



**ŠKODA**  
SIMPLY CLEVER

# ŠKODA SCALA

## Petrol engines

| Technical specifications                 | 1.5 TSI/110 kW (A)  |
|--|---|
| <b>Engine</b>                            |   |
| Engine type                              | turbocharged petrol engine, in-line, liquid cooling system, DOHC, transverse in front |
| Cylinders                                | 4   |
| Displacement [cm <sup>3</sup> ]          | 1498  |
| Bore x Stroke [mm x mm]                  | 74.5 x 85.9   |
| Max. engine performance/revs [kW at rpm] | 110/5000–6000   |
| Max. torque/revs [Nm at rpm]             | 250/1500–3500   |
| Compression ratio                        | 10.5 : 1  |
| Emission limit                           | EU 6 AG   |
| 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                                   | two coaxial dry multiple-disk clutch, electro-hydraulically operated                  |
| Transmission                             | automatic 7-speed, DSG, with Tiptronic manual gear changing                           |
| Transmission ratio                       | 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                               | I-4.800 II-3.429 III-4.500  |
| <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 <sub>w</sub>          | 0.306   |



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Petrol engines

| Technical specifications                        |      | 1.5 TSI/110 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] | 1265               |
| Payload – incl. driver*                         | [kg] | 528                |
| Total weight                                    | [kg] | 1718               |
| Max. roof load                                  | [kg] | 75                 |
| Max. trailer load w/o brakes                    | [kg] | 620                |
| 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                 |



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Petrol engines

| Technical specifications  |            | 1.5 TSI/110 kW (A) |
|---------------------------|------------|--------------------|
| Performance/consumption   |            |                    |
| Maximum speed             | [km/h]     | 219                |
| Acceleration 0–100 km/h   | [s]        | 8.2                |
| Fuel consumption (NEDC)   |            |                    |
| – urban                   | [l/100 km] | 6.4                |
| – extra-urban             | [l/100 km] | 4.2                |
| – combined                | [l/100 km] | 5.0                |
| CO <sub>2</sub> emissions | [g/km]     | 113                |
| 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 CO<sub>2</sub> 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 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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# ŠKODA SCALA

## Diesel engines

| Technical specifications                 | 1.6 TDI/85 kW   |
|--|---|
| <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 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  |
| <b>Transmission</b>                      |   |
| Wheel drive                              | front wheel drive   |
| Clutch                                   | hydraulic single dry clutch disc with membrane spring, asbestos free  |
| Transmission                             | manual 6-speed fully synchronized   |
| Transmission ratio                       | I-4.11 II-2.12 III-1.36 IV-0.97 V-0.77 VI-0.63 R-4.00   |
| Axle ratio                               | 3.389   |
| <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 <sub>w</sub>          | 0.303   |



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# ŠKODA SCALA

Diesel engines

| Technical specifications                        |      | 1.6 TDI/85 kW |
|---|------|---------------|
| 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          |
| Payload – incl. driver*                         | [kg] | 511           |
| Total weight                                    | [kg] | 1760          |
| Max. roof load                                  | [kg] | 75            |
| Max. trailer load w/o brakes                    | [kg] | 650           |
| 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            |



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# ŠKODA SCALA

Diesel engines

| Technical specifications  |            | 1.6 TDI/85 kW |
|---------------------------|------------|---------------|
| Performance/consumption   |            |               |
| Maximum speed             | [km/h]     | 201           |
| Acceleration 0–100 km/h   | [s]        | 10.1          |
| Fuel consumption (NEDC)   |            |               |
| – urban                   | [l/100 km] | 5.1           |
| – extra-urban             | [l/100 km] | 3.6           |
| – combined                | [l/100 km] | 4.2           |
| CO <sub>2</sub> emissions | [g/km]     | 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.

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