

# Technical Data - Audi A4 3.0 TDI quattro (171 kW)

Model	Audi A4 3.0 TDI quattro
<b>Engine / electrics</b>	
Engine type	V6 diesel engine with VTG turbocharger, DOHC; TDI® direct injection
Valve gear / number of valves per cylinder	Roller cam followers with hydraulic valve-play compensation / 4
Displacement in cc / bore x stroke in mm / compression	2967 / 83.0 x 91.4 / 17.0
Max. power output in kW / at rpm	171 / 3500 - 4000
Max. torque in Nm / at rpm	450 / 1400 - 3250
Engine management / mixture preparation	Common rail direct injection, 1600 bar with piezo injectors; seven-hole injector nozzles, VTG turbocharger with intercooler; swirl and tangential intake ports, swirl port regulated; Bosch EDC-16 CP+, volume, injection start, boost pressure, EGR control; CAN bus
Exhaust emission control	Air-gap insulated exhaust manifold, oxidising converters as primary and main catalytic converters, water-cooled exhaust-gas recirculation.
Emission category	EU 4
Alternator in A / battery in A/Ah	140 / 450 / 95
<b>Drive / transmission</b>	
Type of drive	Permanent four-wheel drive with self-locking centre differential, ESP
Clutch	Hydraulic torque converter with lock-up clutch
Gearbox type	6-speed tiptronic with DSP and sport program
Gear ratio in 1st gear / 2nd gear	4.171 / 2.340
Gear ratio in 3rd gear / 4th gear	1.521 / 1.143
Gear ratio in 5th gear / 6th gear	0.867 / 0.691
Reverse gear / final drive ratio	3.403 / 2.888
<b>Running gear / steering / brakes</b>	
Front suspension	Four-link front suspension, upper and lower wishbones, tubular anti-roll bar
Rear suspension	Independent-wheel, trapezoidal-link rear suspension with resiliently mounted subframe, anti-roll bar
Steering / steering ratio / turning circle in m (D102)	Maintenance-free rack-and-pinion steering with power assistance / 16.3 / 11.1
Brake system	Dual-circuit brake system with diagonal split, ABS/EBD and ESP with brake assist, tandem brake booster, front: ventilated discs / rear: discs
Wheels/tyres	17-inch alloy wheels of 9-spoke star design / 235/45 R 17 W
<b>Performance / consumption / acoustics</b>	
Maximum speed in km/h	244
Acceleration 0-100 km/h in sec	7.5
Fuel grade	Diesel, to EN 590
Fuel consumption: overall l/100 km	8.4
CO <sub>2</sub> mass emission, g/km	313 - 332 / 169 - 175 / 233 - 229
Standing / drive-past exterior noise level in dB (A)	78 / 73
<b>Servicing / guarantee</b>	
Service interval	According to service indicator every 12 months or every 15,000 km
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	1655 / 2205
Axle load limit at front / rear in kg	1230 / 1085
Trailer load limit, unbraked in kg	750
Trailer load limit on 8% / 12% gradient, braked in kg	2000 / 1800
Roof load limit in kg / permissible nose weight in kg	75 / 80
<b>Capacities</b>	
Cooling system capacity (incl. heating) in l	9.0
Engine oil capacity (incl. filter) in l	6.0
Fuel tank capacity in l	63
<b>Body / dimensions</b>	
Body type	Galvanised, unitary steel body, crumple zones at front and rear
Number of doors / seats	4 doors with additional side protection / 5 seats
Drag coefficient c <sub>d</sub> / frontal area A in m <sup>2</sup>	0.31 / 2.14
Length (L103)/width excl. mirrors (W103)/height (H100), mm	4586 / 1772 / 1427
Wheelbase (L101) / track at fr./rear (W101/W102), mm	2642 / 1519 / 1514
Height of loading lip in mm (H195)	727
Luggage capacity in l, acc. to VDA block method (V210)	460 (with rear seat folded down: 833)

1) depending on driving style and operating conditions