

# Données techniques.

## BMW M4 Competition M xDrive Cabriolet.

BMW M4 Competition Convertible with M xDrive		
<b>Body</b>		
No. of doors/seats		2 / 4
Length/width/height (unladen)	mm	4794 / 1887 / 1395
Wheelbase	mm	2857
Track, front/rear	mm	1617 / 1605
Ground clearance	mm	121
Turning circle	m	12.6
Fuel tank capacity	approx. l	59
Engine oil <sup>1)</sup>	l	7.0
Weight, unladen, to DIN/EU	kg	1920 / 1995
Max. load to DIN	kg	425
Max. permissible weight	kg	2345
Max. axle load, front/rear	kg	1160 / 1265
Max. trailer load, braked (12%)/unbraked	kg	- / -
Max. roofload/max. towbar download	kg	- / -
Luggage comp. capacity	l	385
Air resistance	C <sub>d</sub> x A	0.34 x 2.29
<b>Engine</b>		
Config./No. of cyls./valves		In-line / 6 / 4
Engine technology		M TwinPower Turbo technology with two mono-scroll turbochargers, indirect charge air cooling, High Precision Injection (maximum injection pressure: 350 bar), VALVETRONIC fully variable valve timing, Double-VANOS variable camshaft timing
Effective capacity	cc	2993
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	9.3
Fuel		RON 98 (min. RON 91)
Max. output	kW/hp	375 / 510
at	rpm	6250
Max. torque	Nm	650
at	rpm	2750 – 5500
<b>Electrical System</b>		
Battery/installation	Ah/-	70 / luggage compartment
<b>Driving Dynamics and Safety</b>		
Suspension, front		Adaptive M suspension with double-joint spring strut axle in lightweight aluminium construction, M-specific kinematics and elastokinematics
Suspension, rear		Adaptive M suspension with five-link axle in lightweight aluminium/steel construction, rear-axle subframe with rigid bolted connection to the body, M-specific kinematics and elastokinematics
Brakes, front		M Compound brakes, vented, with six-piston fixed callipers
Brakes, rear		M Compound brakes, vented, with single-piston floating callipers
Driving stability systems		Standard: DSC incl. ABS, ASC and M Dynamic Mode (MDM), can be switched off, integrated wheel slip limitation, CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Start-Off Assistant, DSC linked with M xDrive all-wheel drive, Active M Differential
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger with combined head airbags, three-point inertia-reel seatbelts on all seats with belt tensioner and belt force limiter at the front, crash sensors, rollover protection system, tyre pressure indicator
Steering		Electric Power Steering (EPS) with M-specific Servotronic function and variable sport ratio
Steering ratio, overall	:1	14.6
Tyres, front/rear		275/35 ZR19 100Y XL 285/30 ZR20 99Y XL
Rims, front/rear		9.5J x 19 light-alloy 10.5J x 20 light-alloy

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**Transmission**

Type of transmission	Eight-speed M Steptronic transmission with Drivelogic		
Gear ratios	I	:1	5.000
	II	:1	3.200
	III	:1	2.143
	IV	:1	1.720
	V	:1	1.313
	VI	:1	1.000
	VII	:1	0.823
	VIII	:1	0.640
	R	:1	3.478
Final drive		:1	3.154

**Performance**

Power-to-weight ratio (DIN)	kg/kW	5.1
Output per litre	kW/l	125.3
Acceleration 0–100 km/h	s	3.7
Acceleration 80–120 km/h in 4th/5th gear	s	2.8 / 3.7
Top speed	km/h	250 / 280 <sup>2)</sup>

**BMW EfficientDynamics**

BMW EfficientDynamics standard features	Brake Energy Regeneration, Electric Power Steering, Auto Start Stop function, Optimum Shift Indicator in manual shift mode, BMW EfficientLightweight, on-demand operation of ancillary units, map-controlled oil pump, efficiency-optimised all-wheel drive, rear differential with optimised efficiency, optimised aerodynamic attributes
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**Fuel Consumption ECE**

with standard tyres		
Combined (WLTP)	l/100 km	10.2
CO <sub>2</sub> (WLTP)	g/km	233 – 231
Emission rating		Euro 6d

Specifications apply to ACEA markets/data relevant to homologation applies in part only to Germany (weight)

<sup>1)</sup> Oil change with filter

<sup>2)</sup> Limited / with optional M Driver's Package

The fuel consumption, CO<sub>2</sub> emissions, electric power consumption and range figures are determined according to the European Regulation (EC) 715/2007 in the version applicable. They refer to vehicles in the German market. Where a range is shown, the figures take into account the impact of any optional extras.

All values were calculated based on the new WLTP test cycle. WLTP values are taken as the basis for determining vehicle-related taxes or other duties based (at least inter alia) on CO<sub>2</sub> emissions as well as eligibility for any applicable vehicle-specific subsidies. Further information on the WLTP and NEDC measurement procedures can also be found at [www.bmw.com/wltp](http://www.bmw.com/wltp).

Further information on official fuel consumption figures and specific CO<sub>2</sub> emission values of new passenger cars is included in the following guideline: 'Leitfaden über den Kraftstoffverbrauch, die CO<sub>2</sub>-Emissionen und den Stromverbrauch neuer Personenkraftwagen' (Guide to the fuel economy, CO<sub>2</sub> emissions and electric power consumption of new passenger cars), which can be obtained free of charge from all dealerships, from Deutsche Automobil Treuhand GmbH (DAT), Hellmuth-Hirth-Str. 1, 73760 Ostfildern-Schornhausen and at <https://www.dat.de/co2/>.