Audi Technology Portal



Audi S3 Sedan - 2.0 TFSI

With 228 kW (310 PS) of power and 400 Nm (295.0 lb-ft) of torque, the new S3 models are powered by the 2.0 TFSI engine. High-tech features like the Audi valvelift system (AVS) – which adjusts the lift of the intake valves as required – mean that the combustion chambers are well filled, while thermal management helps to ensure high efficiency.

Both models accelerate from 0 to 100 km/h (62.1 mph) in 4.8 seconds on the way to an electronically governed top speed of 250 km/h (155.3 mph). The driver can use the standard series Audi drive select system to make the sound of the powerful four-cylinder turbo engine even crisper.

The seven-speed S tronic with lightning-fast gear shifts and freewheeling function and the quattro all-wheel drive deliver the torque to the road. The hydraulic multi-plate clutch in front of the rear axle is fully variable and moves between the front and the back as required, combining dynamic performance with stability and efficiency. It is managed by the modular dynamic handling control – a new system that closely links the quattro drive to the Electronic Stabilization Control (ESC) and the controlled dampers that are available optionally.

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Source: www.audi-technology-portal.com

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