

Specifications.

The new BMW M4 CS.



BMW M4 CS		
Body		
No of doors/seats		2/4
Length/width/height (unladen)	mm	4672/1870/1392
Wheelbase	mm	2812
Track, front/rear	mm	1579/1604
Ground clearance	mm	121
Turning circle	m	12.2
Fuel tank capacity	approx. l	60
Cooling system incl. heater	l	10.0
Engine oil ¹⁾	l	6.5
Weight, unladen, to EU (excl. driver/incl. driver)	kg	1580/1655
Max load to EU	kg	460
Max permissible weight	kg	2040
Max axle load, front/rear	kg	970/1130
Max trailer load,	kg	---/---
Braked (12%)/unbraked		
Max roofload/max towbar download	kg	75/---
Luggage comp capacity	l	445
Air resistance	C _d x A	0.36 x 2.25
Power Unit		
Config/No of cyls/valves		In-line/6/4
Engine technology	M TwinPower Turbo technology: two mono-scroll turbochargers, High Precision Injection, VALVETRONIC fully variable valve timing, Double-VANOS variable camshaft timing	
Effective capacity	cc	2979
Stroke/bore	mm	89.6/84.0
Compression ratio	:1	10.2
Fuel		RON95 – RON98 (rec.)
Max output	kW/hp	338/460
at	rpm	6250
Max torque	Nm/lb-ft	600/442
at	rpm	4000 – 5380
Electrical System		
Battery/installation	Ah/–	69/Luggage compartment
Alternator	A/W	209/2926
Driving Dynamics and Safety		
Suspension, front	Adaptive M suspension with aluminium double-joint spring-strut axle and M-specific elastokinematics	
Suspension, rear	Adaptive M suspension with five-link axle in lightweight aluminium construction	
Brakes, front	M compound brakes, vented, with four-piston fixed callipers	
Brakes, rear	M compound brakes, vented, with two-piston fixed callipers	
Driving stability systems	Standard: DSC incl. ABS and M Dynamic Mode, CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Start-Off Assistant, Active M Differential linked to Integrated Chassis Management (ICM)	
Safety equipment	Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for front seats, three-point inertia-reel seatbelts on all seats with belt stopper, belt latch tensioner and belt force limiter	
Steering	Electric Power Steering (EPS) with M-specific Servotronic function	
Steering ratio, overall	:1	15.0
Tyres, front/rear		265/35 ZR 19 98Y 285/30 ZR 20 99Y
Rims, front/rear		9 J x 19 Light Alloy 10 J x 20 Light Alloy

BMW M4 CS			
Transmission			
Type of transmission		Seven-speed M Double Clutch Transmission (M DCT) with Drivelogic	
Gear ratios	I	:1	4.806
	II	:1	2.593
	III	:1	1.701
	IV	:1	1.277
	V	:1	1.000
	VI	:1	0.844
	VII	:1	0.671
	VIII	:1	-----
	R	:1	4.172
Final drive		:1	3.462
Performance			
Power-to-weight ratio		kg/kW	4.7
EU excl. driver			
Output per litre		kW/l	113.5
Acceleration	0–100 km/h	s	3.9
In 4th/5th gear	80–120 km/h	s	3.4/4.3
Top speed		km/h	280 ²⁾
BMW EfficientDynamics			
BMW EfficientDynamics standard features		Brake Energy Regeneration, Electric Power Steering, Auto Start Stop function, Optimum Shift Indicator in manual shift mode, intelligent lightweight design, on-demand operation of ancillary units, li-ion battery; map-regulated oil pump, differential with optimised warm-up behaviour, aerodynamics (underside panelling, front spoiler, boot lid with Gurney)	
Fuel Consumption ECE ³⁾			
With standard tyres:			
Urban	l/100km		11.2
Extra-urban	l/100km		6.8
Combined	l/100km		8.4
CO ₂	g/km		197
Emission rating		EU6	

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

¹⁾ Oil change with filter

²⁾ Limited, with standard M Driver's Package

³⁾ Provisional fuel consumption and CO₂ emissions depend on the selected tyre format

Further information on official fuel consumption figures, specific CO₂ emission values and the electric power consumption of new passenger cars is included in the following guideline: "Leitfaden über Kraftstoffverbrauch, die CO₂-Emissionen und den Stromverbrauch neuer Personenkraftwagen" (Guideline for fuel consumption, CO₂ emissions and electric power consumption of new passenger cars), which can be obtained from all dealerships, from Deutsche Automobil Treuhand GmbH (DAT), Hellmuth-Hirth-Str. 1, 73760 Ostfildern-Scharnhausen and at <http://www.dat.de/en/offers/publications/guideline-for-fuel-consumption.html>.

Output and torque diagram. The new BMW M4 CS.

