

# Technical specifications.

## BMW M4 Coupé.

### M4 CSL.



BMW  
Media  
information

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BMW M4 CSL		
<b>Body</b>		
No of doors/seats		2 / 2
Length/width/height (unladen)	mm	4794 / 1921 / 1386
Wheelbase	mm	2857
Track, front/rear	mm	1623 / 1609
Ground clearance	mm	113
Turning circle	m	12.2
Fuel tank capacity	approx. l	59
Engine oil <sup>1)</sup>	l	7.0
Weight, unladen, to DIN/EU	kg	1625 / 1700
Max load to DIN	kg	345
Max permissible weight	kg	1970
Max axle load, front/rear	kg	1010 / 1020
Max trailer load, braked (12%/unbraked)	kg	- / -
Max roofload/max to wbar download	kg	75 / -
Luggage comp capacity	l	440
<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 control 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	405 / 550
at	rpm	6250
Max torque	Nm	650
at	rpm	2750 - 5950
<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 elastokinematics
Brakes, front		M Carbon ceramic brakes, vented, with six-piston fixed callipers
Brakes, rear		M Carbon ceramic 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 passenger, side airbags for driver and passenger, head airbags, three-point inertia-reel seat belts with belt stopper, belt tensioner and belt force limiter, 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		275/35 ZR19 100Y XL 285/30 ZR20 99Y XL
Rims, front/rear		9.5J x 19 light-alloy 10.5J x 20 light-alloy

<b>BMW M4 CSL</b>			
<b>Transmission</b>			
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
<b>Performance</b>			
Power-to-weight ratio (DIN)	kg/kW		4.01
Output per litre	kW/l		135.3
Acceleration	0–100 km/h	s	3.7
Acceleration	0–200 km/h	s	10.7
Top speed	km/h		307
<b>BMW EfficientDynamics</b>			
BMW EfficientDynamics standard features	Brake Energy Regeneration, Electric Power Steering (EPS), Auto Start Stop function, Optimum Shift Indicator, BMW EfficientLightweight, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-up behaviour, Li-ion battery, optimised aerodynamic attributes		
<b>Fuel Consumption ECE</b>			
Combined (WLTP)	l/100 km		10.1 – 9.8
Combined (NEDC)	l/100 km		–
CO <sub>2</sub> (WLTP)	g/km		227 – 222
CO <sub>2</sub> (NEDC)	g/km		–
Emission rating			Euro 6d

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

<sup>1)</sup> Oil change with filter

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. 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 CO<sub>2</sub> 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](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/>.