

Technical specifications.

BMW M2 CS.



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05/2025
Page 1

| BMW M2 CS | | |
|---|---|----------------------|
| Body | | |
| No of doors/seats | | 2 / 4 |
| Length/width/height (unladen) | mm | 4587 / 1887 / 1395 |
| Wheelbase | mm | 2747 |
| Track, front/rear | mm | 1617 / 1605 |
| Ground clearance | mm | 119 |
| Turning circle | m | 11.9 |
| Fuel tank capacity | approx. l | 52 |
| Engine oil ¹⁾ | l | 8.5 |
| Weight, unladen, to DIN/EU | kg | 1700 / 1775 |
| Max. load to DIN | kg | 425 |
| Max. permissible weight | kg | 2125 |
| Max. axle load, front/rear | kg | 1075 / 1135 |
| Max. trailer load, braked (12%)/unbraked | kg | - / - |
| Max. roofload/towbar download | kg | 75 / - |
| Luggage comp. capacity | l | 390 |
| Power Unit | | |
| 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 and 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 95) |
| Max. output | kW/hp | 390 / 530 |
| at | rpm | 6250 |
| Max. torque | Nm | 650 |
| at | rpm | 2750 – 5730 |
| Driving Dynamics and Safety | | |
| 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, drive-off assistant, Active M Differential | |
| Safety equipment | Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for front and rear seats, three-point inertia-reel seatbelts on all seats with belt stopper, belt tensioner and belt force limiter in the front, crash sensors, tyre pressure indicator | |
| Steering | Electric Power Steering (EPS) with M-specific Servotronic function and variable sport ratio | |
| 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 | | 4.4 |
| Acceleration 0–100 km/h | s | | 3.8 |
| (using one-foot rollout method) ²⁾ | | | 3.5 |
| Acceleration 0–200 km/h | s | | 11.7 |
| (using one-foot rollout method) ²⁾ | | | 11.4 |
| Acceleration 80–120 km/h | s | | |
| in 5th gear | | | 3.4 |
| Top speed | km/h | | 302 ³⁾ |
| BMW EfficientDynamics | | | |
| BMW EfficientDynamics standard features | Brake Energy Regeneration, Electric Power Steering, Automatic Start/Stop function, Optimum Shift Indicator (M Steptronic: in manual shift mode), BMW EfficientLightweight, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised efficiency, optimised aerodynamic attributes | | |
| Fuel Consumption ECE | | | |
| Combined (WLTP) | l/100 km | | 10.0 |
| CO ₂ (WLTP) | g/km | | 226 |
| Emission rating | | | Euro 6e |
| CO ₂ class(es) | | | G |

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

¹⁾ Oil change with filter

²⁾ Value with "rollout" subtracted. With this alternative measuring method, time measurement only begins after leaving a light barrier. The driving distance (the "rollout") not taken into account in the measurement is 1 foot = 30.48 cm.

³⁾ Limited

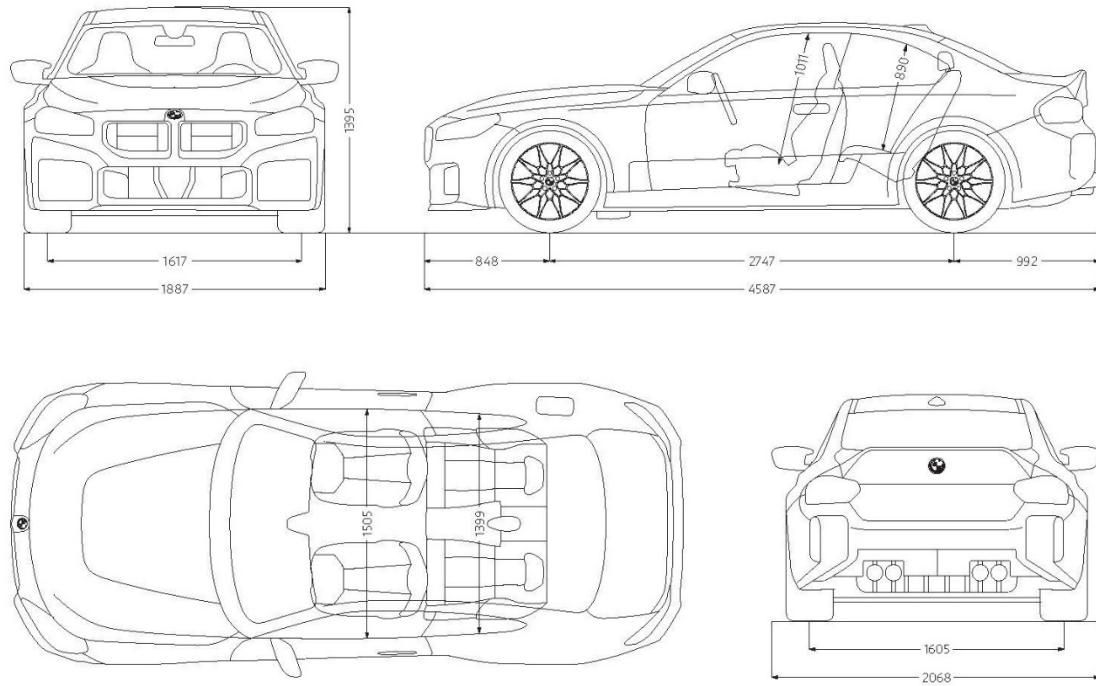
Official fuel consumption, CO₂ emissions, electric power consumption and electric range figures were determined based on the prescribed measurement procedure in accordance with European Regulation (EC) 2007/715 in the version applicable. They refer to vehicles in the German market. Where a range is shown, NEDC figures consider the different sizes of the selected wheels/tyres, while WLTP figures take into account the impact of any optional extras.

WLTP values are used for determining vehicle-related taxes or other duties based (at least inter alia) on CO₂ emissions as well as eligibility for any applicable vehicle-specific subsidies. Any NEDC values that are shown were calculated based on the new WLTP measurement procedure where appropriate and translated back into equivalent NEDC measurements in order to ensure comparability between the vehicles. Only official figures based on the WLTP procedure are available for new models that have been type tested since 01.01.2021. Further information on the WLTP and NEDC measurement procedures can also be found at www.bmw.de/wltp.

Exterior and interior dimensions. BMW M2 CS.

BMW
Media
information

05/2025
Page 3



The dimensions of the technical drawing are in millimetres and may vary depending on the model and optional equipment specified.