



ŠKODA
SIMPLY CLEVER

ŠKODA OCTAVIA RS

Petrol engines

Technical specifications	2.0 TSI/180 kW	2.0 TSI/180 kW (A)
Engine		
Engine type	turbocharged petrol engine, in-line, liquid cooling system, DOHC, transverse in front	
Cylinders	4	
Displacement [cm ³]	1984	
Bore × Stroke [mm × mm]	82,5 × 92,8	
Max. engine performance/revs [kW at rpm]	180/5000–6200	
Max. torque/revs [Nm at rpm]	370/1600–4300	
Compression ratio	9,6 : 1	
Emission limit	EU 6 BG	
Fuel injection system	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	
Transmission		
Wheel drive	front wheel drive	
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-2,09 III-1,48 IV-1,09 V-1,10 VI-0,91 R-4,55	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	3,45/2,76	4,17/3,13
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	



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Technical specifications		2.0 TSI/180 kW	2.0 TSI/180 kW (A)
Body			
Body		5 door, two compartment, 5 seater	
Drag coefficient c_w		0.305	
Outside dimensions			
Length	[mm]	4689	
Width	[mm]	1814	
Height (at kerb weight)	[mm]	1448	
Wheel base	[mm]	2680	
Clearance (at kerb weight)	[mm]	127	
Height of the loading sill (at kerb weight)	[mm]	687	
Track front	[mm]	1535	
Track rear	[mm]	1544	
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]	1410	1448
Payload – incl. driver**	[kg]	567	
Total weight	[kg]	1902	1940
Max. roof load	[kg]	75	
Max. trailer load w/o brakes	[kg]	700	720
Max. trailer load with brakes – 12%	[kg]	1600	
Max. trailer load with brakes – 8%	[kg]	1800	
Max. nose weight	[kg]	75	



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Liquids			
Tank capacity	[l]	50	
Performance/consumption			
Maximum speed	[km/h]	250	250
Acceleration 0–100 km/h	[s]	6.6	6.6
Fuel consumption (NEDC)			
– urban	[l/100 km]	8.8	8.0
– extra-urban	[l/100 km]	5.4	5.0
– combined	[l/100 km]	6.7	6.1
CO ₂ emissions	[g/km]	152	139
Turning circle diameter	[m]	10.5	

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.

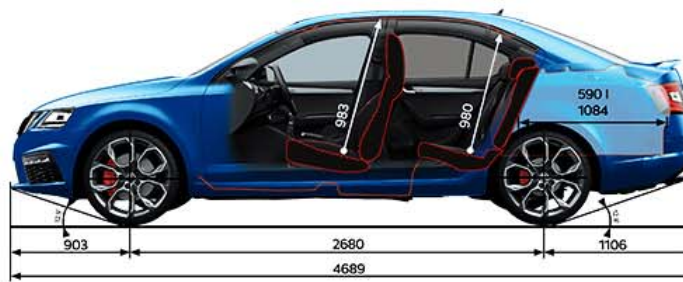
We are currently still required by law to state the NEDC figures. In the case of new vehicles which have been type-approved according to the WLTP, the NEDC figures are derived from the WLTP data. It is possible to specify the WLTP figures voluntarily in addition until such time as this is required by 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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Compression ratio	9.6 : 1	
Emission limit	EU 6 BG	
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Outside dimensions			
Length	[mm]	4689	
Width	[mm]	1814	
Height (at kerb weight)	[mm]	1452	
Wheel base	[mm]	2680	
Clearance (at kerb weight)	[mm]	127	
Height of the loading sill (at kerb weight)	[mm]	619	
Track front	[mm]	1535	
Track rear	[mm]	1544	
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]	995	
Storage capacity	[l]	610	
Storage capacity with rear seatback folded down	[l]	1740	
Weights			
Kerb weight – incl. driver**	[kg]	1432	1464
Payload – incl. driver**	[kg]	589	
Total weight	[kg]	1946	1978
Max. roof load	[kg]	75	
Max. trailer load w/o brakes	[kg]	710	730
Max. trailer load with brakes – 12%	[kg]	1600	
Max. trailer load with brakes – 8%	[kg]	1800	
Max. nose weight	[kg]	75	



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Liquids			
Tank capacity	[l]	50	
Performance/consumption			
Maximum speed	[km/h]	246	244
Acceleration 0–100 km/h	[s]	6.7	6.7
Fuel consumption (NEDC)			
– urban	[l/100 km]	8.8	8.0
– extra-urban	[l/100 km]	5.6	5.1
– combined	[l/100 km]	6.8	6.2
CO ₂ emissions	[g/km]	154	141
Turning circle diameter	[m]	10.5	

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