Audi S3 Sedan

TFSI

Engine / electrics

Engine type	Inline 4-cylinder 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	1984 / 82.5 x 92.8 / 9.3
Max. power output in kW (PS) / at rpm	228 (310) / 5450 - 6500
Max. torque in Nm *(lb-ft)* / at rpm	400 *(295.0)* / 2000 - 5450
Mixture preparation	Direct injection, lambda control, knock control, turbocharger, intercooler
Exhaust emission control	Catalytic converter, oxygen sensor, gasoline particulate filter
Emission standard	Euro 6d-ISC-FCM
Max. electrical output at 12V in kW	1.6
On-board voltage 1 in volts	12

Drivetrain / transmission

Drive type	On-demand quattro permanent all-wheel drive with electronically controlled multi-plate clutch
Type of rear axle differential	Standard
Clutch	2 electrohydraulically controlled multi-plate clutches *(wet)*
Transmission type	7-speed S tronic
Transmission ratio in 1st/2nd gear	3.190 / 2.750
Transmission ratio in 3rd/4th gear	1.897 / 1.040
Transmission ratio in 5th/6th gear	0.793 / 0.860
Transmission ratio in 7th/8th gear	0.661 / -
Reverse gear ratio / final drive ratio 1-2 / 2-3	2.900 / 4.471 / 3.304

Suspension / steering / brakes

Type and design of front-axle suspension	McPherson struts, front
Type and design of rear-axle suspension	4-link rear suspension
Tires (basic)	225 / 40 R 18
Wheels (basic)	Cast aluminum flow forming 8 J x 18
Steering	Electromechanical progressive steering with speed-dependent power assistance
Steering ratio	14.5
Turning circle in m *(ft)*	11.1 *(36.4)*
Brake system	Dual-circuit diagonal-split brake system with ESC/ABS/EBD, brake servo, hydraulic brake assist; Front: floating calipers; Rear: floating calipers with integrated electronic parking brake

Performance / fuel

Top speed in km/h *(mph)*	250 *(155.3)* (governed)
Acceleration, 0-100 km/h *(0-62.1 mph)*	4.8
Fuel type / octane value / fuel standard	Gasoline / 98 / DIN EN 228

Consumption / emission*

Fuel consumption, combined according to WLTP in l/100 km *(US mpg)*	8.0 - 7.8 *(29.4 - 30.2)*
CO_2 emissions, combined according to WLTP in g/km *(g/mi)*	183 - 177 *(294.5 - 284.9)*

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	16 / 25 / 26

Weights / loads

Unladen weight without driver / with driver / gross weight limit in kg *(lb)*	1505 *(3318.0)* / 1580 *(3483.3)* / 2025 *(4464.4)*
Front / rear axle load limit in kg *(lb)*	1095 *(2414.1)* / 1030 *(2270.8)*
Roof load limit / permissible nose weight in kg *(lb)*	75 *(165.3)* / -

Capacities

Cooling system capacity (incl. heating) in l *(US gal)*	9.3 *(2.5)*
Engine oil capacity, including filter (change volume) in l *(US qt)*	5.7 *(6.0)*
Fuel tank capacity / optional in l *(US gal)*	55 *(14.5)* / -

Dimensions** / body

Body type / number of doors / number of seats	Unitary steel / 4 / 5
Drag coefficient C_d / frontal area A in m^2 *(sq ft)*	0.30 / 2.17 *(23.4)*
Vehicle height from - to in mm *(ft)*	1389 - 1444 *(4.6 - 4.7)*
Vehicle length from - to in mm *(ft)*	4495 - 4504 *(14.7 - 14.8)*
Vehicle width, without mirrors, in mm *(ft)*	1816 - 1816 *(6.0 - 6.0)*
Vehicle width, including mirrors, in mm *(ft)*	1984 *(6.5)*
Wheelbase (full load) from - to // track width front/rear in mm *(ft)*	2618 - 2630 *(8.6 - 8.6)* // 1545 *(5.1)* / 1519 *(5.0)*
Overhang angle, front / rear in degrees	13.7 / 16.7
Height of loading edge in mm *(ft)*	677 *(2.2)*
Luggage compartment behind the 2nd seat row in l *(cu ft)*	325 *(11.5)*

***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.**

Consumption and emissions values are only available according to WLTP and not according to NEDC for this vehicle.

****Value range taking into account different chassis (steel spring and air spring) and equipment lines in relation to the basic model.**