

Specifications.

The new BMW 1 Series 5 Door Hatch.

M135i



BMW M135i			
Body			
No. of doors/seats			5 / 5
L/W/H ¹⁾ (unladen)	mm		4340 / 1765 / 1411
Wheelbase	mm		2690
Front/rear track	mm		1512 / 1532
Ground clearance	mm		130
Turning circle	m		10.9
Fuel capacity	approx. l		52
Cooling and heating system reservoir capacity	l		6.7 (7.2)
Engine oil capacity ²⁾	l		6.5
Weight, unladen (DIN/EU)	kg		1430 / 1505 (1445 / 1520)
Payload (DIN)	kg		530
Permitted total weight	kg		1960 (1975)
Permitted axle load, front/rear	kg		950 (960) / 1110
Permitted trailer load (12%) braked/unbraked	kg		- / -
Permitted roof load/trailer download	kg		75 / -
Luggage compartment capacity	l		360 – 1200
Aerodynamic drag	c _d x A		0.33 x 2.14
Engine			
Type/no. of cylinders/valves			in-line / 6 / 4
Engine technology		M TwinPower Turbo technology with twin-scroll turbocharger, High Precision Injection, VALVETRONIC fully variable valve control and Double-VANOS variable camshaft control	
Effective capacity	cc		2979
Stroke/bore	mm		89.6 / 84.0
Compression ratio	:1		10.2
Fuel type			min. RON 91
Output	kW/hp		235 / 320
at rpm	min ⁻¹		5800
Torque (with overboost)	Nm		450
at rpm	min ⁻¹		1250-5000
Electrical			
Battery charge/location	Ah/-		80 / luggage compartment
Alternator current/output	AW		210 / 2940
Driving Dynamics and Safety			
Front suspension		Aluminium double-joint cross-strut axle with M-specific elastokinematics	
Rear suspension		Lightweight steel five-link with double elastic bearing	
Front brakes		Four-piston floating-calliper disc brakes	
Diameter	mm		³⁾ /air-cooled
Rear brakes		Two-piston floating-calliper disc brakes	
Diameter	mm		³⁾ /air-cooled
Driving stability systems		As standard: DSC inc. ABS, ASC and DTC (Dynamic Traction Control), CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying function, fading compensation, hill assist	
Safety equipment		As standard: driver and front-seat passenger airbags, driver and front-seat passenger side airbags, front and rear head airbags, three-point automatic seatbelts for all seats, seatbelt tensioners and seatbelt force limiters in front seats, crash sensors, tyre pressure warning	
Steering		Electromechanical power steering (EPS), Variable Sport Steering	
Overall steering ratio	:1		15.0
Front/rear tyres			225/40 R18 88Y/ 245/35 R18 88Y
Front/rear wheels			7.5J x 18 light-alloy/ 8J x 18 light-alloy

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BMW ConnectedDrive

Comfort	Optional: BMW Assist including information service, remote functions, Real Time Traffic Information, BMW TeleServices, mobile device integration
Information and entertainment	Optional: Internet connectivity, BMW Online including parking information, country information, Google business search, news, real-time weather, BMW Routes, office functions, Bluetooth audio streaming, online music title update, apps
Safety	Optional: Adaptive Headlights with turning lights, variable light distribution, Adaptive Headlight range adjustment, high beam assistance, park distance control, reversing camera, cruise control with brake function, parking assistant, Lane Departure Warning with Collision Warning, speed limit and no passing information, extended emergency call

Transmission

Type of gearbox	6-speed manual (optional: 8-speed automatic with Steptronic)		
Gear ratios	I	:1	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	:1	3.727 (3.295)
Differential ratio		:1	3.077 (3.077)

Performance

Weight-to-power ratio (DIN)	kg/kW	6.1 (6.1)
Specific power output	kW/l	78.9
Acceleration 0–100 km/h	sec.	5.1 (4.9)
0–1,000 m	sec.	23.9 (23.8)
in 4th/5th gear 80–120 km/h	sec.	4.3 / 5.0
Max. speed	km/h	250 (250)

BMW EfficientDynamics

BMW EfficientDynamics Features included as standard	Brake Energy Regeneration, electromechanical power steering, Automatic Start/Stop function, gear shift indicator (manual), ECO PRO mode, intelligent lightweight construction, automatically disconnecting ancillary components, map-regulated oil pump, differential with optimized-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)
Total	l/100 km	8.0 (7.5)
CO ₂ emissions	g/km	188 (175)
Emissions standard		EU5

Technical data valid for ACEA countries/Some permitted weights valid only for Germany
Figures in brackets are for vehicles with automatic transmission

- ¹⁾ Height with roof aerial: 1430 mm
²⁾ Oil change volume
³⁾ Not yet available