



ŠKODA
SIMPLY CLEVER

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Low weight, plenty of space and numerous assistance systems thanks to modular transverse matrix

- › The ŠKODA SCALA is the first of the car manufacturer's vehicles based on the state-of-the-art modular transverse matrix MQB A0
- › The long wheelbase of 2,649 mm allows for plenty of space despite compact dimensions
- › Excellent maximum drag coefficient (c_d) from 0.29 thanks to flowing shapes and aerodynamic finesse

Mladá Boleslav / Tel Aviv, 6 December 2018 – The new SCALA is the first ŠKODA based on Volkswagen Group's state-of-the-art MQB A0 platform. The MQB is a uniform basis for numerous different cars. The modular transverse matrix makes extremely flexible and efficient production possible, thus allowing numerous innovative assistance systems from higher vehicle segments to also be offered in the compact car segment.

The advantage of Volkswagen Group's modular transverse matrix (MQB) is that the installation position of the transverse engines, which are tilted slightly forward, and the distance from the middle of the front wheels to the pedals are always the same. This allows for uniformity in the front end across all models and plenty of space in the interior's front section. Other dimensions such as wheelbases, track widths, wheel sizes and seat positions are variable. Engines, transmissions, steering and chassis components can all be used in a modular way and combined in various ways. The MQB significantly contributes to keeping the weight down thanks to its use of modern designs and high-strength steel.

MQB platform adjusted for the ŠKODA SCALA

Thanks to the large number of MQB models, it is possible to not only offer innovative assistance and safety systems such as Adaptive Cruise Control or proactive occupant protection system Crew Protect Assist in higher vehicle segments, but also in smaller models. ŠKODA has made comprehensive adjustments to the platform for the new SCALA, which include using the longest possible wheelbase and rear overhang. The result is a typical ŠKODA – extremely spacious combined with compact external dimensions. This is predominantly thanks to the long wheelbase of 2,649 mm within a total length of 4,362 mm. The new compact car has a width of 1,793 mm; its height is 1,471 mm.

MQB contributes to excellent aerodynamics

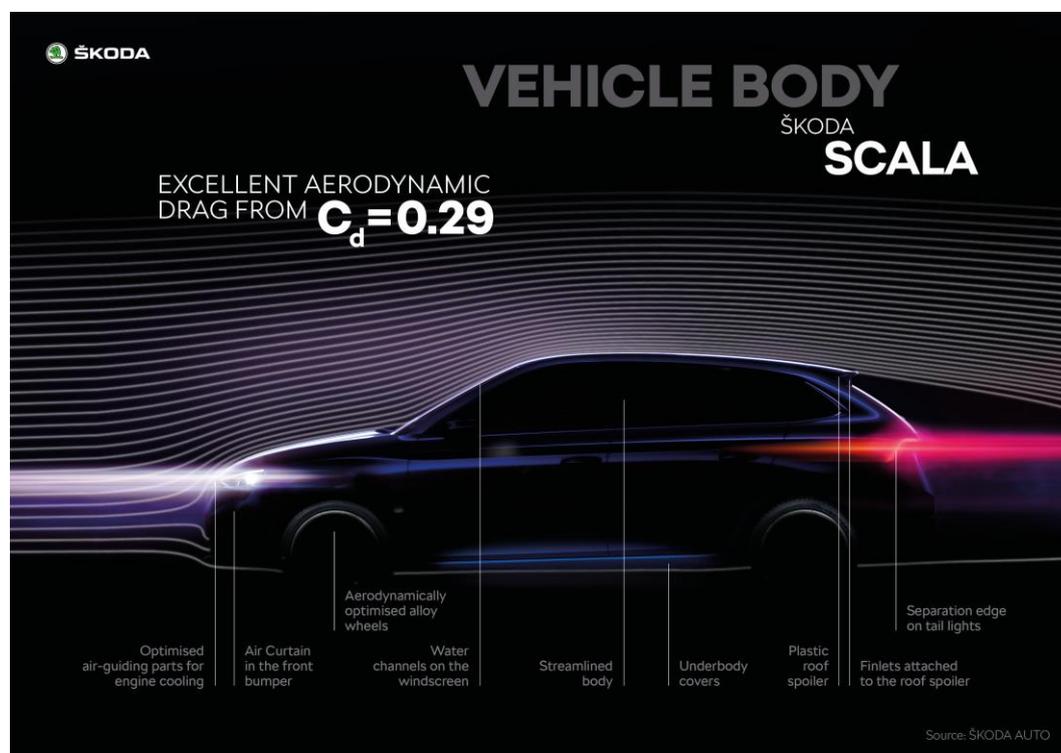
The modular transverse matrix also helps to streamline the car – the ŠKODA SCALA has an excellent drag coefficient (c_d) from 0.29. Just like other ŠKODA models based on the MQB, the new compact car also uses underbody covers for better air flow. In addition, there's a choice of three newly developed alloy wheels that come with air-directing vanes. The body of the ŠKODA SCALA offers less air resistance thanks to its smooth and streamlined body components; Air Curtains guide the air around the sides of the front bumper in a controlled manner. The water channels on the windscreen are aerodynamically optimised and the engine cooling features optimised air-guiding parts. On the roof spoiler, little built-in finlets improve the aerodynamics.



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Further information:

Hermann Prax
Head of Product Communications
T +420 326 811 731

hermann.prax@skoda-auto.cz

Pavel Jína
Spokesperson – Product Communications
T +420 326 811 776

pavel.jina@skoda-auto.cz



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ŠKODA AUTO

- › was founded during the pioneering days of the automobile in 1895, making it one of the longest-established automobile companies in the world.
- › currently offers its customers nine passenger-car series: the CITIGO, FABIA, RAPID, SCALA, OCTAVIA, KAROQ, KODIAQ, as well as the KAMIQ (in China) and the SUPERB.
- › delivered more than 1.2 million vehicles to customers around the world in 2017.
- › has belonged to Volkswagen Group since 1991. The Volkswagen Group is one of the most successful vehicle manufacturers in the world. In association with the Group, ŠKODA AUTO independently develops and manufactures vehicles, as well as components such as engines and transmissions.
- › operates at three locations in the Czech Republic; manufactures in China, Russia, Slovakia, Algeria and India mainly through Group partnerships, as well as in Ukraine and Kazakhstan with local partners.
- › employs over 35,000 people globally and is active in more than 100 markets.
- › is pressing ahead with the transformation from a traditional car manufacturer to the 'Simply Clever company for the best mobility solutions' as part of the ŠKODA 2025 Strategy.