Audi RS Q8 SUV

Engine / electrics

Engine type	V8 engine
Valve gear / number of valves per cylinder	Roller cam follower, continuous intake and exhaust camshaft adjustment, hydraulic valve-play compensation / 2/2 inlet/exhaust valves per cylinder
Displacement in cc / bore x stroke in mm / compression	3996 / 86.0 x 86.0 /9.7
Max. power output in kW (PS) / at rpm	441 (600) / 6000
Max. torque in Nm *(lb-ft)* / at rpm	800 *(590.0)* / 2200 - 4500
Mixture preparation	Direct injection, lambda control, knock control, turbocharger, intercooler
Exhaust emission control	Catalytic converter, oxygen sensor, gasoline particulate filter
Emission standard	Euro 6e
Max. electrical output at 12V in kW	3
On-board voltage 1 in volts	12
On-board voltage 2 in volts	48

Drivetrain / transmission

Drive type	quattro permanent all-wheel drive with self-locking center differential
Type of rear axle differential	quattro sport
Clutch	Hydraulic torque converter with lock-up clutch
Transmission type	8-speed tiptronic
Transmission ratio in 1st/2nd gear	4.714 / 3.143
Transmission ratio in 3rd/4th gear	2.106 / 1.667
Transmission ratio in 5th/6th gear	1.285 / 1.000
Transmission ratio in 7th/8th gear	0.839 / 0.667
Reverse gear ratio / final drive ratio 1-2 / 2-3	-3.317 / 3.204 / -

Suspension / steering / brakes

Type and design of front-axle suspension	5-link front axle
Type and design of rear-axle suspension	5-link rear axle
Tires (basic)	295 / 40 ZR 22
Wheels (basic)	Cast aluminum flow forming 10 J x 22
Steering	Electromechanical progressive steering with speed-dependent power assistance
Steering ratio	13.3
Turning circle in m *(ft)*	13.3 *(43.6)*
Brake system	Dual-circuit brake system with black/white split for front/rear axles; front: aluminum fixed calipers; rear: floating calipers with integrated electronic parking brake
Brake disk diameter front / rear in mm *(in)*	420 *(16.5)* / 370 *(14.6)*

Performance / fuel

Top speed in km/h *(mph)*	250 *(155.3)* (governed)
Top speed optional in km/h *(mph)*	280 *(174.0)* / 305 *(189.5)*
Acceleration, 0-100 km/h *(0-62.1 mph)*	3.8
Fuel type / octane value / fuel standard	Gasoline / 98 / DIN EN 228

Consumption / emission*

Fuel consumption, combined in l/100 km *(US mpg)*	13.6 - 13.0 *(17.3 - 18.1)*
CO_2 emissions, combined in g/km *(g/mi)*	310 - 295 *(498.9 - 474.8)*
CO_2 class	G

Servicing / guarantee (Germany)

Service interval	30,000 km *(18,641.1 mi)* / 2 years, whichever comes first
Vehicle / paint / rust perforation guarantee	2 / 3 / 12 years
Insurance classification in Germany: third party / fully comprehensive / part-comprehensive	23 / 29 / 30

Weights / loads

Unladen weight without driver / with driver / gross weight limit in kg *(lb)*	2315 *(5103.7)* / 2390 *(5269.0)* / 3015 *(6646.9)*
Front / rear axle load limit in kg *(lb)*	1600 / 1630 *(3527.4 / 3593.5)*
Trailer load limit on 8% / 12% gradient, braked // unbraked in kg *(lb)*	3500 *(7716.2)* / 3500 *(7716.2)* // 750 *(1653.5)*
Roof load limit / permissible nose weight in kg *(lb)*	100 *(220.5)* / 140 *(308.6)*

Capacities

Cooling system capacity (incl. heating) in l *(US gal)*	15.9 *(4.2)*
Engine oil capacity, including filter (change volume) in l *(US qt)*	9.5 *(10.0)*
Fuel tank capacity / optional in l *(US gal)*	85 *(22.5)* / -

Dimensions** / body

Body type / number of doors / number of seats	Unitary steel/aluminum composite construction / 5 / 5
Drag coefficient C_d / frontal area A in m^2 *(sq ft)*	0.37 / 2.42 *(26.0)*
Vehicle height from - to in mm *(ft)*	1686 - 1710
Vehicle length from - to in mm *(ft)*	5022 - 5022
Vehicle width, without mirrors, from - to in mm *(ft)*	2007 - 2007
Vehicle width, including mirrors, in mm *(ft)*	2190 *(7.2)*
Wheelbase (full load) from - to // track width front/rear in mm *(ft)*	2998 - 2998 *(9.8 - 9.8)* // 1692 *(5.55)* / 1696 *(5.56)*
Overhang angle, front / rear in degrees	21.3 / 26.3
Ramp angle in degrees	23
Height of loading edge from - to in mm *(ft)*	810 - 816 *(2.7 - 2.7)*
Luggage compartment behind the 2nd seat row in l *(cu ft)*	605 *(21.4)*
Largest luggage capacity behind the 1st seat row in l *(cu ft)*	1755 *(62.0)*

***Additional equipment and accessories (attachments, tire size, etc.) may change relevant vehicle parameters, such as weight, rolling resistance and aerodynamics, and, alongside weather and traffic conditions as well as individual driving style, may affect a vehicle's fuel consumption, CO_2 emissions and performance figures.**

****Value range taking into account different chassis and equipment lines in relation to the basic model.**