

# Technical Data – Audi RS 3 Sportback 2.5 TFSI quattro S tronic (270 kW)

Program for Australia

Status: October 2015

<b>Engine / electronics</b>	
Engine type	Inline five-cylinder spark-ignition engine with gasoline direct injection, exhaust turbocharger with intercooler (maximum boost pressure is 2.35 bar absolute), four valves per cylinder, double overhead camshafts (DOHC)
Valve gear / number of valves per cylinder	Continuous intake and exhaust camshaft adjustment / 4
Displacement in cc / bore x stroke in mm / compression	2480 / 82.5 x 92.8 / 10
Max. power output in kW / at rpm	270 / 5550 - 6800
Max. torque in Nm / at rpm	465 / 1625 - 5550
Mixture preparation	MED 17.1.1
Exhaust emission control	Dual-branch exhaust system with one close-coupled primary catalytic converter, two underfloor catalytic converters, one LSU upstream of primary cat, one LSF downstream of primary cat, continuous lambda control
Emissions class	EU 6
Alternator in A / battery in A/Ah	140 (recuperation capability) / 420 / 75
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 electronically controlled multi-plate clutch, electronic differential lock EDL
Clutch	Dual clutch made up of two concentrically arranged wet single clutches
Transmission type	7-speed S tronic direct-shift transmission
Gear ratio in 1st gear / 2nd gear	3.563 / 2.526
Gear ratio in 3rd gear / 4th gear	1.679 / 1.022
Gear ratio in 5th gear / 6th gear	0.788 / 0.761
Gear ratio in 7th gear / 8th gear	0.635
Reverse gear / final drive ratio	2.789/ I: 4.059 for 1st, 4th, 5th + reverse, II: 3.450 for 2nd, 3rd, 6th + 7th
<b>Suspension / steering / brakes</b>	
Front suspension	McPherson struts with steel lower wishbones, aluminum pivot bearings, aluminum subframe, tubular anti-roll bar, track-stabilizing steering roll radius
Rear suspension	Four-link rear suspension with separate spring/shock absorber arrangement, subframe, aluminum wheel carriers, tubular anti-roll bar
Steering / steering ratio / turning circle in m (D102)	Electromechanical steering with speed-dependent power assist / steering wheel turns lock to lock: 2.13 / steering ratio 14.34 in center position, stroke 79 mm / 10.9
Brake system	Dual-circuit brake system with diagonal split, electronic stabilization control (ESC), hydraulic brake assist, disk brake (365 x 34 mm) at front in wave technology, perforated, ventilated, composite disk at rear (310 x 22 mm); Brake system: 19" with 8-piston fixed caliper / 17" with single-piston floating caliper
Wheels / tires	235/35R19 91Y XL R01 on 8.0Jx19 offset 49
<b>Performance / consumption / acoustics</b>	
Top speed in km/h	250 km/h, optional 280 km/h
Acceleration, 0-100 km/h in sec	4.3
Fuel / octane value	Super Plus sulfur-free 98 RON according to EN 228 / 98 RON
Idling / drive-past exterior noise level in dB (A)	90 / 74
<b>Consumption / emissions (according to tire size)</b>	
<b>Tire category 1: 235/35 R19 HI7 front and rear</b>	
Fuel consumption: city / highway / combined, in l/100 km	11.2 / 6.3 / 8.1
CO <sub>2</sub> mass emission city / highway / combined, in g/km	261 / 147 / 189
<b>Tire category 2: 255/30 R19 front and 235/35 R19 rear Q52</b>	
Fuel consumption: city / highway / combined, in l/100 km	11.4 / 6.5 / 8.3
CO <sub>2</sub> mass emission city / highway / combined, in g/km	268 / 151 / 194
CO in g/km / particle value	0.0754
HC / NOx in g/km	0.0237 / 0.0349
<b>Servicing / guarantee (Australia)</b>	
Service inspection after max. km	12 months or 15,000 km
Vehicle / paint / rust perforation guarantee	3 years with unlimited mileage / 3 years / 12 years
<b>Weights / loads</b>	
Unladen weight according to EU (excluding driver) / (including driver) / gross weight limit in kg	1520 / 1595 / 2020
Axle load limit at front / rear in kg	1080 / 1030
Roof load limit / permissible nose weight in kg	75
<b>Capacities</b>	
Cooling system capacity (incl. heating) in l	9.1
Engine oil capacity (including filter) in l	6.5
Fuel tank capacity in l	55
<b>Body / dimensions</b>	
Body type / number of doors / seats	Galvanized, unitary steel body, crumple zones at front and rear / 5 doors with additional side protection / 5
Drag coefficient Cd / frontal area A in m <sup>2</sup>	0.34 / 2.16
Length (L103) / width excluding mirrors (W103) / height (H101-M) in mm	4343 / 1800 / 1411
Wheelbase (L101) / track at front/rear (W101-1/W101-2) in mm	2631 / 1559 / 1514
Height of loading lip (H196) in mm	642
Luggage compartment volume / with rear seat bench folded in l	280 / 1120