



**ŠKODA**  
SIMPLY CLEVER

# ŠKODA OCTAVIA

## Petrol engines

Technical specifications	1.0 TSI/85 kW	1.0 TSI/85 kW (A)	1.5 TSI/110 kW	1.5 TSI/110 kW (A)	2.0 TSI/140 kW (A)
<b>Engine</b>					
Engine type	turbocharged petrol engine, in-line, liquid cooling system, DOHC, transverse in front				
Cylinders	3		4		
Displacement [cm <sup>3</sup> ]	999		1498		1984
Bore × Stroke [mm × mm]	74.5 × 76.4		74.5 × 85.9		82.5 × 92.8
Max. engine performance/revs [kW at rpm]	85/5000–5500		110/5000–6000		140/4200–6000
Max. torque/revs [Nm at rpm]	200/2000–3500		250/1500–3500		320/1500–4100
Compression ratio	10.5 : 1				11.65 : 1
Emission limit	EU 6 AG				EU 6 BG
Fuel injection system	electronically controlled direct injection				
Ignition	control unit controlled electronic ignition system				
Lubrication	force-feed lubrication with through-flow oil filter				
Fuel quality	unleaded petrol min. RON 95				
<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	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 7-speed, DSG, with Tiptronic manual gear changing	automatic 7-speed, DSG, with Tiptronic manual gear changing
Transmission ratio	I-3.77 II-1.95 III-1.28 IV-0.97 V-0.78 VI-0.65 R-3.18	I-3.76 II-2.27 III-1.53 IV-1.12 V-1.18 VI-0.95 VII-0.80 R-4.17	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-3.40 II-2.75 III-1.77 IV-0.93 V-0.71 VI-0.76 VII-0.64 R-2.90
Axle ratio	4.056	4.438/3.227/4.176	3.647	4.800/3.429/4.500	4.167/3.125



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<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 systém				
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				
<b>Body</b>					
Body	5 door, two compartment, 5 seater				
Drag coefficient $c_w$	0.269		0.287	0.281	0.300
<b>Outside dimensions</b>					
Length [mm]	4670				
Width [mm]	1814				
Height (at kerb weight) [mm]	1461				
Wheel base [mm]	2686				2680
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	1542	
<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 seatback folded down [l]	1580				



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Technical specifications		1.0 TSI/85 kW	1.0 TSI/85 kW (A)	1.5 TSI/110 kW	1.5 TSI/110 kW (A)	2.0 TSI/140 kW (A)
<b>Weights</b>						
Kerb weight – incl. driver**	[kg]	1246	1268	1280	1295	1388
Payload – incl. driver**	[kg]	625				585
Total weight	[kg]	1796	1818	1830	1845	1898
Max. roof load	[kg]	75				
Max. trailer load w/o brakes	[kg]	620	630	640		690
Max. trailer load with brakes – 12%	[kg]	1300		1500		1700
Max. trailer load with brakes – 8%	[kg]	1500		1700		1900
Max. nose weight	[kg]	75				
<b>Liquids</b>						
Tank capacity	[l]	50				
<b>Performance/consumption</b>						
Maximum speed	[km/h]	205	205	223	223	236
Acceleration 0–100 km/h	[s]	10.0	10.1	8.3	8.3	7.3
<b>Fuel consumption (NEDC)</b>						
– urban	[l/100 km]	5.4	5.4	6.5	6.6	7.8
– extra-urban	[l/100 km]	4.3	4.2	4.1	4.2	4.8
– combined	[l/100 km]	4.7	4.6	5.0	5.0	5.9
CO <sub>2</sub> emissions	[g/km]	107	106	112	114	133
Turning circle diameter	[m]	10.4				

The technical data is valid for the basic version.

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

The specified fuel consumption and emission data have been determined according to the measurement procedures prescribed by law. Since 1st September 2017, certain new vehicles are already being type-approved according to the Worldwide Harmonized Light Vehicles Test Procedure (WLTP), a more realistic test procedure for measuring fuel consumption and CO<sub>2</sub> emissions. Starting on September 1st 2018, the New European Driving Cycle (NEDC) will be replaced by the WLTP in stages. Owing to the more realistic test conditions, the fuel consumption and CO<sub>2</sub> emissions measured according to the WLTP will, in many cases, be higher than those measured according to the NEDC.

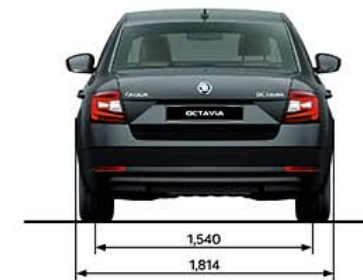
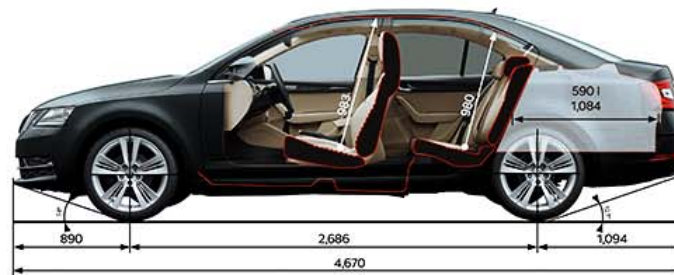
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Petrol engines





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# ŠKODA OCTAVIA

## Diesel engines

Technical specifications	1.6 TDI/85 kW	1.6 TDI/85 kW (A)	2.0 TDI/110 kW (A)
<b>Engine</b>			
Engine type	turbocharged diesel engine, turbocharger with self-aligning blades, in-line, liquid cooling system, DOHC, transverse in front		
Cylinders	4		
Displacement [cm <sup>3</sup> ]	1598		1968
Bore × Stroke [mm × mm]	79.5 × 80.5		81.0 × 95.5
Max. engine performance/revs [kW at rpm]	85/3250–4000		110/3500–4000
Max. torque/revs [Nm at rpm]	250/1750–3200		340/1750–3000
Compression ratio	16.2 : 1		
Emission limit	EU 6 AG		
Fuel injection system	electronically controlled high-pressure direct injection – common-rail system		
Lubrication	force-feed lubrication with through-flow oil filter		
Fuel quality	diesel		
<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	two coaxial wet multiple-disk clutch, electro-hydraulically operated
Transmission	manual 5-speed fully synchronized	automatic 7-speed, DSG, with Tiptronic manual gear changing	automatic 7-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-3.58 II-2.75 III-1.68 IV-0.89 V-0.68 VI-0.72 VII-0.56 R-2.90
Axle ratio	3.647	4.800/3.429/4.500	4.167/3.125
<b>Chassis</b>			
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		



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# ŠKODA OCTAVIA

## Diesel engines

Technical specifications		1.6 TDI/85 kW	1.6 TDI/85 kW (A)	2.0 TDI/110 kW (A)
<b>Body</b>				
Body		5 door, two compartment, 5 seater		
Drag coefficient $c_w$		0.270	0.276	0.284
<b>Outside dimensions</b>				
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
<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 seatback folded down	[l]	1580		
<b>Weights</b>				
Kerb weight – incl. driver**	[kg]	1348	1363	1408
Payload – incl. driver**	[kg]	625		
Total weight	[kg]	1898	1913	1958
Max. roof load	[kg]	75		
Max. trailer load w/o brakes	[kg]	670	680	700
Max. trailer load with brakes – 12%	[kg]	1500		1600
Max. trailer load with brakes – 8%	[kg]	1800		
Max. nose weight	[kg]	75		



**ŠKODA**  
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# ŠKODA OCTAVIA

## Diesel engines

Technical specifications		1.6 TDI/85 kW	1.6 TDI/85 kW (A)	2.0 TDI/110 kW (A)
<b>Liquids</b>				
Tank capacity	[l]	50		
<b>Performance/consumption</b>				
Maximum speed	[km/h]	205	204	221
Acceleration 0–100 km/h	[s]	10.2	10.4	8.9
<b>Fuel consumption (NEDC)</b>				
– urban	[l/100 km]	4.8	4.4	5.0
– extra-urban	[l/100 km]	3.8	3.6	3.7
– combined	[l/100 km]	4.1	3.9	4.2
CO <sub>2</sub> emissions	[g/km]	107	103	110
Turning circle diameter	[m]	10.4		

The technical Data is valid for the basic version.

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

The specified fuel consumption and emission data have been determined according to the measurement procedures prescribed by law. Since 1st September 2017, certain new vehicles are already being type-approved according to the Worldwide Harmonized Light Vehicles Test Procedure (WLTP), a more realistic test procedure for measuring fuel consumption and CO<sub>2</sub> emissions. Starting on September 1st 2018, the New European Driving Cycle (NEDC) will be replaced by the WLTP in stages. Owing to the more realistic test conditions, the fuel consumption and CO<sub>2</sub> emissions measured according to the WLTP will, in many cases, be higher than those measured according to the NEDC.

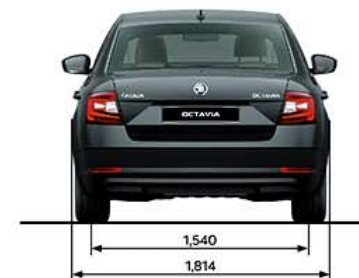
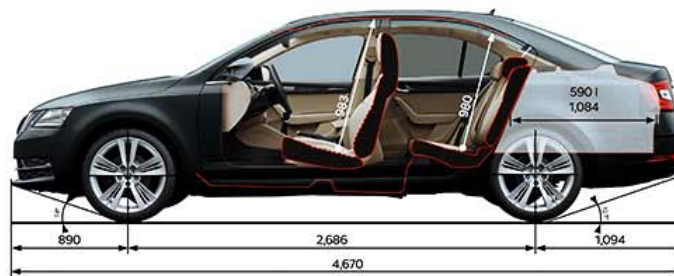
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# ŠKODA OCTAVIA

Diesel engines







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# ŠKODA OCTAVIA 4×4

## Diesel engines

Technical specifications	1.6 TDI/85 kW	2.0 TDI/110 kW (A)
<b>Engine</b>		
Engine type	turbocharged diesel engine, turbocharger with self-aligning blades, in-line, liquid cooling system, DOHC, transverse in front	
Cylinders	4	
Displacement [cm <sup>3</sup> ]	1598	1968
Bore × Stroke [mm × mm]	79.5 × 80.5	81.0 × 95.5
Max. engine performance/revs [kW at rpm]	85/3250–4000	110/3500–4000
Max. torque/revs [Nm at rpm]	250/1750–3200	340/1750–3000
Compression ratio	16.2 : 1	
Emission limit	EU 6 AG	
Fuel injection system	electronically controlled high-pressure direct injection – common-rail system	
Lubrication	force-feed lubrication with through-flow oil filter	
Fuel quality	diesel	
<b>Transmission</b>		
Wheel drive	four-wheel drive with automatic torque distribution	
Clutch	hydraulic single dry clutch disc with membrane spring, asbestos free	two coaxial wet multiple-disk clutch, electro-hydraulically operated
Transmission	manual 6-speed fully synchronized	automatic 7-speed, DSG, with Tiptronic manual gear changing
Transmission ratio	I-3.77 II-1.96 III-1.26 IV-0.87 V-0.86 VI-0.72 R-4.55	I-3.58 II-2.75 III-1.68 IV-0.89 V-0.68 VI-0.72 VII-0.56 R-2.90
Axle ratio	4.235/3.273	4.167/3.125
<b>Chassis</b>		
Front axle	MacPherson suspension with lower triangular links and torsion stabiliser	
Rear 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	
<b>Body</b>		
Body	5 door, two compartment, 5 seater	
Drag coefficient c <sub>w</sub>	0.284	0.293



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# ŠKODA OCTAVIA 4x4

Diesel engines

Technical specifications		1.6 TDI/85 kW	2.0 TDI/110 kW (A)
<b>Outside dimensions</b>			
Length	[mm]	4670	
Width	[mm]	1814	
Height (at kerb weight)	[mm]	1459	
Wheel base	[mm]	2680	
Clearance (at kerb weight)	[mm]	138	
Height of the loading sill (at kerb weight)	[mm]	697	
Track front	[mm]	1549	1543
Track rear	[mm]	1548	1542
<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 seatback folded down	[l]	1580	
<b>Weights</b>			
Kerb weight – incl. driver**	[kg]	1463	1501
Payload – incl. driver**	[kg]	638	
Total weight	[kg]	2026	2064
Max. roof load	[kg]	75	
Max. trailer load w/o brakes	[kg]	730	750
Max. trailer load with brakes – 12%	[kg]	1700	2000
Max. trailer load with brakes – 8%	[kg]	1900	2000
Max. nose weight	[kg]	80	
<b>Liquids</b>			
Tank capacity	[l]	55	50



**ŠKODA**  
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# ŠKODA OCTAVIA 4x4

## Diesel engines

Technical specifications		1.6 TDI/85 kW	2.0 TDI/110 kW (A)
<b>Performance/consumption</b>			
Maximum speed	[km/h]	200	214
Acceleration 0–100 km/h	[s]	11.6	8.7
Fuel consumption (NEDC)			
– urban	[l/100 km]	5.9	5.7
– extra-urban	[l/100 km]	4.6	4.2
– combined	[l/100 km]	5.1	4.7
CO <sub>2</sub> emissions	[g/km]	133	124
Turning circle diameter	[m]	10.4	

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