

# Technical Data – Audi A3 Sportback 1.0 TFSI S tronic (85 kW)

Program for Germany

Status: May 2016

<b>Engine / electronics</b>	
Engine type	Inline three-cylinder spark-ignition engine with gasoline direct injection, exhaust turbocharger with indirect intercooler, four valves per cylinder, double overhead camshaft (DOHC)
Valve gear / number of valves per cylinder	Tooth-belt drive, roller cam followers / 4
Displacement in cc / bore x stroke in mm / compression	999 / 74.5 x 75.4 / 10.5
Max. power output in kW (hp) / at rpm	85 (115) / 5000 - 5500
Max. torque in Nm (lb-ft) / at rpm	200 (147.5) / 2000 - 3500
Mixture preparation	Fully electronic direct injection with drive-by-wire throttle control
Exhaust emission control	Close-coupled catalytic converter with catalyst heating function via homogeneous split multiple injection
Emissions class	EU 6
Alternator in A / battery in A/Ah	140 / 320/59
Start-stop system	Switches the engine off if the vehicle is stationary and the brake is engaged.
<b>Drivetrain / transmission</b>	
Drive type	Front-wheel drive with Electronic Stabilization Control (ESC)
Clutch	Two electrohydraulically operated dry clutches
Transmission type	7-speed S tronic dual-clutch transmission
Gear ratio in 1st gear / 2nd gear	3.765 / 2.273
Gear ratio in 3rd gear / 4th gear	1.531 / 1.122
Gear ratio in 5th gear / 6th gear	1.176 / 0.951
Gear ratio in 7th gear / 8th gear	0.795 / -
Reverse gear / final drive ratio	4.170 / 1st – 4th gear 4.438 / 5th – 7th gear 3.227 / reverse gear 4.176
<b>Suspension / steering / brakes</b>	
Front suspension	McPherson struts with lower wishbones, subframe, tubular anti-roll bar
Rear suspension	Torsion-beam rear suspension with separate spring-damper arrangement
Steering / steering ratio / turning circle in m (D102) (ft)	Electromechanical steering with speed-dependent power assistance / 15.3 / 10.9 (35.8)
Brake system	Dual-circuit brake system with diagonal split, ESC with torque vectoring, hydraulic brake assist, disk brakes ventilated at front, solid at rear; electromechanical parking brake
Wheels / tires (basic)	6.5Jx16" steel wheels, 205/55 R16 tires
<b>Performance / fuel / acoustics</b>	
Top speed in km/h (mph)	206 (128.0)
Acceleration, 0-100 km/h (0-62.1 mph) in s	9.9
Fuel / octane value	Premium unleaded / 95 RON
Idling / drive-past exterior noise level in dB (A)	71 / 69
<b>Consumption / emissions (according to tire size)</b>	
<b>Tire category 1</b>	205/55 R16 91W low rolling resistance, HX5
Fuel consumption: city / highway / combined, in l/100 km (US mpg)	5.4 (43.6) / 4.0 (58.8) / 4.5 (52.3)
CO <sub>2</sub> mass emission city / highway / combined, in g/km (g/mi)	124 (199.6) / 92 (148.1) / 104 (167.4)
<b>Tire category 2</b>	205/55 R16 91W, H6U
Fuel consumption: city / highway / combined, in l/100 km (US mpg)	5.5 (42.8) / 4.1 (57.4) / 4.6 (51.1)
CO <sub>2</sub> mass emission city / highway / combined, in g/km (g/mi)	126 (202.8) / 94 (151.3) / 106 (170.6)
<b>Tire category 3</b>	225/45 R17 91Y, H8V
Fuel consumption: city / highway / combined, in l/100 km (US mpg)	5.6 (42.0) / 4.2 (56.0) / 4.7 (50.0)
CO <sub>2</sub> mass emission city / highway / combined, in g/km (g/mi)	126 (202.8) / 95 (152.9) / 107 (172.2)
<b>Tire category 4</b>	205/55 R16 94V AS, H4J or 225/40 R18 92Y, HM4
Fuel consumption: city / highway / combined, in l/100 km (US mpg)	5.6 (42.0) / 4.2 (56.0) / 4.7 (50.0)
CO <sub>2</sub> mass emission city / highway / combined, in g/km (g/mi)	127 (204.4) / 97 (156.1) / 108 (173.8)
<b>Tire category 5</b>	225/45 R17 94V AS, HX8 or 225/40 R18 92Y, Q99
Fuel consumption: city / highway / combined, in l/100 km (US mpg)	5.7 (41.3) / 4.3 (54.7) / 4.8 (49.0)
CO <sub>2</sub> mass emission city / highway / combined, in g/km (g/mi)	129 (207.6) / 99 (159.3) / 110 (177.0)
<b>Servicing / guarantee (Germany)</b>	
Service inspection after max. km (mi)	According to service indicator up to 30,000 km (18,641.1) (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	14 / 18 / 17
<b>Weights / loads</b>	
Unladen weight according to EU (excluding driver) / (including driver) / gross weight limit in kg (lb)	1200 (2645.5) / 1275 (2810.9) / 1760 (3880.1)
Axle load limit at front / rear in kg (lb)	955 (2105.4) / 940 (2072.3)
Trailer load limit on 8% / 12% gradient, braked / unbraked in kg (lb)	1500 (3306.9) / 1300 (2866.0) / 630 (1388.9)
Roof load limit / permissible nose weight in kg (lb)	75 (165.3) / 75 (165.3)
<b>Capacities</b>	
Cooling system capacity (incl. heating) in l (US gal)	10 (2.6)
Engine oil capacity (including filter) in l (US qt)	4 (4.2)
Fuel tank capacity in l (US gal)	50 (13.2)
<b>Body / dimensions</b>	
Body type / number of doors / seats	Unitary / steel / 5 / 5
Drag coefficient Cd / frontal area A in m <sup>2</sup> (sq ft)	0.32 / 2.13 (22.9)
Length (L103) / width excluding mirrors (W103) / height (H101-M) in mm (ft)	4313 (14.2) / 1785 (5.9) / 1426 (4.7)
Wheelbase (L101) / track at front/rear (W101-1/W101-2) in mm (ft)	2637 (8.7) / 1543 (5.1) / 1514 (5.0)
Height of loading lip (H196) in mm (ft)	679 (2.2)
Luggage capacity / with rear seat bench folded in l (cu ft)	380 (13.4) / 1220 (43.1) (roof high)