system, direct injection, DOHC, transverse in front					
Cylinders	4	4	4	4	4	4
Displacement [cm <sup>3</sup> ]	1197	1197	1395	1395	1798	1798
Bore × Stroke [mm × mm]	71.0 × 75.6	71.0 × 75.6	74.5 × 80.0	74.5 × 80.0	82.5 × 84.2	82.5 × 84.2
Max. engine performance/revs [kW at rpm]	63/4300-5300	77/4500-5500	103/4500-6000	103/4500-6000	132/5100-6200	132/5100-6200
Max. torque/revs [Nm at rpm]	160/1400-3500	175/1400-4000	250/1500-3500	250/1500-3500	250/1250-5000	250/1250-5000
Compression ratio	10.5 : 1	10.5 : 1	10.5 : 1	10.5 : 1	9.6 : 1	9.6 : 1
Emission limit	EU 5			EU 2	EU 5	
Fuel injection system	electronically controlled direct injection				electronically controlled combined (direct and port) injection	
Ignition	control unit controlled electronic ignition system					
Lubrication	force-feed lubrication with through-flow oil filter					
Fuel quality	unleaded petrol min. RON 95				unleaded petrol min. RON 95 (91)*	
<b>Transmission</b>						
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 dry multiple-disk clutch, electro-hydraulically operated
Transmission	manual 5-speed fully synchronized	manual 6-speed fully synchronized		automatic 7-speed, DSG, with Tiptronic manual gear changing	manual 6-speed fully synchronized	automatic 7-speed, DSG, with Tiptronic manual gear changing
Transmission ratio	I-3.77 II-1.95 III-1.28 IV-0.88 V-0.67 R-3.18	I-3.62 II-1.95 III-1.28 IV-0.97 V-0.78 VI-0.65 R-3.18	I-3.78 II-2.12 III-1.36 IV-1.03 V-0.86 VI-0.73 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-3.78 II-2.12 III-1.36 IV-1.03 V-0.86 VI-0.73 R-3.60	I-3.76 II-2.27 III-1.53 IV-1.12 V-1.18 VI-0.95 VII-0.80 R-4.17
Axle ratio	4.056	4.056	3.647	4.800/3.429 R-4.500	3.647	4.438/3.227 R-4.176



## ŠKODA Octavia

## Petrol engines

Technical specifications	1.2 TSI/63 kW	1.2 TSI/77 kW	1.4 TSI/103 kW	1.4 TSI/103 kW (A)	1.8 TSI/132 kW	1.8 TSI/132 kW (A)
<b>Chassis</b>						
Front axle	MacPherson suspension with lower triangular links and torsion stabiliser					
Rear axle	compound link crank-axle				multi-element axle, with one longitudinal and three transverse links, with torsion stabiliser	
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		
<b>Body</b>						
Body	5 door, two compartment, 5 seater					
Drag coefficient $c_w$	0.294	0.290	0.301		0.304	
<b>Outside dimensions</b>						
Length [mm]	4659					
Width [mm]	1814					
Height (at kerb weight) [mm]	1461					
Wheel base [mm]	2686				2680	
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		1512
<b>Inside dimensions</b>						
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					



## ŠKODA Octavia

## Petrol engines

Technical specifications	1.2 TSI/63 kW	1.2 TSI/77 kW	1.4 TSI/103 kW	1.4 TSI/103 kW (A)	1.8 TSI/132 kW	1.8 TSI/132 kW (A)
<b>Weights</b>						
Kerb weight - incl. driver** [kg]	1215	1230	1255	1265	1320	1335
Payload - incl. driver** [kg]	625			585		
Total weight [kg]	1765	1780	1805	1815	1830	1845
Max. roof load [kg]	75					
Max. trailer load w/o brakes [kg]	600	610	620	630	650	660
Max. trailer load with brakes - 12% [kg]	1100	1300	1500		1600	
Max. trailer load with brakes - 8% [kg]	1300	1500	1800			
Max. nose weight [kg]	75					
<b>Liquids</b>						
Tank capacity [l]	50					
<b>Performance/consumption</b>						
Maximum speed [km/h]	181	196	215	215	231	231
Acceleration 0-100 km/h [s]	12.0	10.3	8.4	8.5	7.3	7.4
Fuel consumption (1999/100/EC)	EU 5			EU 2		EU 5
Consumption - urban [l/100 km]	6.5	5.9	6.5	6.5	7.8	7.1
Consumption - extra-urban [l/100 km]	4.4	4.4	4.6	4.9	5.1	4.8
Consumption - combined [l/100 km]	5.2	4.9	5.3	5.4	6.1	5.7
CO <sub>2</sub> emissions [g/km]	119	114	121	124	141	132
Turning circle diameter [m]	10.4					

\* Using low-octane fuel may affect engine performance.

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