

Specifications.

BMW 2 Series Coupe.

M235i



BMW M235i Coupe	
Body	
No. of doors/seats	2 / 4
Length/width/height ¹⁾ (unladen)	mm 4454 / 1774 / 1408
Wheelbase	mm 2690
Track, front/rear	mm 1516 / 1534
Ground clearance	mm 130
Turning circle	m 10.9
Tank capacity	approx. ltr 52
Cooling system incl. heating	ltr 6.7 (7.2)
Engine oil ²⁾	ltr 6.5
Weight, unladen, to DIN/EU	kg 1455 / 1530 (1470 / 1545)
Max. load to DIN	kg 510
Max. permissible weight	kg 1965 (1980)
Max. axle load, front/rear	kg 970 / 1080
Max. trailer load, braked (12%/unbraked)	kg - / -
Max. roof load/towbar download	kg 75 / -
Luggage comp. capacity	ltr 390
Air resistance	C _d x A 0.33 x 2.14
Engine	
Config./No. of cyls./valves	in-line / 6 / 4
Engine technology	M TwinPower Turbo technology with twin-scroll turbocharger, High Precision Direct Injection, fully variable valve control (VALVETRONIC) and double-VANOS variable camshaft control
Effective capacity	cm ³ 2979
Stroke/bore	mm 89.6 / 84.0
Compression ratio	:1 10.2
Fuel grade	min. RON 91
Output	kW/hp 240 / 326
at	rpm 5800 – 6000
Torque	Nm 450
at	rpm 1300 – 4500
Electrical System	
Battery/Installation	Ah/- 80 / luggage comp.
Alternator	AW 170 / 2380
Driving Dynamics and Safety	
Suspension, front	Aluminium double-joint spring strut axle with M-specific elastokinematics
Suspension, rear	Five-link axle in lightweight steel construction with double elastic bearing
Brakes, front	Four-piston fixed-calliper disc brakes
Brakes, rear	Two-piston fixed-calliper disc brakes
Driving stability systems	Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant
Safety equipment	Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags front and rear, three-point inertia-reel seatbelts on all seats with belt tensioner and belt force limiter at the front, crash sensors, Tyre Defect Indicator
Steering	Electric Power Steering (EPS), variable sport steering
Steering ratio, overall	:1 14.5
Tyres, front/rear	225/40 R18 88Y/ 245/35 R 18 92Y XL
Rims, front/rear	7.5J x 18 light-alloy/ 8J x 18 light-alloy

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Transmission

Type of gearbox	6-speed manual gearbox (optional: 8-speed automatic with Steptronic)		
Gear ratios	I	:1	4.110 (4.714)
	II	:1	2.315 (3.143)
	III	:1	1.542 (2.106)
	IV	:1	1.179 (1.667)
	V	:1	1.000 (1.285)
	VI	:1	0.846 (1.000)
	VII	:1	- (0.839)
	VIII	:1	- (0.667)
	R	:1	3.727 (3.295)
Final drive		:1	3.077 (3.077)

Performance

Power-to-weight ratio (DIN)	kg/kW	6.1 (6.1)
Output per litre	kW/ltr	80.6
Acceleration	0–100 km/h	s
	0–1000 m	s
		5.0 (4.8)
		23.8 (23.7)
in 4th/5th gear	80–120 km/h	s
		4.2 / 4.9 (– / –)
Top speed	km/h	250 (250)

BMW EfficientDynamics

BMW EfficientDynamics, standard features	Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, Optimum Gearshift Indicator (manual gearbox), ECO PRO mode with coasting function, intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-controlled oil pump, final drive with optimised warm-up behaviour
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Fuel consumption EU

Urban	ltr/100 km	10.9 (10.3)
Extra-urban	ltr/100 km	6.4 (5.9)
Combined	ltr/100 km	8.1 (7.6)
CO ₂	g/km	189 (176)
Emission rating		EU6

Specifications apply to ACEA markets; data relevant to homologation applicable in part only to Germany (weight)
Figures in brackets apply to automatic transmission

¹⁾ Height including roof aerial

²⁾ Oil change volume