



**ŠKODA**  
SIMPLY CLEVER

# ŠKODA SCALA

## Petrol engines

Technical specifications	1.0 TSI/70 kW	1.0 TSI/85 kW	1.0 TSI/85 kW (A)	1.5 TSI/110 kW	1.5 TSI/110 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	
Bore x Stroke [mm x mm]	74.5 x 76.4			74.5 x 85.9	
Max. engine performance/revs [kW at rpm]	70/5000–5500	85/5000–5500		110/5000–6000	
Max. torque/revs [Nm at rpm]	175/2000–3500	200/2000–3500		250/1500–3500	
Compression ratio	10.5 : 1				
Emission limit	EU 6 DG				
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
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
Transmission ratio	I-3.77 II-1.96 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-0.64 R-3.18	I-3.77 II-2.27 III-1.53 IV-1.13 V-1.18 VI-0.96 VII-0.80 R-4.17	I-4.11 II-2.12 III-1.36 IV-1.03 V-0.86 VI-0.73 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	4.357	4.056	I-4.778 II-3.583 III-4.526	3.647	I-4.800 II-3.429 III-4.500



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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 diagonal dual-circuit braking system, vacuum servo assisted				
Brake – front	disc brakes with inner cooling, with single/piston floating caliper				
Brake – rear	drum brakes		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 $c_w$	0.300	0.309		0.306	
<b>Outside dimensions</b>					
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				



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<b>Inside dimensions</b>					
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		
<b>Weights</b>					
Kerb weight – incl. driver* [kg]	1192	1209	1229	1243	1255
Payload – incl. driver* [kg]	525	486	525	492	491
Total weight [kg]	1642	1620	1679	1660	1671
Max. roof load [kg]			75		
Max. trailer load w/o brakes [kg]	590	600	610	620	620
Max. trailer load with brakes – 12% [kg]	1150	1200	1200	1250	1250
Max. trailer load with brakes – 8% [kg]	1150	1200	1200	1250	1250
Max. nose weight [kg]			75		
<b>Liquids</b>					
Tank capacity [l]			50		



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<b>Performance/consumption</b>					
Maximum speed [km/h]	188	201	199	220	219
Acceleration 0–100 km/h [s]	10.9	9.8	9.9	8.2	8.3
Fuel consumption (NEDC)					
– urban [l/100 km]	6.4	6.3-6.4	6.4-6.5	–	–
– extra-urban [l/100 km]	4.1	4.1-4.2	4.3	–	–
– combined [l/100 km]	5.0	4.9-5.0	5.0-5.1	–	–
CO <sub>2</sub> emissions [g/km]	114	111-113	115-116	–	–
Fuel consumption (WLTP)					
– combined [l/100 km]	5.2-6.4	5.2-6.5	5.5-6.8	–	–
CO <sub>2</sub> emissions [g/km]	118-144	119-148	124-154	–	–
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 data are not available on the press deadline.

The specified fuel consumption and emission data have been determined according to the measurement procedures prescribed by law. Since 1<sup>st</sup> 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 1<sup>st</sup> 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.

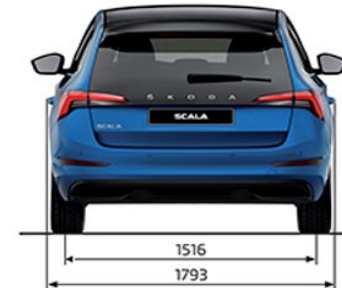
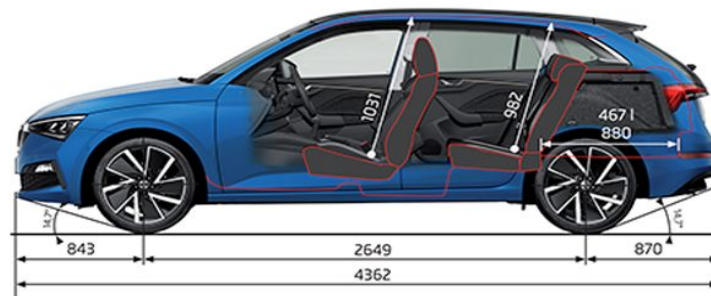
We are currently still required by law to state the NEDC figures. In the case of new vehicles which have been type-approved according to the WLTP, the NEDC figures are derived from the WLTP data. It is possible to specify the WLTP figures voluntarily in addition until such time as this is required by 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, CO<sub>2</sub> emissions and the performance figures for the vehicle.



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Petrol engines





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# ŠKODA SCALA

## Diesel engines

Technical specifications	1.6 TDI/85 kW	1.6 TDI/85 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	
Bore x Stroke [mm x mm]	79.5 x 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 DG	
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
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



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Diesel engines

Technical specifications	1.6 TDI/85 kW	1.6 TDI/85 kW (A)
<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 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	
<b>Body</b>		
Body	5 door, two compartment, 5 seater	
Drag coefficient $c_w$	0.303	
<b>Outside dimensions</b>		
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	



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Technical specifications		1.6 TDI/85 kW	1.6 TDI/85 kW (A)
<b>Inside dimensions</b>			
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	
<b>Weights</b>			
Kerb weight – incl. driver*	[kg]	1324	1339
Payload – incl. driver*	[kg]	506	505
Total weight	[kg]	1755	1769
Max. roof load	[kg]	75	
Max. trailer load w/o brakes	[kg]	660	660
Max. trailer load with brakes – 12%	[kg]	1250	
Max. trailer load with brakes – 8%	[kg]	1250	
Max. nose weight	[kg]	75	
<b>Liquids</b>			
Tank capacity	[l]	50	





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## Diesel engines

Technical specifications		1.6 TDI/85 kW	1.6 TDI/85 kW (A)
<b>Performance/consumption</b>			
Maximum speed	[km/h]	201	200
Acceleration 0–100 km/h	[s]	10.1	10.1
Fuel consumption (NEDC)			
– urban	[l/100 km]	5.0-5.1	4.8-4.9
– extra-urban	[l/100 km]	3.5-3.6	3.6-3.7
– combined	[l/100 km]	4.1-4.2	4.1
CO <sub>2</sub> emissions	[g/km]	106-108	107-108
Fuel consumption (WLTP)			
– combined	[l/100 km]	4.5-5.3	4.7-5.7
CO <sub>2</sub> emissions	[g/km]	119-139	124-150
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 1<sup>st</sup> 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 1<sup>st</sup> 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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