

# Specifications. BMW 2 Series Convertible. M240i



| BMW M240i Convertible                           |                    |   |
|---|--------------------|---|
| <b>Body</b>                                     |                    |   |
| 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                  | 10.9  |
| Fuel capacity                                   | approx. l          | 52  |
| Engine oil capacity <sup>1)</sup>               | l                  | 6.5   |
| Weight, unladen (DIN/EU)                        | kg                 | 1615 / 1690<br>(1630 / 1705)  |
| Payload (DIN)                                   | kg                 | 430   |
| Permitted total weight                          | kg                 | 2045 (2060)   |
| Permitted axle load, front/rear                 | kg                 | 975 / 1145  |
| Permitted trailer load (12%)<br>braked/unbraked | kg                 | - / -   |
| Permitted roof load/trailer download            | kg                 | - / -   |
| Luggage compartment capacity                    | l                  | 280 – 335   |
| Aerodynamic drag                                | c <sub>c</sub> x A | 0.36 x 2.13   |
| <b>Engine</b>                                   |                    |   |
| 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 <sup>-1</sup>  | 5500  |
| Torque  | Nm                 | 500   |
| at rpm  | min <sup>-1</sup>  | 1520 – 4500   |
| <b>Electrical</b>                               |                    |   |
| Battery charge/location                         | Ah/–               | 80 / luggage compartment  |
| <b>Driving Dynamics and Safety</b>              |                    |   |
| 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  |
| 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),<br>Variable Sport Steering  |
| Overall steering ratio                          | :1                 | 14.5  |
| Front/rear tyres                                |                    | 225/40 R18 88Y<br>245/35 R 18 92Y XL  |
| Front/rear wheels                               |                    | 7.5J x 18 light-alloy/<br>8J x 18 light-alloy   |

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#### Transmission

|                    |  |    |               |
|--------------------|--|----|---------------|
| Type of gearbox    | 6-speed manual (optional: 8-speed Steptronic Sport transmission) |    |               |
| Gear ratios        | I  | :1 | 4.110 (5.000) |
|                    | II   | :1 | 2.315 (3.200) |
|                    | III  | :1 | 1.542 (2.143) |
|                    | IV   | :1 | 1.179 (1.720) |
|                    | V  | :1 | 1.000 (1.314) |
|                    | VI   | :1 | 0.846 (1.000) |
|                    | VII  | :1 | – (0.822)     |
|                    | VIII   | :1 | – (0.640)     |
|                    | R  | :1 | 3.727 (3.456) |
| Differential ratio |  | :1 | 3.077 (2.813) |

#### Performance

|  |             |       |           |
|--|-------------|-------|-----------|
| Weight-to-power ratio<br>(DIN unladen) |             | kg/kW | 6.5 (6.5) |
| Specific power output                  |             | kW/l  | 83.4      |
| Acceleration                           | 0–100 km/h  | sec.  | 4.9 (4.7) |
| in 5th gear                            | 80–120 km/h | sec.  | 5.3 (–)   |
| Max. speed                             |             | km/h  | 250 (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 (automatic), intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-regulated oil pump, differential with optimized-warm-up behaviour, tyres with reduced rolling resistance |
|---|---|

#### Fuel consumption (EU)

|                           |          |            |
|---------------------------|----------|------------|
| Urban                     | l/100 km | 11.2 (9.8) |
| Extra-urban               | l/100 km | 6.6 (6.0)  |
| Total                     | l/100 km | 8.3 (7.4)  |
| CO <sub>2</sub> emissions | g/km     | 189 (169)  |
| Emissions standard        |          | EU6        |

Technical data valid for ACEA countries/Some permitted weights valid only for Germany  
Figures in brackets are for vehicles with automatic transmission

<sup>1)</sup> Oil change volume