

Specifications.

BMW 2 Series Convertible.

M240i xDrive



BMW M240i xDrive Convertible

Body

No. of doors/seats		2 / 4
Length/width/height (unladen)	mm	4454 / 1774 / 1403
Wheelbase	mm	2690
Front/rear track	mm	1516 / 1534
Ground clearance	mm	130
Turning circle	m	11.3
Fuel capacity	approx. l	52
Engine oil capacity ¹⁾	l	6.5
Weight, unladen (DIN/EU)	kg	1680 / 1755
Payload (DIN)	kg	430
Permitted total weight	kg	2110
Permitted axle load, front/rear	kg	1020 / 1145
Permitted trailer load (12%) braked/unbraked	kg	- / -
Permitted roof load/trailer download	kg	- / -
Luggage compartment capacity	l	280 – 335
Aerodynamic drag	c _c x A	0.37 x 2.13

Engine

Type/no. of cylinders/valves		in-line / 6 / 4
Engine technology		M Performance TwinPower Turbo technology: twin-scroll turbocharger, direct injection system High Precision Injection, fully variable valve control (VALVETRONIC) and double VANOS variable camshaft timing
Effective capacity	cc	2998
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	11.0
Fuel type		min. RON 91
Output	kW/hp	250 / 340
at rpm	min ⁻¹	5500
Torque	Nm	500
at rpm	min ⁻¹	1520 – 4500

Electrical

Battery charge/location	Ah/-	80 / luggage compartment
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Driving Dynamics and Safety

Front suspension		Aluminium double-joint spring strut axle with M-specific elastokinematics
Rear suspension		Five-link axle in lightweight steel construction with double elastic bearing
Front brakes		Four-piston fixed-calliper disc brakes
Rear brakes		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, brake drying function, fading compensation, start-off assistant; linked to xDrive all-wheel-drive system in Integrated Chassis Management (ICM)
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), Variable Sport Steering
Overall steering ratio	:1	14.6
Front/rear tyres		225/40 R18 88Y 245/35 R 18 92Y XL
Front/rear wheels		7.5J x 18 light-alloy/ 8J x 18 light-alloy

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Transmission

Type of gearbox	8-speed Steptronic Sport transmission		
Gear ratios	I	:1	5.000
	II	:1	3.200
	III	:1	2.143
	IV	:1	1.720
	V	:1	1.314
	VI	:1	1.000
	VII	:1	0.822
	VIII	:1	0.640
	R	:1	3.456
Differential ratio		:1	2.813

Performance

Weight-to-power ratio (DIN unladen)	kg/kW	6.7
Specific power output	kW/l	83.4
Acceleration 0–100 km/h	sec.	4.6
in 5th gear 80–120 km/h	sec.	–
Max. speed	km/h	250

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, intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-regulated oil pump, final drive and power divider with optimised warm-up behaviour, tyres with reduced rolling resistance
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Fuel consumption (EU)

Urban	l/100 km	10.4
Extra-urban	l/100 km	6.3
Total	l/100 km	7.8
CO ₂ emissions	g/km	179
Emissions standard		EU6

Technical data valid for ACEA countries/Some permitted weights valid only for Germany

¹⁾ Oil change volume