

# Specifications.

## BMW 2 Series Gran Coupe.

### 216d.



BMW 216d Gran Coupe		
<b>Body</b>		
No. of doors/seats		4 / 5
Length/width/height <sup>1)</sup> (unladen)	mm	4526 / 1800 / 1420
Wheelbase	mm	2670
Track, front/rear	mm	1565 / 1565
Ground clearance	mm	152
Turning circle	m	11.4
Tank capacity	approx. ltr	42
Engine oil <sup>2)</sup>	ltr	4.8
Weight, unladen, to DIN/EU	kg	1430 / 1505
Max. load to DIN	kg	550
Max. permissible weight	kg	1980
Max. axle load, front/rear	kg	1060 / 1020
Max. trailer load, braked (12%/unbraked)	kg	1300 / 750
Max. roof load/towbar download	kg	75 / 75
Luggage comp. capacity	ltr	430
Air resistance	C <sub>d</sub> x A	0.25 x 2.17
<b>Engine</b>		
Config./No. of cyls./valves		in-line / 3 / 4
Engine technology		BMW TwinPower Turbo technology: turbocharger with variable inlet geometry, common-rail direct injection with solenoid injectors (max. injection pressure: 2000 bar)
Effective capacity	cm <sup>3</sup>	1496
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel		Diesel
Output	kW/hp	85 / 116
at	rpm	4000
Torque	Nm	270
at	rpm	1750 – 2250
<b>Electrical System</b>		
Battery/Installation	Ah/–	70 / engine comp.
<b>Driving Dynamics and Safety</b>		
Suspension, front		Single-joint spring strut axle in lightweight aluminium-steel construction
Suspension, rear		Multi-link axle in lightweight steel construction with separate spring and damper configuration
Brakes, front		Single-piston floating-calliper disc brakes, vented
Brakes, rear		Single-piston floating-calliper disc brakes
Driving stability systems		Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), ARB (near-actuator wheel slip limitation) technology, DBC Dynamic Brake Control, Dry Braking function, fading compensation, Start-Off Assistant, EDLC (Electronic Differential Lock Control), Performance Control, trailer stability control; optional: M Sport suspension
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for front and rear seats, three-point inertia-reel seatbelts on all seats with belt latch tensioner and belt force limiter at the front seats, crash sensors, Tyre Pressure Indicator
Steering		Electromechanical rack-and-pinion power steering (EPS) with Servotronic function; optional: M Sport Steering
Steering ratio, overall	:1	15.0
Tyres, front/rear		205/55 R16 91W
Rims, front/rear		7J x 16 light-alloy

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Transmission			
Type of gearbox		Seven-speed Steptronic dual-clutch transmission	
Gear ratios	I	:1	16.385
	II	:1	9.664
	III	:1	6.181
	IV	:1	4.327
	V	:1	3.349
	VI	:1	2.663
	VII	:1	2.158
	R	:1	14.898
Final drive		:1	3.944
Performance			
Power-to-weight ratio (DIN)		kg/kW	16.8
Output per litre		kW/l	56.8
Acceleration	0–100 km/h	s	10.3
Top speed		km/h	200
BMW EfficientDynamics			
BMW EfficientDynamics standard features		Brake Energy Regeneration with recuperation display, EPS (Electric Power Steering), Auto Start Stop function, Optimum Shift Indicator, ECO PRO and COMFORT mode with coasting function, BMW EfficientLightweight, optimised aerodynamic attributes, on-demand operation of ancillary units, map-controlled oil pump, detachable a/c compressor, differential with optimized-warm-up behavior, tyres with reduced rolling resistance, BMW Blue Performance technology including SCR catalytic converter	
Fuel consumption EU cycle			
Urban	ltr/100 km		4.4 – 4.2
Extra-urban	ltr/100 km		3.9 – 3.5
Combined	ltr/100 km		4.1 – 3.8
CO <sub>2</sub>	g/km		108 – 99
Emission rating			Euro 6d

Specifications apply to ACEA markets/data relevant to homologation applies in part only to Germany (weight)

- <sup>1)</sup> Height including roof aerial  
<sup>2)</sup> Oil change volume

The values for fuel consumption, CO<sub>2</sub> emission and energy consumption shown were determined in the standardized test cycle according to the European Regulation (EC) 715/2007 in the version applicable at the time of type approval. The figures refer to a vehicle with basic configuration in Germany and the range shown considers optional equipment and the different size of wheels and tires available on the selected model and may vary during the configuration.

The values are already based on the test cycle according to the new WLTP regulation and are translated back into NEDC-equivalent values in order to allow a comparison between vehicles. With respect to these vehicles, for vehicle related taxes or other duties based (at least inter alia) on CO<sub>2</sub>-emissions the CO<sub>2</sub> values may differ to the values stated here.