

# Technical Data – Audi RS 5 Cabriolet 4.2 FSI quattro S tronic (331 kW)

Program for Germany

Status: October 2012

<b>Engine / electronics</b>	
Engine type	V8 spark-ignition engine, high-revving concept, four-valve technology, dual-branch intake system, DOHC
Valve gear / number of valves per cylinder	Intake camshaft adjustment, roller cam followers with hydraulic adjustment / 4
Displacement in cc	4163 / 84.5 x 92.8 / 12.5
Max. power output in kW (hp) / at rpm	331 (450) / 8250
Max. torque in Nm (lb-ft) / at rpm	430 (317.15) / 4000 - 6000
Mixture preparation	Fully electronic engine management with drive-by-wire throttle control, Bosch MED 17.1; gasoline direct injection, demand-controlled high-pressure and low-pressure fuel regulation, continuous lambda control, mapped ignition with solid-state high-voltage distribution, cylinder-selective adaptive knock control
Exhaust emission control	Two close-coupled ceramic catalytic converters (600 cells); adaptive lambda control, each with two oxygen sensors (guiding sensor and control sensor)
Emissions class	EU 5
Alternator in A / battery in A/Ah	180 / 450/110
<b>Drivetrain / transmission</b>	
Drive type	quattro permanent all-wheel with crown-gear centre differential, electronic stabilization control (ESC), torque vectoring
Clutch	Dual-clutch, longitudinally installed
Transmission type	7-speed S tronic
Gear ratio in 1st gear / 2nd gear	3.692 / 2.238
Gear ratio in 3rd gear / 4th gear	1.559 / 1.175
Gear ratio in 5th gear / 6th gear	0.915 / 0.745
Gear ratio in 7th gear / 8th gear	0,617
Reverse gear / final drive ratio	2.944 / 4.375
<b>Suspension / steering / brakes</b>	
Front suspension	Five-link front suspension, upper and lower wishbones, solid anti-roll bar
Rear suspension	Independent-wheel, trapezoidal-link rear suspension with resiliently mounted subframe, anti-roll bar
Steering / steering ratio / turning circle in meters (D102) (feet)	Maintenance-free rack-and-pinion steering, EPS / 16.3 / 11.6 (38.06)
Brake system	Dual-circuit brake system with diagonal split, ABS/EBD and electronic stabilization control (ESC) with brake assist; tandem brake booster; front: ventilated disks / rear: ventilated disks Optional: ceramic brakes for the front axle
Wheels / tires	9J x 19 cast aluminum wheels / 265/35 R 19 98Y XL summer tires
<b>Performance / consumption / acoustics</b>	
Top speed in km/h (mph)	250 (155.34) (governed), optional 280 (173.98) (governed)
Acceleration, 0-100 km/h (0-62.14 mph) in sec	4,9
Fuel / octane value	SuperPlus unleaded, 98 RON / 95 RON
Fuel consumption: city / highway / combined in l/100 km (US mpg)	14.6 (16.11) / 8.5 (27.67) / 10.7 (21.98)
CO <sub>2</sub> mass emission in g/km (g/mile)	339 (545.57) / 197 (317.04) / 249 (400.73)
Idling / drive-past exterior noise level in dB (A)	85 / 73
<b>Servicing / guarantee (Germany)</b>	
Service inspection after max. km (miles)	According to service indicator up to 30,000 km (18,641.14) (max. 2 years)
Vehicle / paint / rust perforation guarantee	2 years with unlimited mileage / 3 years / 12 years
Insurance classification in Germany: third party / fully comprehensive / part-comprehensive	19 / 28 / 30
<b>Weights / loads</b>	
Unladen weight according to EU (excluding driver) / (including driver) / gross weight limit in kg (pounds)	1920 (4232.88) / 1995 (4398.22) / 2420 (5335.19)
Axle load limit at front / rear in kg (pounds)	1260 (2777.82) / 1250 (2755.78)
<b>Capacities</b>	
Cooling system capacity (incl. heating) in liters (US gallons)	9.7 (2.56)
Engine oil capacity (including filter) in liters (US quarts)	10.7 (11.31)
Fuel tank capacity in liters (US gallons)	61 (16.11)
<b>Body / dimensions</b>	
Body type / number of doors / seats	Galvanized, unitary steel body, crumple zones at front and rear / 2 doors with additional side protection / 4
Drag coefficient Cd / frontal area A in m <sup>2</sup> (square feet)	0.34 / 2.18 (23.47)
Length (L103) / width excluding mirrors (W103) / height (H101-M) in mm (feet)	4649 (15.25) / 1860 (6.10) / 1380 (4.53)
Wheelbase (L101) / track at front/rear (W101-1/W101-2) in mm (feet)	2751 (9.03) / 1586 (5.20) / 1582 (5.19)
Height of loading lip (H196) in mm (feet)	662 (2.17)
Luggage capacity in liters (cubic feet), according to VDA block method (V211) / rear seat bench folded	With hood open 320 (11.30) / with hood closed 380 (13.42) / 750 (26.49)