

BMW M135i.

		BMW M135i
Body		
Number of doors/seats		3 / 4 (5)
Length/Width/Height (unladen)	mm	4340 / 1765 / 1411
Wheelbase	mm	2690
Track front/rear	mm	1512 / 1532
Ground clearance	mm	130
Turning circle	m	10.9
Tank capacity	approx. l	52
Cooling system incl. heating	l	6.7 (7.2)
Engine oil ¹⁾	l	6.5
Weight, unladen, to DIN/EU	kg	1425 / 1500 (1440 / 1515)
Max. load to DIN	kg	530
Max. perm. weight, overall	kg	1955 (1970)
Max perm axle load front/rear	kg	950 (960) / 1110
Max perm trailer load (12%) braked/unbraked	kg	- / -
Perm roof load/trail download	kg	75 / -
Luggage capacity	L	360 – 1200
Air resistance	c _x x A	0.33 x 2.14
Engine		
Configuration/No. of cyls. /valves		R / 6 / 4
Engine technology		BMW TwinPower Turbo technology with Twin Scroll turbocharger, direct injection system High Precision Injection, fully variable valve control (VALVETRONIC) and double VANOS variable camshaft timing
Capacity	cc	2979
Stroke/bore	mm	89.6 / 84.0
Compression ratio	:1	10.2
Fuel grade		At least ROZ 91
Max output	kW/hp	235 / 320
at	rpm	5800
Max torque (with overboost)	Nm	450
at	rpm	1300 – 4500
Electrical system		
Battery/installation	Ah/-	80 / luggage comp
Alternator	AW	210 / 2940
Driving dynamics and safety		
Suspension, front		Double-joint spring-strut axle, aluminium with M-specific geometry
Suspension, rear		Five-link rear axle, light steel, with double elastic bearings
Brakes, front		Four-piston aluminium floating-calliper
Diameter	mm	³⁾ / vented
Brakes, rear		Two-piston aluminium floating-calliper
Diameter	mm	³⁾ / vented
Driving stability systems		Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant
Safety features		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 latch tensioner and belt force limiter integrated in the front seats, crash sensors, Tyre
Steering		Electric Power Steering (EPS), variable sports steering
Overall steering transmission	:1	15.0
Tyres front/rear		225/40 R18 88Y/ 245/35 R18 88Y
Wheels front/rear		7.5J x 18 LM/ 8J x 18 LM

BMW ConnectedDrive

Comfort	Optional: BMW Assist incl. Enquiry Service, remote-control functions and V-Info+ (Traffic Info plus), Real-Time Traffic Information, BMW TeleServices, integration of mobile devices
Infotainment	Optional: Internet access, BMW Online incl. Park Info, National Info, Google Local Search, News, Real-Time Weather, BMW Routes, Office functions, Bluetooth Audio Streaming, Online Update Music Tracks, Apps
Safety	Optional: Adaptive Headlights with cornering lights, variable light distribution and adaptive headlight range control, High Beam Assistant, Park Distance Control, rear-view camera, Active Cruise Control with braking function, Parking Assistant, Lane Departure Warning with rear-end collision warning, Speed Limit Info incl. No Passing Info, Automatic/Advanced Emergency Call

Transmission

Type	Six-speed manual (optional: eight-speed automatic with Steptronic)	
Gear ratios	I	4.110 (4.714)
	II :1	2.315 (3.143)
	III :1	1.542 (2.106)
	IV :1	1.179 (1.667)
	V :1	1.000 (1.285)
	VI :1	0.846 (1.000)
	VII :1	- (0.839)
	VIII :1	- (0.667)
	R	3.727 (3.295)
Final drive	:1	3.077 (3.077)

Performance

Power-to-weight ratio	kg/kW	6.1 (6.1)
Output per litre	kW/l	78.9
Acceleration	0–100 km/h	s
	0–1000 m	s
In 4th gear	80–120 km/h	s
Top speed	km/h	250 (250)

BMW EfficientDynamics

BMW EfficientDynamics measures as standard	Brake Energy Regeneration, Electric Power Steering (EPS), Auto Start Stop function, gear shift indicator (manual transmission), ECO PRO mode, intelligent lightweight construction, on-demand operation of ancillary units, air flap control, map-controlled oil pump, final drive with optimised warm-up behaviour, tyres with reduced rolling resistance
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Fuel consumption EU

Urban	l/100 km	11.2 (10.3)
Extra-urban	l/100 km	6.2 (5.8)
Composite	l/100 km	8.0 (7.5)
CO ₂	g/km	188 (175)
Emissions classification		EU5

Insurance category

KH / VK / TK	3)	3)
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Technical data valid for ACEA markets/part of data relevant to homologation only apply to Germany (weights)
Figures in parentheses apply to automatic transmission

¹⁾ Height including roof fin: 1440 mm

²⁾ Oil change quantity

³⁾ Information not yet available

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