

Specifications. The new BMW 1 Series. 125d



BMW 125d		
Body		
No. of doors/seats		5 / 5
L/W/H ¹⁾ (unladen)	mm	4324 / 1765 / 1421
Wheelbase	mm	2690
Front/rear track	mm	1521 / 1556
Ground clearance	mm	140
Turning circle	m	10.9
Fuel capacity	approx. l	52
Cooling and heating system	l	7.0
Engine oil capacity ²⁾	l	5.2
Weight, unladen (DIN/EU)	kg	1390 / 1465 (1405 / 1480)
Payload (DIN)	kg	530
Permitted total weight	kg	1920 (1935)
Permitted axle load, front/rear	kg	890 / 1085 (895 / 1090)
Permitted trailer load (12%) braked/unbraked	kg	1200/740
Permitted roof load/trailer download	kg	75/75
Luggage compartment capacity	l	360 – 1200
Aerodynamic drag	c _x x A	0.31 x 2.14
Engine		
Type/no. of cylinders/valves		in-line / 4 / 4
Engine technology	BMW TwinPower Turbo technology: multi-stage charging with two turbochargers, common-rail direct fuel injection with piezo injectors, maximum injection pressure 1800 bar	
Effective capacity	cc	1995
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel type		Diesel
Output	kW/hp	160 / 218
at rpm	min ⁻¹	4400
Torque	Nm	450
at rpm	min ⁻¹	1500 – 2500
Electrical		
Battery charge/location	Ah/–	80 / luggage compartment
Alternator current/output	A/W	180 / 2520
Driving Dynamics and Safety		
Front suspension	Aluminium double-link hinged-tiebar sprung axle	
Rear suspension	Five-link, double elastic bearing lightweight steel axle	
Front brakes	Single-piston floating-caliper disc brakes	
Diameter	mm	³⁾ / vented
Rear brakes	Single-piston floating-caliper disc brakes	
Diameter	mm	³⁾ / vented
Driving stability systems	As standard: DSC inc. ABS, ASC and DTC Dynamic Traction Control, CBC Corner Braking 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) Optional: Servotronic function, Variable Sport Steering	
Overall steering ratio	:1	15.0
Front/rear tyres		205/50 R17 89W
Front/rear wheels		7J x 17 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 light, 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	2.248 (3.143)
	III	:1	1.403 (2.106)
	IV	:1	1.000 (1.667)
	V	:1	0.802 (1.285)
	VI	:1	0.659 (1.000)
	VII	:1	– (0.839)
	VIII	:1	– (0.667)
	R	:1	3.727 (3.295)
Differential ratio		:1	3.385 (2.647)
Performance			
Weight-to-power ratio (DIN unladen)		kg/kW	8.7 (8.8)
Specific power output		kW/l	80.2
Acceleration	0–100 km/h	sec.	6.5 (6.5)
	0–1,000 m	sec.	26.2 (26.3)
in 4th/5th gear	80–120 km/h	sec.	5.0 / 6.5
Max. speed		km/h	240 (240)
BMW EfficientDynamics			
BMW EfficientDynamics Features included as standard		Braking 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	
Fuel consumption (EU)			
Urban	l/100 km		6.0 (5.7)
Extra-urban	l/100 km		4.3 (4.2)
Combined	l/100 km		4.9 (4.8)
CO ₂	g/km		129 (126)
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: 1440 mm
²⁾ Oil change volume
³⁾ Not yet available