

# Specifications.

## BMW M4 Coupé.

## BMW M4 Coupé.



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, 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 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 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
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 4 <sup>th</sup> /5 <sup>th</sup> gear	s		4.1 / 5.6
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		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-Schornhausen and at <https://www.dat.de/co2/>.

# BMW M4 Coupé. BMW M4 Competition Coupé.

BMW M4 Competition 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	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. 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 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 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. BMW M4 Competition Coupé 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, 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 285/30 ZR20 99Y XL
Rims, front/rear		9.5J x 19 light-alloy 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

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/>.