

Specifications. BMW 2 Series Coupe. M235i xDrive



BMW M235i xDrive 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	7.2
Engine oil ²⁾	ltr	6.5
Weight, unladen, to DIN/EU	kg	1525 / 1600
Max. load to DIN	kg	510
Max. permissible weight	kg	2035
Max. axle load, front/rear	kg	1020 / 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	A/W	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, linked to xDrive all-wheel-drive system in Integrated Chassis Management (ICM)
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		8-speed Steptronic gearbox	
Gear ratios	I	:1	4.714
	II	:1	3.143
	III	:1	2.106
	IV	:1	1.667
	V	:1	1.285
	VI	:1	1.000
	VII	:1	0.839
	VIII	:1	0.667
	R	:1	3.295
Final drive		:1	3.077
Performance			
Power-to-weight ratio (DIN)	kg/kW		6.4
Output per litre	kW/ltr		80.6
Acceleration	0–100 km/h	s	4.6
	0–1000 m	s	³⁾
in 4th/5th gear	80–120 km/h	s	–
Top speed	km/h		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 and power divider with optimised warm-up behaviour	
Fuel consumption EU			
Urban	ltr/100 km		10.8
Extra-urban	ltr/100 km		6.1
Combined	ltr/100 km		7.8
CO ₂	g/km		182
Emission rating			EU6

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

¹⁾ Height including roof aerial

²⁾ Oil change volume

³⁾ Data not yet available