

Specifications.

The BMW M4 Coupé.

M4.



| BMW M4 Coupé | | |
|-----------------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Body | | |
| No of doors/seats | | 2 / 4 |
| Length/width/height (unladen) | mm | 4794 / 1887 / 1393 |
| Wheelbase | mm | 2857 |
| Track, front/rear | mm | 1617 / 1605 |
| Ground clearance | mm | 120 |
| Turning circle | m | 12.2 |
| Fuel tank capacity | approx. l | 59 |
| Engine oil ¹⁾ | l | 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, braked (12%/unbraked) | kg | - / - |
| Max roofload/max towbar download | kg | 75 / - |
| Luggage comp capacity | l | 440 |
| Air resistance | c _d x A | 0.34 x 2.29 |
| 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, 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 | 353 / 480 |
| at | rpm | 6250 |
| Max torque | Nm | 550 |
| at | rpm | 2650 – 6130 |
| Electrical System | | |
| Battery/installation | Ah/- | 70 / luggage compartment |
| 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, Start-Off Assistant, Active M Differential, |
| Safety equipment | | Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags front and rear, 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 | | Electric Power Steering (EPS) with M-specific Servotronic function and variable sport ratio |
| Steering ratio, overall | :1 | 15.0 |
| Tyres, front/rear | | 275/40 ZR18 103Y XL 285/35 ZR19 103Y XL |
| Rims, front/rear | | 9.5J x 18 light-alloy 10.5J x 19 light-alloy |

| BMW M4 Coupé | | | |
|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-------------------------|
| Transmission | | | |
| Type of transmission | 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 |
| Performance | | | |
| 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 4th/5th gear | | s | 4.1 / 5.6 |
| Top speed | km/h | | 250 / 290 ²⁾ |
| BMW EfficientDynamics | | | |
| BMW EfficientDynamics standard features | Brake Energy Regeneration, Electric Power Steering, Auto Start Stop function, Optimum Shift Indicator, BMW EfficientLightweight, on-demand operation of ancillary units, map-regulated oil pump, rear differential with optimised efficiency, Li-ion battery, optimised aerodynamic attributes | | |
| Fuel Consumption ECE | | | |
| with standard tyres | | | |
| Urban | l/100 km | | 16,0 |
| Extra-urban | l/100 km | | 7.8 |
| Combined | l/100 km | | 10.8 |
| CO ₂ | g/km | | 248 |
| Emission rating | | | Euro 6d |

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

¹⁾ Oil change with filter

²⁾ Limited / with optional M Driver's Package

The fuel consumption, CO₂ emission and electric power consumption figures are determined according to the European Regulation (EC) 2007/715 in the version applicable. The figures refer to a vehicle with basic configuration in Germany. The range shown considers the different sizes of the selected wheels/tyres and the selected items of optional equipment, and may vary during configuration.

The values are based on the new WLTP test cycle and are translated back into NEDC-equivalent values in order to ensure comparability between the vehicles. With respect to these vehicles, for vehicle-related taxes or other duties based (at least inter alia) on CO₂ emissions, the CO₂ values may differ from the values stated here (depending on national legislation).

Further information on official fuel consumption figures and specific CO₂ emission values of new passenger cars is included in the following guideline: 'Leitfaden über den Kraftstoffverbrauch, die CO₂-Emissionen und den Stromverbrauch neuer Personenkraftwagen' (Guide to the fuel economy, CO₂ 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/>.

The BMW M4 Coupé. M4 Competition.

| BMW M4 Competition Coupé | | |
|-----------------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Body | | |
| No of doors/seats | | 2 / 4 |
| Length/width/height (unladen) | mm | 4794 / 1887 / 1393 |
| Wheelbase | mm | 2857 |
| Track, front/rear | mm | 1617 / 1605 |
| Ground clearance | mm | 120 |
| Turning circle | m | 12.2 |
| Fuel tank capacity | approx. l | 59 |
| Engine oil ¹⁾ | l | 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, braked (12%/unbraked) | kg | - / - |
| Max roofload/max towbar download | kg | 75 / - |
| Luggage comp capacity | l | 440 |
| Air resistance | c _d x A | 0.34 x 2.29 |
| 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, 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 |
| Electrical System | | |
| Battery/installation | Ah/- | 70 / luggage compartment |
| 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, Start-Off Assistant, Active M Differential, |
| Safety equipment | | Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags front and rear, 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 | | Electric Power Steering (EPS) with M-specific Servotronic function and variable sport ratio |
| Steering ratio, overall | :1 | 15.0 |
| Tyres, front/rear | | 275/40 ZR18 103Y XL 285/35 ZR19 103Y XL |
| Rims, front/rear | | 9.5J x 18 light-alloy 10.5J x 19 light-alloy |

BMW M4 Competition Coupé

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 | 4.6 |
| Output per litre | kW/l | 125.3 |
| Acceleration 0–100 km/h | s | 3.9 |
| Acceleration 80–120 km/h in 4th/5th gear | s | 2.6 / 3.4 |
| Top speed | km/h | 250 / 290 ²⁾ |

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-regulated oil pump, rear differential with optimised efficiency, Li-ion battery, optimised aerodynamic attributes |
|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Fuel Consumption ECE

| | | |
|---------------------|----------|---------|
| with standard tyres | | |
| Urban | l/100 km | 14.6 |
| Extra-urban | l/100 km | 7.6 |
| Combined | l/100 km | 10.2 |
| CO ₂ | g/km | 234 |
| Emission rating | | Euro 6d |

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

¹⁾ Oil change with filter

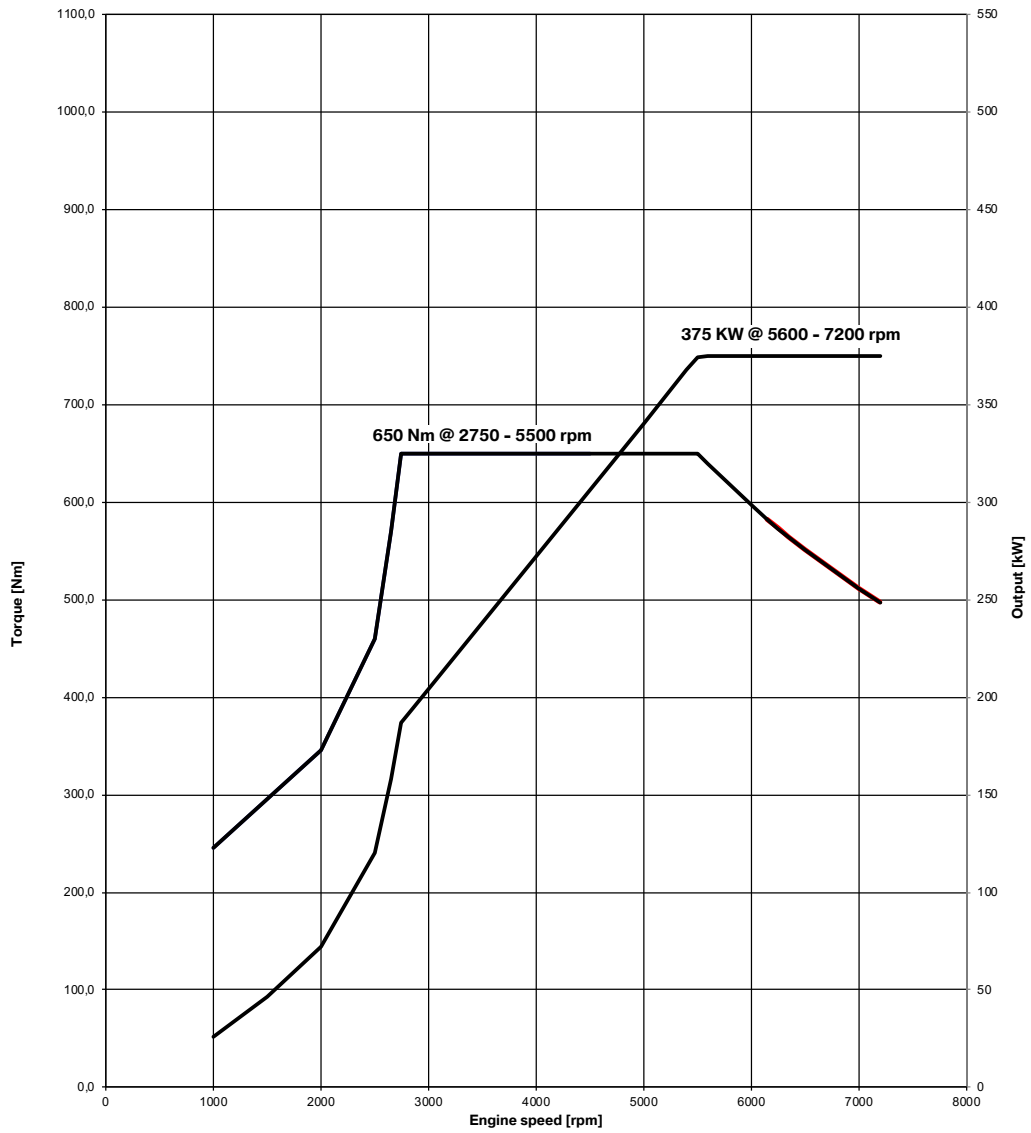
²⁾ Limited / with optional M Driver's Package

The fuel consumption, CO₂ emission and electric power consumption figures are determined according to the European Regulation (EC) 2007/7/15 in the version applicable. The figures refer to a vehicle with basic configuration in Germany. The range shown considers the different sizes of the selected wheels/tyres and the selected items of optional equipment, and may vary during configuration.

The values are based on the new WLTP test cycle and are translated back into NEDC-equivalent values in order to ensure comparability between the vehicles. With respect to these vehicles, for vehicle-related taxes or other duties based (at least inter alia) on CO₂ emissions, the CO₂ values may differ from the values stated here (depending on national legislation).

Further information on official fuel consumption figures and specific CO₂ emission values of new passenger cars is included in the following guideline: 'Leitfaden über den Kraftstoffverbrauch, die CO₂-Emissionen und den Stromverbrauch neuer Personenkraftwagen' (Guide to the fuel economy, CO₂ 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/>.

Output and torque diagrams. The new BMW M4 Coupé. M4.



Exterior and interior dimensions. The BMW M4 Coupé. M4.

