

Technical Data – Audi RS 3 Sportback 2.5 TFSI quattro S tronic (294 kW)

Program for Germany

Status: 02/19/2018

Engine / electrics	
Engine type	Inline 5-cylinder engine
Valve gear / number of valves per cylinder	continuous intake and exhaust camshaft adjustment / 2/2 intake-/exhaust per cylinder
Displacement in cc / bore x stroke in mm / compression	2480 / 82.5 x 92.8 / 10:1
Max. power output in kW (hp) / at rpm	294 (400) / 5850 - 7000
Max. torque in Nm (lb-ft) / at rpm	480 (354.0) / 1950 - 5850
Exhaust emission control	Direct injection, lambda control, knock control, turbocharger, intercooler
Emissions standard	Emission control concept, EU6 BG
Start-stop / REM	yes / yes
Battery in A / Ah	n.v. / 75
On-board voltage 1 in volts	12
Drivetrain / transmission	
Drive type	All-wheel drive
Clutch	Dual clutch
Transmission type	7-speed S tronic
Transmission ratio in 1st/2nd gear	3.563 / 2.526
Transmission ratio in 3rd/4th gear	1.679 / 1.022
Transmission ratio in 5th/6th gear	0.788 / 0.761
Transmission ratio in 7th/8th gear	0.635
Reverse gear ratio / final drive ratio 1-2	2.789
Suspension / steering / brakes	
Type and design of front-axle suspension	McPherson struts, front
Type and design of rear-axle suspension	Four-link rear suspension
Steering	Electromechanical steering with speed-dependent power assistance
Steering ratio min. / max.	n.v. / 14,6
Turning circle / turning circle optional in m (ft)	11.0 (36.1) / -
Brake control system	Dual-circuit brake system with diagonal split, ESC/ABS/EBD, brake booster, hydraulic brake assist
Tires (basic)	235/35 R 19 91 Y XL
Wheels (basic)	Aluminium Guss Flow Forming 8,0Jx19"
Performance / acoustics	
Top speed in km/h (mph)	250 km/h (155.3), optionally 280 km/h (174.0)
Acceleration, 0-100 km/h (0-62.1 mph) in s	4.1
Fuel type / octane value	Super Plus sulfur-free 98 RON according to EN 228 / 98 RON
Idling / drive-past exterior noise level in dB (A)	89,4 / 71
Consumption / emissions*	
Fuel consumption, urban/extra-urban/combined in liters per 100 kilometers (US mpg)	11,3 (20.8) / 6,9 (34.1) / 8,5 (27.7)
CO ₂ emissions combined in grams per kilometer (g/mi)	195 (313.8) - 194 (312.2)
Servicing / guarantee (Germany)	
Service interval (mi)	30,000 km (18,641.1) / 2 years, whichever comes first
Vehicle / paint / rust perforation guarantee	2 / 3 / 12 (years)
Insurance classification in Germany: third party / fully comprehensive / part-comprehensive	20 / 26 / 24
Weights / loads	
Unladen weight according to EU (excluding driver) / (including driver) / gross weight limit in kg (lb)	1530 (3373.1) / - / 2065 (4552.5)
Axle load limit at front / rear in kg (lb)	1070 (2358.9) / 995 (2193.6)
Roof load limit / permissible nose weight in kg (lb)	75 (165.4) / -
Capacities	
Cooling system capacity (incl. heating) in l (US gal)	9.1 (2.4)
Engine oil capacity (including filter) in l (US qt)	7.1 (7.5)
Fuel tank capacity in l (US gal)	55 (14.5)
Dimensions / body	
Body type / number of doors	Audi Space Frame (ASF) / 4
Number of seats	n.v.
Drag coefficient Cd / frontal area A in m ² (sq ft)	0,34 / 2.16 (23.3)
Standard dimensions (length / width excluding mirrors / height with steel springs / height with air springs) in mm (ft)	4335 (14.2) / 1800 (5.9) / - / n.v.
Width including mirrors in mm (ft)	1966 (6.4)
Wheelbase / track width front/rear in mm (ft)	2631 (8.6) / 1559 (5.1) / 1514 (5.0)
Height of loading edge with steel springs / air springs in mm (ft)	663 (2.1) / n.v.
Luggage capacity behind 2nd seat bench, open / closed in l (cu ft)	n.v. / 315 (11.1)
Largest luggage compartment capacity - behind the 1st seat row in l (cu ft)	770 (27.2)

* Fuel consumption and CO₂ emission figures given in ranges depend on the tires/wheels used