

# Technical specifications.

## BMW 4 Series Convertible.

### 430d.



BMW 430d Convertible		
<b>Body</b>		
No of doors/seats		2 / 4
Length/width/height (unladen)	mm	4768 / 1852 / 1384
Wheelbase	mm	2851
Track, front/rear	mm	1573 / 1612
Ground clearance	mm	124
Turning circle	m	11.4
Fuel tank capacity	approx. l	59
Engine oil <sup>1)</sup>	l	7.0
Weight, unladen, to DIN/EU	kg	1880 / 1955
Max load to DIN	kg	500
Max permissible weight	kg	2380
Max axle load, front/rear	kg	1110 / 1305
Max trailer load		
braked (12%/unbraked)	kg	1800 / 750
Max roofload/max towbar		
download	kg	- / 75
Luggage comp capacity	l	385
Air resistance	$c_d \times A$	0.28 x 2.19
<b>Power Unit</b>		
Config/No of cyls/valves		In-line / 6 / 4
Engine technology		BMW TwinPower Turbo technology: multi-stage turbocharging, low-pressure turbocharger with variable inlet geometry, common-rail direct injection with piezo injectors (max. injection pressure: 2700 bar)
Effective capacity	cc	2993
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel		Diesel
Max output	kW/hp	210 / 286
at	rpm	4000
Max torque	Nm	650
at	rpm	1500 – 2500
48V mild hybrid technology		
Max output	kW/hp	8 / 11
<b>Electrical System</b>		
12V battery/installation	Ah/-	90 / luggage compartment
48V battery/installation	Ah/-	11 / engine compartment
<b>Driving Dynamics and Safety</b>		
Suspension, front		Double-joint spring strut axle in lightweight aluminium-steel construction, hydraulically damped torque strut bearing
Suspension, rear		Five-link axle in lightweight aluminium-steel construction
Brakes, front		Vented disc brakes, with single-piston floating callipers
Brakes, rear		Vented disc brakes, with single-piston floating callipers
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Performance Control, Dry Braking function, Fading Compensation, Start-Off Assistant; optional: M Sport suspension, Adaptive M suspension, M Sport differential
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger with combined head airbags, three-point inertia-reel seatbelts on all seats with belt tensioner and belt force limiter at the front, crash sensors, rollover protection system, tyre pressure indicator
Steering		Electric Power Steering (EPS) with Servotronic function, optional: variable sport steering
Steering ratio, overall	:1	14.1
Tyres, front/rear		225/50 R17 98Y XL
Rims, front/rear		7.5J x 17 light-alloy

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**Transmission**

Type of transmission	Eight-speed Steptronic transmission		
Gear ratios	I	:1	5.500
	II	:1	3.520
	III	:1	2.200
	IV	:1	1.720
	V	:1	1.317
	VI	:1	1.000
	VII	:1	0.823
	VIII	:1	0.640
	R	:1	3.993
Final drive		:1	2.563

**Performance**

Power-to-weight ratio (DIN)	kg/kW	9.0
Output per litre	kW/l	70.2
Acceleration 0–100 km/h	s	5.8
Top speed	km/h	250

**BMW EfficientDynamics**

BMW EfficientDynamics standard features	Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration with recuperation display, Auto Start Stop function, ECO PRO and COMFORT mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance, BMW Blue Performance technology with SCR catalytic converter
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**Fuel Consumption ECE**

Combined (WLTP)	l/100 km	6.0 – 5.3
CO <sub>2</sub> (WLTP)	g/km	156 – 139
Emission rating		Euro 6d

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

<sup>1)</sup> Oil change

Fuel consumption, CO<sub>2</sub> emission figures, power consumption and range were measured using the methods required according to Regulation VO (EC) 2007/715 as amended. They refer to vehicles on the automotive market in Germany. With regard to ranges, the NEDC figures take into account differences in the selected wheel and tyre size, while the WLTP figures take into account the effects of any optional equipment.

WLTP values are used as a basis for the assessment of taxes and other vehicle-related levies that are (also) based on CO<sub>2</sub> emissions and, where applicable, for the purposes of vehicle-specific subsidies. NEDC values listed were determined on the basis of the new WLTP measurement method and, for comparability, recalculated back to the NEDC measurement procedure where applicable. For vehicles that have been type-tested since 01.01.2021, the official information only exists in accordance with the WLTP. Further information on the WLTP and NEDC measurement procedures is also available at [www.bmw.com/wltp](http://www.bmw.com/wltp).