

## Technical Data – Audi RS 7 Sportback 4.0 TFSI quattro tiptronic (412 kW)

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|---|--|
| <b>Engine / electronics</b>   |  |
| Engine type   | V8 spark-ignition engine with aluminum engine block and gasoline direct injection, DOHC, exhaust turbocharger, two charge movement flaps, demand-controlled high-pressure and low-pressure fuel system, cylinder on demand, indirect intercooler                                 |
| Valve gear / number of valves per cylinder  | Continuous intake camshaft adjustment / 4  |
| Displacement in cc / bore x stroke in mm / compression  | 3993 / 84.5 x 89 / 9.3   |
| Max. power output in kW / at rpm  | 412 / 5700 - 6600  |
| Max. torque in Nm / at rpm  | 700 / 1750 - 5500  |
| Mixture preparation   | Fully electronic engine management with drive-by-wire throttle control; gasoline direct injection, cylinder-selective lambda control, mapped ignition with solid-state high-voltage distribution, cylinder-selective adaptive knock control; manifold-pressure controlled system |
| Exhaust emission control  | Two close-coupled ceramic main catalytic converters each with a pre- and post-catalyst oxygen sensor, secondary air system   |
| Emissions class   | EU 6   |
| Alternator in A / battery in A/Ah   | 190 (water-cooled) / 520/92  |
| Start-stop system   | Switches the engine off if the vehicle is stationary and the brake is engaged.   |
| <b>Drivetrain / transmission</b>  |  |
| Drive type  | quattro permanent all-wheel drive with self-locking center differential  |
| Clutch  | Hydraulic torque converter with lock-up clutch   |
| Transmission type   | 8-speed tiptronic with DSP and sport program   |
| Gear ratio in 1st gear / 2nd gear   | 4.714 / 3.143  |
| Gear ratio in 3rd gear / 4th gear   | 2.106 / 1.667  |
| Gear ratio in 5th gear / 6th gear   | 1.285 / 1.000  |
| Gear ratio in 7th gear / 8th gear   | 0.839 / 0.667  |
| Reverse gear / final drive ratio  | 3.317 / 3.076  |
| <b>Suspension / steering / brakes</b>   |  |
| Front suspension  | Five-link front suspension, double upper and lower wishbones, anti-roll bar, air suspension / suspension with Dynamic Ride Control   |
| Rear suspension   | Self-tracking trapezoidal-link axle with wishbone, anti-roll bar, air suspension / suspension with Dynamic Ride Control  |
| Steering / steering ratio / turning circle in meters (D102) (ft)                                  | Electromechanical steering with speed-dependent power assistance / 13.0 / 11.9 (39.0)  |
| Brake system  | Dual-circuit brake system with diagonal split, electronic stabilization control (ESC), brake servo, hydraulic brake assist; front: ventilated disks, fixed calipers; rear: ventilated disks, fixed calipers with electromechanical parking                                       |
| Wheels / Tyres  | 21 inch alloy wheels with 275/30 R21 tyres   |
| <b>Performance / consumption / acoustics</b>  |  |
|   | As per ADR (81/02)   |
| Top speed in km/h   | 250 / 280 / 305  |
| Acceleration, 0-100 km/h in sec   | 3.9  |
| Fuel / octane value   | Super Plus sulfur-free according to DIN EN 228 / 98/95 RON   |
| Fuel consumption: city / highway / combined in l/100 km   | 13.3 / 7.3 / 9.5   |
| CO <sub>2</sub> emissions in g/km   | 308 / 170 / 221  |
| Idling / drive-past exterior noise level in dB  | 71 / 70  |
| <b>Weights / loads</b>  |  |
| Unladen weight according to EU (excluding driver) / (including driver) / gross weight limit in kg | 1930 / 2005 / 2515   |
| Axle load limit at front / rear in kg   | 1290 / 1275  |
| Roof load limit / permissible nose weight in kg   | 100 / -  |
| <b>Capacities</b>   |  |
| Cooling system capacity (incl. heating) in l  | 13   |
| Engine oil capacity (including filter) in l   | 8.3  |
| Fuel tank capacity in l   | 65 / 75  |
| <b>Body / dimensions</b>  |  |
| Body type / number of doors / seats   | Unitary, vehicle-safety optimized body in steel/aluminum composite construction / 4 aluminum doors with side impact protection / 4   |
| Drag coefficient Cd / frontal area A in m <sup>2</sup>  | 0.30 / 2.29  |
| Length (L103) / width excluding mirrors (W103) / height (H101-M) in mm                            | 5012 / 1911 / 1419   |
| Wheelbase (L101) / track at front/rear (W101-1/W101-2) in mm                                      | 2915 / 1634 / 1625   |
| Height of loading lip (H196) in mm  | 688 (unladen)  |
| Luggage capacity in l, according to VDA block method (V211) / rear seat bench folded              | 535 (V211-2) / 1390 (V214-1, roof high)  |