

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
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	
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