

# Technical Data - Audi A3 Cabriolet

## 2.0 TFSI Ambition

Model	Audi A3 Cabriolet 2.0 TFSI	
<b>Engine / electrics</b>		
Engine type	Inline four-cylinder spark-ignition engine with petrol direct injection, exhaust turbo-charger with intercooler, 4 valves per cylinder, double overhead camshafts (DOHC)	
Valve gear / number of valves per cylinder	Continuous intake camshaft adjustment / 4	
Displacement in cc / bore x stroke in mm / compression	1984 / 82.5 x 92.8 / 10.5	
Max. power output in kW (bhp) / at rpm	147 (200) / 5100 - 6000	
Max. torque in Nm / at rpm	280 / 1800 - 5000	
Mixture preparation	Fully electronic engine management with drive-by-wire throttle control, direct injection, adaptive lambda control; mapped ignition with solid-state high-voltage distribution, cylinder-selective adaptive knock control	
Exhaust emission control	Close-coupled ceramic primary catalytic converter with catalyst heating function via homogeneous split dual injection	
Emission category	EU 4	
Alternator in A / battery in A/Ah	140 / 280/60	
<b>Drive / transmission</b>		
Drive type	Front-wheel drive	
Clutch	Hydraulically operated single-plate dry clutch with asbestos-free linings	Two electro-hydraulically controlled multi-plate clutches in an oil bath
Gearbox type	6-speed manual gearbox, synchromesh on all gears	6-speed dual-clutch gearbox S tronic with electro-hydraulic control
Gear ratio in 1st gear / 2nd gear	3.357 / 2.087	3.462 / 2.15
Gear ratio in 3rd gear / 4th gear	1.469 / 1.098	1.464 / 1.079
Gear ratio in 5th gear / 6th gear	1.108 / 0.927	1.094 / 0.921
Rev. gear / 1st - 4th final drive ratio / 5th, 6th, R fin. drive rat.	3.990 / 3.944 / 3.087	3.989 / 4.059 / 3.136
<b>Running gear / steering / brakes</b>		
Front suspension	McPherson struts with lower wishbones, aluminium subframe, tubular anti-roll bar, track-stabilising steering roll radius	
Rear suspension	Four-link rear suspension with separate spring/shock absorber arrangement, subframe, tubular anti-roll bar	
Steering / steering ratio / turning circle in m (D102)	Electromechanical steering with speed-dependent power assistance / 16.2 / approx. 10.7	
Brake system, front/rear	Dual-circuit brake system with diagonal split. ESP with electronic brake-force distribution EBD, ABS; hydraulic brake assist; brake servo with dual-rate function, electronic differential lock EDL, front: ventilated discs, rear: discs	
Wheels/tyres	cast aluminium wheels, 7-spoke-design 7.5 J x 17 / 225/45 R 17	cast aluminium wheels, 5-arm-design 7.5 J x 17 / 225/45 R 17
<b>Performance / consumption / acoustics</b>		
Maximum speed in km/h	231	231
Acceleration 0-100 km/h in sec	7.4	7.3
Fuel grade	Unleaded Super, 95 RON	
Fuel consumption: combined l/100 km	7.6	7.6
CO <sub>2</sub> mass emission, g/km	182	181
Standing / drive-past exterior noise level in dB (A)	79 / 73	79 / 71
<b>Servicing / guarantee</b>		
Servicing	12 months or 15,000 kms <sup>1)</sup>	
Vehicle / paint / rust penetration guarantee	3 years with unlimited mileage / 3 years / 12 years	
<b>Weights / loads</b>		
Unladen weight in kg / gross weight limit in kg	1435 / 1935	1485 / 1985
Axle load limit at front / rear in kg	1075 / 975	1120 / 985
Trailer load limit, unbraked in kg	750	750
Trailer load limit on 8% / 12% gradient, braked in kg	1700 / 1400	
Roof load limit in kg / permissible nose weight in kg	- / 75	
<b>Capacities</b>		
Cooling system capacity (incl. heating) in l	8.6	
Engine oil capacity (incl. filter) in l	4.6	
Fuel tank capacity in l	55	
<b>Body / dimensions</b>		
Body type	Unitary steel body	
Number of doors / seats	2 doors with additional side protection / 4 seats	
Drag coefficient c <sub>d</sub> / frontal area A in m <sup>2</sup>	0,33 / 2,13	
Length (L103)/width excl. mirrors (W103)/height (H100), mm	4238 / 1765 / 1424	
Wheelbase (L101) / track at front/rear (W101/W102), mm	2578 / 1534 / 1507	
Height of loading lip in mm (H195)	684	
Luggage capacity in l, acc. to VDA block method (V211)	260/674	

1) depending on driving style and operating conditions