



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)
Engine					
Engine type	turbocharged petrol engine, in-line, liquid cooling system, DOHC, transverse in front				
Cylinders	3		4		
Displacement [cm ³]	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				
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 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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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)
Chassis					
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				
Body					
Body	5 door, two compartment, 5 seater				
Drag coefficient c_w	0.269		0.287	0.281	0.300
Outside dimensions					
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
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				



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Weights						
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				
Liquids						
Tank capacity	[l]	50				
Performance/consumption						
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
Fuel consumption (NEDC)						
– 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 ₂ 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 CO₂ 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 CO₂ emissions measured according to the WLTP will, in many cases, be higher than those measured according to the NEDC.

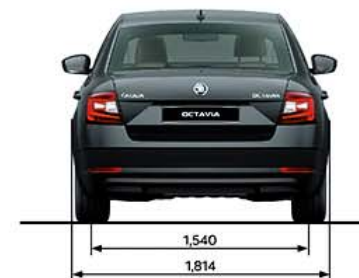
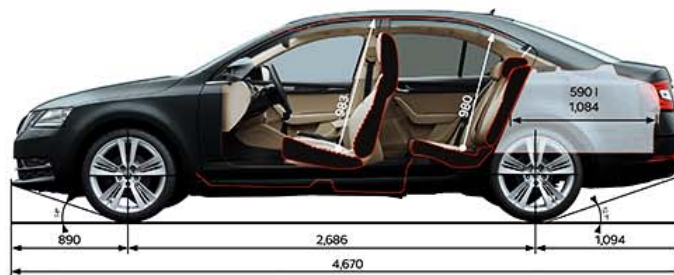
We are currently still required by law to state the NEDC figures. In the case of new vehicles which have been type-approved according to the WLTP, the NEDC figures are derived from the WLTP data. It is possible to specify the WLTP figures voluntarily in addition until such time as this is required by law. In cases where the NEDC figures are specified as value ranges, these do not refer to a particular individual vehicle and do not constitute part of the sales offering. They are intended exclusively as a means of comparison between different vehicle types. Additional equipment and accessories (e.g. add-on parts, different tyre formats, etc.) may change the relevant vehicle parameters, such as weight, rolling resistance and aerodynamics, and, in conjunction with weather and traffic conditions and individual driving style, may affect fuel consumption, electrical power consumption, CO₂ emissions and the performance figures for the vehicle.



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Petrol engines





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Diesel engines

Technical specifications	1.6 TDI/85 kW	1.6 TDI/85 kW (A)	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]	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		
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	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
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		



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Diesel engines

Technical specifications		1.6 TDI/85 kW	1.6 TDI/85 kW (A)	2.0 TDI/110 kW (A)
Body				
Body		5 door, two compartment, 5 seater		
Drag coefficient c_w		0.270	0.276	0.284
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
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]	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		



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Diesel engines

Technical specifications		1.6 TDI/85 kW	1.6 TDI/85 kW (A)	2.0 TDI/110 kW (A)
Liquids				
Tank capacity	[l]	50		
Performance/consumption				
Maximum speed	[km/h]	205	204	221
Acceleration 0–100 km/h	[s]	10.2	10.4	8.9
Fuel consumption (NEDC)				
– 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 ₂ 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 CO₂ 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 CO₂ emissions measured according to the WLTP will, in many cases, be higher than those measured according to the NEDC.

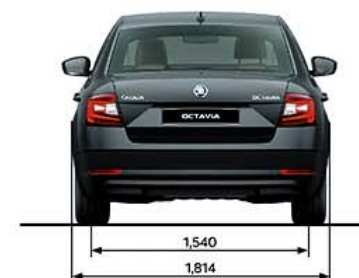
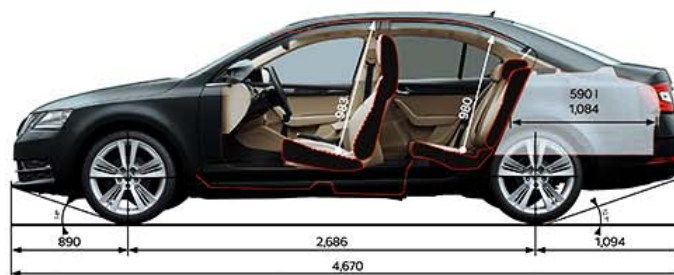
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Diesel engines





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ŠKODA OCTAVIA 4x4

Technical specifications	2.0 TSI/140 kW (A)	1.6 TDI/85 kW	2.0 TDI/110 kW (A)	2.0 TDI/135 kW (A)
Engine				
Engine type	turbocharged petrol engine, in-line, liquid cooling system, DOHC, transverse in front	turbocharged diesel engine, turbocharger with self-aligning blades, in-line, liquid cooling system, DOHC, transverse in front		
Cylinders	4			
Displacement [cm ³]	1984	1598	1968	
Bore × Stroke [mm × mm]	82.5 × 92.8	79.5 × 80.5	81.0 × 95.5	
Max. engine performance/revs [kW at rpm]	140/4200–6000	85/3250–4000	110/3500–4000	135/3500–4000
Max. torque/revs [Nm at rpm]	320/1500–4100	250/1750–3200	340/1750–3000	380/1750–3250
Compression ratio	11.65 : 1	16.2 : 1		15.8 : 1
Emission limit	EU 6 BG	EU 6 AG		
Fuel injection system	electronically controlled combined (direct and port) injection	electronically controlled high-pressure direct injection – common-rail system		
Lubrication	force-feed lubrication with through-flow oil filter			
Fuel quality	unleaded petrol min. RON 95	diesel		
Transmission				
Wheel drive	four-wheel drive with automatic torque distribution			
Clutch	two coaxial wet 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	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-3.40 II-2.75 III-1.77 IV-0.93 V-0.71 VI-0.76 VII-0.64 R-2.90	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	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	4.167/3.125	4.235/3.273	4.167/3.125	4.167/3.125



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ŠKODA OCTAVIA 4x4

Technical specifications	2.0 TSI/140 kW (A)	1.6 TDI/85 kW	2.0 TDI/110 kW (A)	2.0 TDI/135 kW (A)
Chassis				
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			
Body				
Body	5 door, two compartment, 5 seater			
Drag coefficient c_w	0.300	0.284	0.293	0.291
Outside dimensions				
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]	1543	1549	1543	
Track rear [mm]	1542	1548	1542	
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			



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ŠKODA OCTAVIA 4x4

Technical specifications		2.0 TSI/140 kW (A)	1.6 TDI/85 kW	2.0 TDI/110 kW (A)	2.0 TDI/135 kW (A)
Weights					
Kerb weight – incl. driver**	[kg]	1473	1463	1501	1517
Payload – incl. driver**	[kg]	585	638		585
Total weight	[kg]	1983	2026	2064	2027
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			
Liquids					
Tank capacity	[l]	55			
Performance/consumption					
Maximum speed	[km/h]	232	200	214	230
Acceleration 0–100 km/h	[s]	6.7	11.6	8.7	7.5
Fuel consumption (NEDC)					
– urban	[l/100 km]	8.5	5.9	5.7	5.9
– extra-urban	[l/100 km]	5.4	4.6	4.2	4.5
– combined	[l/100 km]	6.5	5.1	4.7	5.0
CO ₂ emissions	[g/km]	148	133	124	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.

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