



ŠKODA
SIMPLY CLEVER

ŠKODA SCALA

Diesel engines

Technical specifications	1.6 TDI/85 kW	1.6 TDI/85 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	
Bore × Stroke [mm × mm]	79.5 × 80.5	
Max. engine performance/revs [kW at rpm]	85/3250–4000	
Max. torque/revs [Nm at rpm]	250/1500–3250	
Compression ratio	16.2 : 1	
Emission limit	EU 6 BG	
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
Transmission	manual 6-speed fully synchronized	automatic 7-speed, DSG, with Tiptronic manual gear changing
Transmission ratio	I-4.11 II-2.12 III-1.36 IV-0.97 V-0.77 VI-0.63 R-4.00	I-3.50 II-2.09 III-1.34 IV-0.93 V-0.97 VI-0.78 VII-0.65 R-3.72
Axle ratio	3.389	I-4.800 II-3.429 III-4.500
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 diagonal dual-circuit braking system, vacuum servo assisted	
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	0.303	



ŠKODA
SIMPLY CLEVER

ŠKODA SCALA

Diesel engines

Technical specifications		1.6 TDI/85 kW	1.6 TDI/85 kW (A)
Outside dimensions			
Length	[mm]	4362	
Width	[mm]	1793	
Height (at kerb weight)	[mm]	1471	
Wheel base	[mm]	2649	
Clearance (at kerb weight)	[mm]	149	
Height of the loading sill (at kerb weight)	[mm]	665	
Track front	[mm]	1531	
Track rear	[mm]	1516	
Inside dimensions			
Width of front seats	[mm]	1439	
Width of rear seats	[mm]	1425	
Headroom in front seats	[mm]	1031	
Headroom in rear seats	[mm]	982	
Storage capacity	[l]	467	
Storage capacity with rear seatback folded down	[l]	1410	
Weights			
Kerb weight – incl. driver*	[kg]	1324	1339
Payload – incl. driver*	[kg]	511	510
Total weight	[kg]	1760	1774
Max. roof load	[kg]	75	
Max. trailer load w/o brakes	[kg]	650	660
Max. trailer load with brakes – 12%	[kg]	1250	
Max. trailer load with brakes – 8%	[kg]	1250	
Max. nose weight	[kg]	75	
Liquids			
Tank capacity	[l]	50	



ŠKODA
SIMPLY CLEVER

ŠKODA SCALA

Diesel engines

Technical specifications		1.6 TDI/85 kW	1.6 TDI/85 kW (A)
Performance/consumption			
Maximum speed	[km/h]	201	200
Acceleration 0–100 km/h	[s]	10.1	10.3
Fuel consumption (NEDC)			
– urban	[l/100 km]	5.1	4.9
– extra-urban	[l/100 km]	3.6	3.7
– combined	[l/100 km]	4.2	4.1
CO ₂ emissions	[g/km]	108	108
Turning circle diameter	[m]	10.2	

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.



ŠKODA
SIMPLY CLEVER

ŠKODA SCALA

Diesel engines

