

# Specifications.

## BMW M4 Coupé.

### M4.



| BMW M4 Coupé                                |                    |   |
|---|--------------------|---|
| <b>Body</b>                                 |                    |   |
| No. of doors/seats                          |                    | 2 / 4   |
| Length/width/height (unladen)               | mm                 | 4801 / 1887 / 1397  |
| Wheelbase                                   | mm                 | 2857  |
| Track, front/rear                           | mm                 | 1617 / 1605   |
| Ground clearance                            | mm                 | 120   |
| Turning circle                              | m                  | 12.2  |
| Fuel tank capacity                          | approx. ltr        | 59  |
| Engine oil <sup>1)</sup>                    | ltr                | 7.0   |
| Weight, unladen, to DIN/EU                  | kg                 | 1700 / 1775   |
| Max. load to DIN                            | kg                 | 455   |
| Max. permissible weight                     | kg                 | 2155  |
| Max. axle load, front/rear                  | kg                 | 1075 / 1135   |
| Max. trailer load,<br>braked (12%)/unbraked | kg                 | - / -   |
| Max. roof load/towbar download              | kg                 | 75 / -  |
| Luggage comp. capacity                      | ltr                | 440   |
| 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                          | cm <sup>3</sup>    | 2993  |
| Stroke/bore                                 | mm                 | 90.0 / 84.0   |
| Compression ratio                           | :1                 | 9.3   |
| Fuel  |                    | RON 98 (min RON 91)   |
| Max. output                                 | kW/hp              | 353 / 480   |
| at  | rpm                | 6250  |
| Max. torque                                 | Nm                 | 550   |
| at  | rpm                | 2650 – 6130   |
| <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, 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 at the front, crash sensors, tyre pressure indicator |
| Steering                                    |                    | Electromechanical rack-and-pinion power steering (EPS) with M specific Servotronic function and variable sport ratios   |
| Steering ratio, overall                     | :1                 | 15.0  |
| Tyres, front/rear                           |                    | 275/40 ZR18 103Y XL<br>285/35 ZR19 103Y XL  |
| Rims, front/rear                            |                    | 9.5J x 18 light-alloy<br>10.5J x 19 light-alloy   |

| <b>BMW M4 Coupé</b>   |   |                         |
|---|---|-------------------------|
| <b>Transmission</b>   |   |                         |
| Type of gearbox   | Six-speed manual  |                         |
| Gear ratios   | I :1  | 4.111                   |
|   | II :1   | 2.315                   |
|   | III :1  | 1.542                   |
|   | IV :1   | 1.179                   |
|   | V :1  | 1.000                   |
|   | VI :1   | 0.846                   |
|   | R :1  | 3.727                   |
| Final drive   | :1  | 3.462                   |
| <b>Performance</b>  |   |                         |
| Power-to-weight ratio (DIN)                                       | kg/kW   | 4.8                     |
| Output per litre  | kW/l  | 118.0                   |
| Acceleration 0–100 km/h   | s   | 4.2                     |
| Acceleration 80–120 km/h in 4 <sup>th</sup> /5 <sup>th</sup> gear | s   | 4.1 / 5.6               |
| Top speed   | km/h  | 250 / 290 <sup>2)</sup> |
| <b>BMW EfficientDynamics</b>                                      |   |                         |
| 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, rear differential with optimised efficiency, Lithium-Ion battery, optimized aerodynamic attributes |                         |
| <b>Fuel consumption EU cycle</b>                                  |   |                         |
| with standard tyres   |   |                         |
| Combined (WLTP)   | ltr/100   | 10.1 – 10.0             |
| Combined (NEDC)   | ltr/100   | –                       |
| CO <sub>2</sub> (WLTP)  | g/km  | 230 – 226               |
| CO <sub>2</sub> (NEDC)  | g/km  | –                       |
| Emission rating   |   | Euro 6e                 |

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

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

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

Official fuel consumption, CO<sub>2</sub> 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. Where a range is shown, the WLTP figures take into account the impact of any optional extras.

Only official figures based on the WLTP procedure are available for new models that have been type tested since 01.01.2021. In addition, according to EU Regulation 2022/195, the NEDC values will no longer be included in the EC certificates of conformity as of 01.01.2023. Further information on the WLTP and NEDC measurement procedures can also be found at [www.bmw.de/wltp](http://www.bmw.de/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-Scharnhausen and at <https://www.dat.de/co2/>.

# BMW M4 Coupé. M4 Competition.

| <b>BMW M4 Competition Coupé</b>             |                    |   |
|---|--------------------|---|
| <b>Body</b>                                 |                    |   |
| No. of doors/seats                          |                    | 2 / 4   |
| Length/width/height (unladen)               | mm                 | 4801 / 1887 / 1397  |
| Wheelbase                                   | mm                 | 2857  |
| Track, front/rear                           | mm                 | 1617 / 1605   |
| Ground clearance                            | mm                 | 120   |
| Turning circle                              | m                  | 12.2  |
| Fuel tank capacity                          | approx. ltr        | 59  |
| Engine oil <sup>1)</sup>                    | ltr                | 7.0   |
| Weight, unladen, to DIN/EU                  | kg                 | 1725 / 1800   |
| Max. load to DIN                            | kg                 | 430   |
| Max. permissible weight                     | kg                 | 2155  |
| Max. axle load, front/rear                  | kg                 | 1075 / 1135   |
| Max. trailer load,<br>braked (12%/unbraked) | kg                 | - / -   |
| Max. roof load/towbar download              | kg                 | 75 / -  |
| Luggage comp. capacity                      | ltr                | 440   |
| 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                          | cm <sup>3</sup>    | 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, 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 at the front, crash sensors, tyre pressure indicator |
| Steering                                    |                    | Electromechanical rack-and-pinion power steering (EPS) with M specific Servotronic function and variable sport ratios   |
| Steering ratio, overall                     | :1                 | 15.0  |
| Tyres, front/rear                           |                    | 275/40 ZR18 103Y XL<br>285/35 ZR19 103Y XL  |
| Rims, front/rear                            |                    | 9.5J x 18 light-alloy<br>10.5J x 19 light-alloy   |

**BMW M4 Competition Coupé**

**Transmission**

|                 |   |    |       |
|-----------------|---|----|-------|
| Type of gearbox | 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 | 4.6                     |
| Output per litre  | kW/l  | 125.3                   |
| Acceleration 0–100 km/h   | s     | 3.9                     |
| Acceleration 80–120 km/h in 4 <sup>th</sup> /5 <sup>th</sup> gear | s     | 2.6 / 3.4               |
| Top speed   | km/h  | 250 / 290 <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, rear differential with optimised efficiency, Lithium-Ion battery, optimized aerodynamic attributes |
|---|---|

**Fuel consumption EU cycle**

|                        |         |           |
|------------------------|---------|-----------|
| with standard tyres    |         |           |
| Combined (WLTP)        | ltr/100 | 9.9 – 9.7 |
| Combined (NEDC)        | ltr/100 | –         |
| CO <sub>2</sub> (WLTP) | g/km    | 223 – 219 |
| CO <sub>2</sub> (NEDC) | g/km    | –         |
| Emission rating        |         | Euro 6e   |

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

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

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

Official fuel consumption, CO<sub>2</sub> 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. Where a range is shown, the WLTP figures take into account the impact of any optional extras.

Only official figures based on the WLTP procedure are available for new models that have been type tested since 01.01.2021. In addition, according to EU Regulation 2022/195, the NEDC values will no longer be included in the EC certificates of conformity as of 01.01.2023. Further information on the WLTP and NEDC measurement procedures can also be found at [www.bmw.de/wltp](http://www.bmw.de/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-Scharnhausen and at <https://www.dat.de/co2/>.

# BMW M4 Coupé. M4 Competition with M xDrive.

| BMW M4 Competition Coupé with M xDrive      |                 |   |
|---|-----------------|---|
| <b>Body</b>                                 |                 |   |
| No. of doors/seats                          |                 | 2 / 4   |
| Length/width/height (unladen)               | mm              | 4801 / 1887 / 1398  |
| Wheelbase                                   | mm              | 2857  |
| Track, front/rear                           | mm              | 1617 / 1605   |
| Ground clearance                            | mm              | 121   |
| Turning circle                              | m               | 12.6  |
| Fuel tank capacity                          | approx. ltr     | 59  |
| Engine oil <sup>1)</sup>                    | ltr             | 7.0   |
| Weight, unladen, to DIN/EU                  | kg              | 1775 / 1850   |
| Max. load to DIN                            | kg              | 430   |
| Max. permissible weight                     | kg              | 2205  |
| Max. axle load, front/rear                  | kg              | 1120 / 1150   |
| Max. trailer load,<br>braked (12%/unbraked) | kg              | - / -   |
| Max. roof load/towbar download              | kg              | 75 / -  |
| Luggage comp. capacity                      | ltr             | 440   |
| Air resistance                              | $c_d \times A$  | 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                          | cm <sup>3</sup> | 2993  |
| Stroke/bore                                 | mm              | 90.0 / 84.0   |
| Compression ratio                           | :1              | 9.3   |
| Fuel  |                 | RON 98 (min RON 91)   |
| Max. output                                 | kW/hp           | 390 / 530   |
| at  | rpm             | 6250  |
| Max. torque                                 | Nm              | 650   |
| at  | rpm             | 2750 – 5730   |
| <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 allwheel drive, 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 at the front, crash sensors, tyre pressure indicator |
| Steering                                    |                 | Electromechanical rack-and-pinion power steering (EPS) with M specific Servotronic function and variable sport ratios   |
| Steering ratio, overall                     | :1              | 14.6  |
| Tyres, front/rear                           |                 | 275/35 ZR19 100Y XL<br>285/30 ZR20 99Y XL   |
| Rims, front/rear                            |                 | 9.5J x 19 light-alloy<br>10.5J x 20 light-alloy   |

**BMW M4 Competition Coupé with M xDrive**

**Transmission**

|                 |   |    |       |
|-----------------|---|----|-------|
| Type of gearbox | 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 | 4.6                     |
| Output per litre  | kW/l  | 130.3                   |
| Acceleration 0–100 km/h   | s     | 3.5                     |
| Acceleration 80–120 km/h in 4 <sup>th</sup> /5 <sup>th</sup> gear | s     | 2.6 / 3.4               |
| Top speed   | km/h  | 250 / 290 <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, optimized aerodynamic attributes |
|---|--|

**Fuel consumption EU cycle**

|                        |         |             |
|------------------------|---------|-------------|
| with standard tyres    |         |             |
| Combined (WLTP)        | ltr/100 | 10.1 – 10.0 |
| Combined (NEDC)        | ltr/100 | –           |
| CO <sub>2</sub> (WLTP) | g/km    | 229 – 226   |
| CO <sub>2</sub> (NEDC) | g/km    | –           |
| Emission rating        |         | Euro 6e     |

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

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

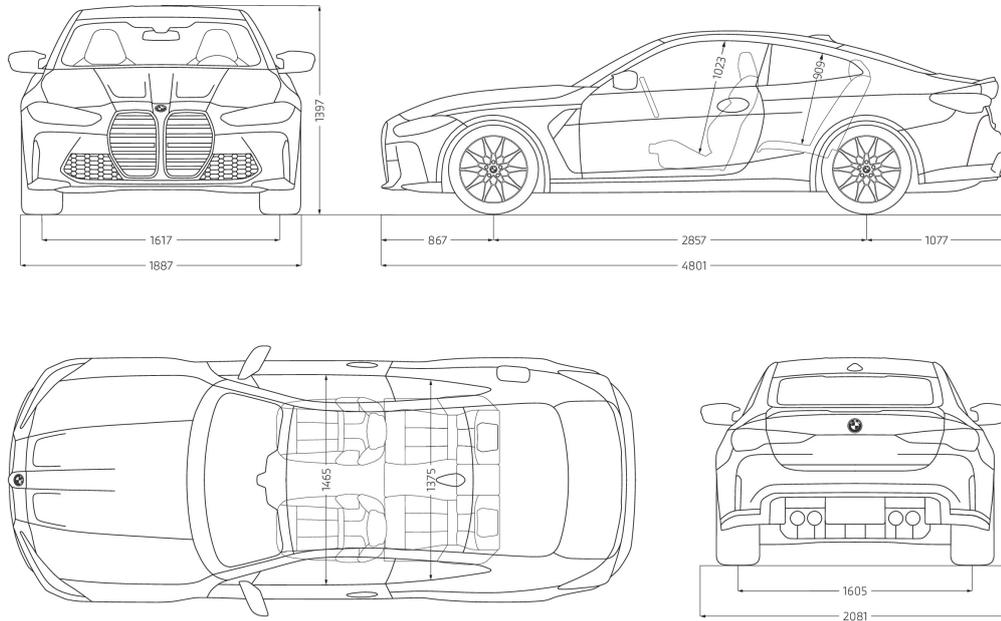
<sup>2)</sup> Limited / with optional M Driver's Package

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# Exterior and interior dimensions. BMW M4 Coupé.



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