

Specifications.

BMW 2 Series Coupe.

218i



BMW 218i Coupe		
Body		
No. of doors/seats		2 / 4
Length/width/height ¹⁾ (unladen)	mm	4432 / 1774 / 1418
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 ²⁾	l	4.25
Weight, unladen (DIN/EU)	kg	1340 / 1415 (1360 / 1435)
Payload (DIN)	kg	510
Permitted total weight	kg	1850 (1870)
Permitted axle load, front/rear	kg	875 / 1040
Permitted trailer load (12%) braked/unbraked	kg	1300 / 680
Permitted roof load/trailer download	kg	75 / 75
Luggage compartment capacity	l	390
Aerodynamic drag	c _d x A	0.29 x 2.14
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–	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, head airbags front and rear, 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 91V
Front/rear wheels		7J x 16 light-alloy

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Transmission

Type of gearbox	6-speed manual (optional: 8-speed Steptronic)		
Gear ratios	I	:1	4.552 (5.000)
	II	:1	2.548 (3.200)
	III	:1	1.659 (2.143)
	IV	:1	1.230 (1.720)
	V	:1	1.000 (1.314)
	VI	:1	0.830 (1.000)
	VII	:1	– (0.822)
	VIII	:1	– (0.640)
	R	:1	4.138 (3.456)
Differential ratio		:1	2.813 (3.077)

Performance

Weight-to-power ratio (DIN unladen)		kg/kW	13.4 (13.6)
Specific power output		kW/l	66.7
Acceleration	0–100 km/h	sec.	8.8 (8.9)
in 5th gear	80–120 km/h	sec.	11.2 (–)
Max. speed		km/h	210 (210)

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
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Fuel consumption (EU) ³⁾

with standard wheels and tyres			
Urban	l/100 km		6.3 (6.2)
Extra-urban	l/100 km		4.4 (4.4)
Total	l/100 km		5.1 (5.1)
CO ₂ emissions	g/km		119 (118)
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		6.7 (6.5)
Extra-urban	l/100 km		4.6 (4.6)
Combined	l/100 km		5.4 (5.3)
CO ₂ emissions	g/km		125 (124)
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		6.9 (6.8)
Extra-urban	l/100 km		4.8 (4.8)
Total	l/100 km		5.6 (5.5)
CO ₂ emissions	g/km		130 (129)
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⁾ Height including roof aerial

²⁾ Oil change volume

³⁾ Fuel consumption and CO₂ emissions depend on the selected tyre format