

Specifications.

BMW 1 Series M Coupe.



BMW 1 Series M Coupe		
Body		
No. of doors/seats		2 / 4
Length/width/height (unladen)	mm	4380 / 1803 / 1420 ¹⁾
Wheelbase	mm	2660
Track width front/rear	mm	1541 / 1541
Ground clearance	mm	120
Turning circle	m	11.5
Fuel tank capacity	approx. l	53
Cooling system incl. heating	l	10.4
Engine oil ²⁾	l	6.5
Unladen weight according to	kg	1495 / 1570
Payload according to DIN	kg	405
Permitted total weight	kg	1900
Permitted axle load front/rear	kg	940 / 1030
Permitted axle load (12 %) braked/unbraked	kg	- / -
Permitted roof load/towbar download	kg	75 / -
Luggage compartment volume	l	370
Air drag	c _x x A	0.37 x 2.15
Engine		
Type/no. cylinders/valves		in-line / 6 / 4
Engine technology		M TwinPower Turbo Technology with two turbochargers direct fuel injection (High Precision Injection) and double-VANOS
Capacity, effective	cc	2979
Stroke/bore	mm	89.6 / 84.0
Compression	:1	10.2
Fuel		min. RON 91
Output	kW/bhp	250 / 340
at engine speed	rpm	5900
Torque	Nm	450 + 50 (with overboost)
at engine speed	rpm	1500 – 4500
Electrical system		
Battery/location	Ah/-	70 / luggage compartment
Alternator	A/W	180 / 2520
Driving dynamics and safety		
Front wheel suspension		Aluminium double pivot spring-strut front axle with trailing link; small positive kingpin offset; lateral force compensation; brake dive reduction
Rear wheel suspension		Five-link axle in lightweight construction with drive-off and brake dive compensation
Brake, front		Single piston floating caliper compound disc brakes
Diameter	mm	360 x 30, vented and perforated
Brake, rear		Single piston floating caliper compound disc brakes
Diameter	mm	350 x 24, vented and perforated
Driving stability systems		Standard: DSC incl. ABS and M Dynamic Mode (MDM), Cornering Brake Control CBC, brake assistant DBC, dry brake function, fading compensation, drive-off assistant, variable M differential lock
Safety features		Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for the front and rear seats, crash-active headrests at front, three-point automatic seat belts for all seats, at front with belt tensioner, belt force limiter and belt stopper, crash sensors, tyre damage display
Steering		Rack-and-pinion with hydraulic support and M Servotronic function
Total steering transmission	:1	12.5
Tyres, front/rear		245 / 35R19 93Y XL/ 265 / 35R19 98Y XL
Rims, front/rear		9J x 19 EH2 IS 31 cast aluminium / 10J x 19 EH2 IS 25 cast aluminium



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BMW ConnectedDrive

Comfort	Special equipment features: BMW Assist incl. information service, remote functions and Real-Time Traffic Information, BMW TeleServices, integration of mobile devices
Infotainment	Special equipment features: internet access, BMW Online incl. parking info, country info, Google Local Search, news, weather, Realtime, BMW routes, office functions, Bluetooth audio streaming, online music title update, Apps
Safety	Special equipment features: Adaptive Headlights with cornering light, variable light distribution and adaptive headlight beam throw adjustment, high beam assistant, Park Distance Control, cruise control, automatic/extended emergency call

Gearbox

Transmission type	6-speed manual transmission		
Gear ratio	I	:1	4.110
	II	:1	2.315
	III	:1	1.542
	IV	:1	1.179
	V	:1	1.000
	VI	:1	0.846
	R	:1	3.727
Differential ratio		:1	3.154

Performance

Power-to-weight	kg/kW (kg/bhp)	6.0 (4.4)	
Power output per litre	kW/l (bhp/l)	83.9 (114.1)	
Acceleration 0 - 100 km/h	s	4.9	
Acceleration 0 - 200 km/h	s	17.3	
	0-1000 m	s	23.7
in 4th/5th gear	80-120 km/h	s	4.1 / 4.9
Max. speed	km/h	250 ³⁾	

BMW EfficientDynamics

BMW EfficientDynamics measures as standard	Brake energy regeneration, gear shift indicator, on-demand operation of auxiliary units, intelligent lightweight construction, rear axle final drive with optimised warm-up properties, aerodynamic optimisation including air curtains
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Fuel consumption in EU cycle

urban	l/100 km	13.6
extra-urban	l/100 km	7.3
Total	l/100 km	9.6
CO ₂	g/km	224
Emissions classification		EU5

Technical specifications apply to ACEA markets/registration-related data applies to Germany only in some cases (weights, max. speed)

- 1) Height with roof aerial
- 2) Oil change quantity
- 3) Electronically cut off