

# Specifications. BMW 2 Series Convertible. 220d



BMW 220d Convertible		
<b>Body</b>		
No. of doors/seats		2 / 4
Length/width/height (unladen)	mm	4432 / 1774 / 1413
Wheelbase	mm	2690
Front/rear track	mm	1521 / 1556
Ground clearance	mm	140
Turning circle	m	10.9
Fuel capacity	approx. l	52
Cooling and heating system reservoir capacity	l	7.0
Engine oil capacity <sup>1)</sup>	l	5.0
Weight, unladen (DIN/EU)	kg	1535 / 1610 (1555 / 1630)
Payload (DIN)	kg	470
Permitted total weight	kg	2005 (2015)
Permitted axle load, front/rear	kg	905 / 1155
Permitted trailer load (12%) braked/unbraked	kg	1500 / 750
Permitted roof load/trailer download	kg	– / 75
Luggage compartment capacity	l	280 – 335
Aerodynamic drag	c <sub>d</sub> x A	0.31 x 2.13
<b>Engine</b>		
Type/no. of cylinders/valves		in-line / 4 / 4
Engine technology	BMW TwinPower Turbo technology: variable-geometry turbocharger, common-rail direct fuel injection with magnetic valve injectors, max. injection pressure: 2000 bar	
Effective capacity	cc	1995
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel type		Diesel
Output	kW/hp	140 / 190
at rpm	min <sup>-1</sup>	4000
Torque	Nm	400
at rpm	min <sup>-1</sup>	1750 – 2500
<b>Electrical</b>		
Battery charge/location	Ah/–	90 / luggage compartment
Alternator current/output	A/W	150 / 2100
<b>Driving Dynamics and Safety</b>		
Front suspension	Aluminium double-joint spring strut axle	
Rear suspension	Five-link axle in lightweight steel construction with double elastic bearing	
Front brakes	Single-piston floating-calliper disc brakes	
Rear brakes	Single-piston floating-calliper disc brakes	
Driving stability systems	Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying function, fading compensation, start-off assistant	
Safety equipment	Standard: driver and front-seat passenger airbags, driver and front-seat passenger side airbags with combined head airbags, three-point automatic seatbelts for all seats, seatbelt tensioners and seatbelt force limiters in front seats, crash sensors, tyre pressure indicator	
Steering	Electromechanical rack-and-pinion power steering (EPS); optional: Servotronic function, Variable Sport Steering	
Overall steering ratio	:1	15.0
Front/rear tyres		205/55 R16 91W
Front/rear wheels		7J x 16 light-alloy

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<b>Transmission</b>			
Type of gearbox		6-speed manual (optional: 8-speed Steptronic)	
Gear ratios	I	:1	4.110 (5.000)
	II	:1	2.248 (3.200)
	III	:1	1.403 (2.143)
	IV	:1	1.000 (1.720)
	V	:1	0.802 (1.314)
	VI	:1	0.659 (1.000)
	VII	:1	– (0.822)
	VIII	:1	– (0.640)
	R	:1	3.727 (3.456)
Differential ratio		:1	3.231 (2.647)
<b>Performance</b>			
Weight-to-power ratio (DIN unladen)		kg/kW	11.0 (11.1)
Specific power output		kW/l	70.2
Acceleration	0–100 km/h	sec.	7.5 (7.4)
in 5th gear	80–120 km/h	sec.	7.7 (–)
Max. speed		km/h	225 (225)
<b>BMW EfficientDynamics</b>			
BMW EfficientDynamics Features included as standard		Brake Energy Regeneration with recuperation display, electric power steering (EPS), Auto Start Stop function, gear shift indicator, ECO PRO mode with coasting function (automatic), intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-regulated oil pump, detachable a/c compressor, differential with optimized warm-up behaviour, tyres with reduced rolling resistance	
<b>Fuel consumption (EU) <sup>2)</sup></b>			
with standard wheels and tyres			
Urban		l/100 km	5.5 (4.7)
Extra-urban		l/100 km	3.8 (3.7)
Total		l/100 km	4.4 (4.1)
CO <sub>2</sub> emissions		g/km	116 (108)
with 7J x 17" rims and 205/50 R17 tyres, with 7.5J x 17" rims and 225/45 R17 tyres and with winter tyres, with 7.5J x 17" front rims, 8J x 17" rear rims, 225/45 R17 front tyres and 245/40 R17 rear tyres			
Urban		l/100 km	5.7 (5.0)
Extra-urban		l/100 km	4.0 (3.9)
Combined		l/100 km	4.6 (4.3)
CO <sub>2</sub> emissions		g/km	121 (113)
with 7.5J x 18" front rims, 8J x 18" rear rims, 225/40 R18 front tyres and 245/35 R18 rear tyres			
Urban		l/100 km	5.8 (5.2)
Extra-urban		l/100 km	4.1 (4.0)
Total		l/100 km	4.7 (4.4)
CO <sub>2</sub> emissions		g/km	124 (117)
Emissions standard			EU6

Technical data valid for ACEA countries/Some permitted weights valid only for Germany  
Figures in brackets are for vehicles with automatic transmission

<sup>1)</sup> Oil change volume

<sup>2)</sup> Fuel consumption and CO<sub>2</sub> emissions depend on the selected tyre format