



**ŠKODA**  
SIMPLY CLEVER

# 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)
<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]	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				
<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 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	



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<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				
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 $c_w$		0.279	0.280		0.294	
<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				



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<b>Weights</b>						
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				
<b>Liquids</b>						
Tank capacity	[l]	50				
<b>Performance/consumption</b>						
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 <sub>2</sub> emissions	[g/km]	105	105	102	112	117
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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## Petrol engines

Technical specifications	1.2 TSI/63 kW	1.0 TSI/85 kW	1.0 TSI/85 kW (A)	1.4 TSI/110 kW	1.4 TSI/110 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, DOHC, transverse in front						
Cylinders	4	3		4			
Displacement [cm <sup>3</sup> ]	1197	999		1395		1798	
Bore × Stroke [mm × mm]	71.0 × 75.6	74.5 × 76.4		74.5 × 80.0		82.5 × 84.2	
Max. engine performance/revs [kW at rpm]	63/4300–5300	85/5000–5500		110/5000–6000		132/5100–6200	
Max. torque/revs [Nm at rpm]	160/1400–3500	200/2000–3500		250/1500–3500		250/1250–5000	
Compression ratio	10.5 : 1					9.6 : 1	
Emission limit	EU 6						
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	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	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-3.77 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-3.78 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-1.13 V-1.18 VI-0.96 VII-0.80 R-4.17
Axle ratio	3.930	4.056	4.438/3.227 R-4.176	3.647	4.800/3.429 R-4.500	3.647	4.438/3.227 R-4.176



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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 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			
<b>Body</b>							
Body	5 door, two compartment, 5 seater						
Drag coefficient $c_w$	0.292	0.280		0.298	0.294	0.302	
<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	



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<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]	1225	1225	1247	1255	1269	1320	1335
Payload – incl. driver**	[kg]	625			585			
Total weight	[kg]	1775	1775	1797	1805	1819	1830	1845
Max. roof load	[kg]				75			
Max. trailer load w/o brakes	[kg]	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			



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<b>Performance/consumption</b>								
Maximum speed	[km/h]	181	203	202	219	219	231	231
Acceleration 0–100 km/h	[s]	12.0	9.9	10.0	8.1	8.2	7.3	7.4
Fuel consumption (1999/100/EC)								
Consumption – urban	[l/100 km]	6.0	5.9	5.6	6.7	6.0	7.6	7.1
Consumption – extra-urban	[l/100 km]	4.1	4.2	4.2	4.3	4.2	5.2	5.0
Consumption – combined	[l/100 km]	4.8	4.8	4.7	5.2	4.9	6.1	5.8
CO <sub>2</sub> emissions	[g/km]	113	109	106	120	113	139	133
Turning circle diameter	[m]	10.4						

The technical Data is valid for the basic version.

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

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