

Specifications.

BMW 1 Series 5 Door Hatch.

M135i xDrive



BMW M135i xDrive		
Body		
Number of doors/seats		5 / 5
Length/Width/Height ¹⁾ (unladen)	mm	4340 / 1765 / 1411
Wheelbase	mm	2690
Track front/rear	mm	1512 / 1532
Ground clearance	mm	130
Turning circle	m	11.3
Tank capacity	approx. l	52
Cooling system incl. heating	l	7.2
Engine oil ²⁾	l	6.5
Weight, unladen, to DINEU	kg	1520 / 1595
Max. load to DIN	kg	530
Max. perm. weight, overall	kg	2050
Max perm axle load front/rear	kg	1010 / 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	0.34 x 2.14
Engine		
Configuration/No. of cyls. /valves		R / 6 / 4
Engine technology	M 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	Nm	450
at	rpm	1300 – 4500
Electrical system		
Battery/installation	Ah/-	80 / luggage comp
Alternator	A/W	170 / 2380
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, DSC networked with xDrive all-wheel-drive system within the Integrated Chassis Management	
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 Defect Indicator	
Steering	Electric Power Steering (EPS), variable sports steering	
Overall steering transmission	:1	14.6
Tyres front/rear		225/40 R18 88Y/ 245/35 R18 92Y XL
Wheels front/rear		7.5J x 18 LM/ 8J x 18 LM

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BMW ConnectedDrive			
Comfort		Optional: BMW Assist incl. Enquiry Service, remote-control functions, 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		eight-speed automatic with Steptronic	
Gear ratios	I		4.714
	II	:1	3.143
	III	:1	2.106
	IV	:1	1.667
	V	:1	1.285
	VI	:1	1.000
	VII	:1	0.839
	VIII	:1	0.667
	R	:1	3.295
Final drive		:1	3.077
Performance			
Power-to-weight ratio (DIN)		kg/kW	6.5
Output per litre		kW/l	78.9
Acceleration	0–100 km/h	s	4.7
	0–1000 m	s	23.6
In 4 th /5 th gear	80–120 km/h	s	– / –
Top speed		km/h	250
BMW EfficientDynamics			
BMW EfficientDynamics measures as standard		Brake Energy Regeneration, Electric Power Steering (EPS), Auto Start Stop function, 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, weight and efficiency-optimised power divider	
Fuel consumption EU			
Urban		l/100 km	10.8
Extra-urban		l/100 km	6.1
Composite		l/100 km	7.8
CO ₂		g/km	182
Emissions classification			EU5

Technical data valid for ACEA markets/part of data relevant to homologation only apply to Germany (weights)

¹⁾ Height including roof fin: 1430 mm

²⁾ Oil change quantity

³⁾ Information not yet available