

Specifications. BMW 2 Series Convertible. 218i



BMW 218i Convertible

Body

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	7.7 (8.7)
Engine oil capacity ¹⁾	l	4.25
Weight, unladen (DIN/EU)	kg	1495 / 1570 (1515 / 1590)
Payload (DIN)	kg	470
Permitted total weight	kg	1965 (1985)
Permitted axle load, front/rear	kg	865 / 1160
Permitted trailer load (12%) braked/unbraked	kg	1300 / 750
Permitted roof load/trailer download	kg	- / 75
Luggage compartment capacity	l	280 – 335
Aerodynamic drag	c _c x A	0.32 x 2.13

Engine

Type/no. of cylinders/valves		in-line / 3 / 4
Engine technology		BMW TwinPower Turbo technology: turbocharger, direct injection system High Precision Injection, fully variable valve control (VALVETRONIC) and double VANOS variable camshaft timing
Effective capacity	cc	1499
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	11.0
Fuel type		min. RON 91
Output	kW/hp	100 / 136
at rpm	min ⁻¹	4500 – 6000
Torque	Nm	220
at rpm	min ⁻¹	1250

Electrical

Battery charge/location	Ah/-	90 (80) / luggage compartment
Alternator current/output	A/W	180 / 2520

Driving Dynamics and Safety

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 91H
Front/rear wheels	7J x 16 light-alloy

1/2015

Valid from
3/2015

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Transmission				
Type of gearbox				
Gear ratios	I :1	6-speed manual (optional: 8-speed Steptronic)		
	II :1	4.552 (5.000)		
	III :1	2.548 (3.200)		
	IV :1	1.659 (2.143)		
	V :1	1.230 (1.720)		
	VI :1	1.000 (1.314)		
	VII :1	0.830 (1.000)		
	VIII :1	– (0.822)		
	R :1	– (0.640)		
Differential ratio	:1	4.138 (3.456)		
		3.077 (3.077)		
Performance				
Weight-to-power ratio (DIN unladen)	kg/kW	15.0 (15.2)		
Specific power output	kW/l	66.7		
Acceleration 0–100 km/h	sec.	9.4 (9.6)		
in 5th gear 80–120 km/h	sec.	11.4 (–)		
Max. speed	km/h	207 (205)		
BMW EfficientDynamics				
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			
Fuel consumption (EU)²⁾				
with standard wheels and tyres				
Urban	l/100 km	6.9 (6.5)		
Extra-urban	l/100 km	4.7 (4.6)		
Total	l/100 km	5.5 (5.3)		
CO ₂ emissions	g/km	129 (124)		
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	7.3 (6.9)		
Extra-urban	l/100 km	5.0 (4.9)		
Combined	l/100 km	5.8 (5.6)		
CO ₂ emissions	g/km	136 (131)		
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	7.5 (7.1)		
Extra-urban	l/100 km	5.1 (5.0)		
Total	l/100 km	6.0 (5.8)		
CO ₂ emissions	g/km	139 (134)		
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

¹⁾ Oil change volume

²⁾ Fuel consumption and CO₂ emissions depend on the selected tyre format