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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. I	60
Cooling system incl. heater	1	10.0
Engine oil ¹⁾	I	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		970/1130
Max trailer load,	kgkg	<u> </u>
Braked (12%)/unbraked	kg	/
Max roofload/max towbar	kg	75/
download		·
Luggage comp capacity	<u> </u>	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	N	I 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 Safe	ety	
Suspension, front		Adaptive M suspension with aluminium double-joint spring-strut axle and M- specific elastokinematics
Suspension, rear	P	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	S	tandard: DSC incl. ABS and M Dynamic Mode, CBC (Cornering Brake Control),
5	[DBC (Dynamic Brake Control), Dry Braking function, Start-Off Assistant, Active M Differential linked to Integrated Chassis Management (ICM)
Safety equipment		tandard: 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		200,00 2.1 20 001
		9 J x 19 Light Alloy
		10 J x 20 Light Alloy

			BMW M4 CS
Transmission			
Type of transmi	ssion		Seven-speed M Double Clutch Transmission (M DCT) with Drivelogic
Gear ratios	I	:1	4.806
	<u>II</u>	: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-weigh	nt 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 Efficient			
BMW EfficientDynamics			Brake Energy Regeneration, Electric Power Steering, Auto Start Stop function,
standard features			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 Consump	tion ECE3)		
With standard ty			
Urban	/I 65.	l/100km	11.2
Extra-urban		1/100km	6.8
Combined		1/100km	8.4
CO ₂		g/km	197
Emission rating		gritti	EU6
Linission rating			LOU

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

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 Stromwerbrauch 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-Schamhausen and at http://www.dat.de/en/offers/publications/guideline-for-fuel-consumption.html.

 $^{^{1)}}$ Oil change with filter $^{2)}$ Limited, with standard M Driver's Package $^{3)}$ Provisional fuel consumption and CO $_2$ emissions depend on the selected tyre format

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Output and torque diagram. The new BMW M4 CS.



