

Specifications.

The new BMW 1 Series 3 Door Hatch.

116d, 118d, 125d



		BMW 116d	BMW 118d	BMW 125d
Body				
Number of doors/seats		3 / 4 (5)	3 / 4 (5)	3 / 4 (5)
Length/Width/Height ¹⁾ (unladen)	mm	4324 / 1765 / 1421	4324 / 1765 / 1421	4324 / 1765 / 1421
Wheelbase	mm	2690	2690	2690
Track front/rear	mm	1535 / 1569	1535 / 1569	1521 / 1556
Ground clearance	mm	140	140	140
Turning circle	m	10.9	10.9	10.9
Tank capacity	approx. l	52	52	52
Cooling system incl. heating	l	7.0	7.0	7.0
Engine oil ²⁾	l	5.2	5.2	5.2
Weight, unladen, to DINEU	kg	1305 / 1380 (1340 / 1415)	1315 / 1390 (1340 / 1415)	1385 / 1460 (1400 / 1475)
Max. load to DIN	kg	530	530	530
Max. perm. weight, overall	kg	1835 (1870)	1845 (1870)	1915 (1930)
Max perm axle load front/rear	kg	885 / 1055	885 / 1055	890 / 1085
Max perm trailer load (12%) braked/unbraked	kg	1200 / 690	1200 / 690	1200 / 740
Perm roof load/trail download	kg	75 / 75	75 / 75	75 / 75
Luggage capacity	l	360 – 1200	360 – 1200	360 – 1200
Air resistance	c _x x A	0.30 x 2.14	0.30 x 2.14	0.31 x 2.14
Engine				
Configuration/No. of cyls./valves		R / 4 / 4	R / 4 / 4	R / 4 / 4
Engine technology		BMW TwinPower Turbo technology: turbocharger with variable intake geometry, Common Rail direct injection with solenoid injectors, max. injection pressure: 1600 bar		BMW TwinPower Turbo technology: multi-stage turbocharging with two turbochargers, Common Rail direct injection with piezo injectors, max. injection pressure: 2000 bar
Capacity	cc	1995	1995	1995
Stroke/bore	mm	90.0 / 84.0	90.0 / 84.0	90.0 / 84.0
Compression ratio	:1	16.5	16.5	16.5
Fuel grade		Diesel	Diesel	Diesel
Max output	kW/hp	85 / 116	105 / 143	160 / 218
at	rpm	4000	4000	4000
Max torque	Nm	260	320	450
at	rpm	1750 – 2500	1750 – 2500	1500 – 2500
Electrical system				
Battery/installation	Ah/–	80 / luggage comp	80 / luggage comp	80 / luggage comp
Alternator	A/W	180 / 2520	180 / 2520	180 / 2520
Driving dynamics and safety				
Suspension, front		Double-joint spring-strut axle, aluminium		
Suspension, rear		Five-link rear axle, light steel, with double elastic bearings		
Brakes, front		One-piston floating-calliper		
Diameter	mm	⁴⁾ / vented	⁴⁾ / vented	⁴⁾ / vented
Brakes, rear		One-piston floating-calliper		
Diameter	mm	⁴⁾	⁴⁾	⁴⁾ / 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 Defect Indicator		
Steering		Electric Power Steering (EPS), optional: Servotronic, variable sports steering		
Overall steering transmission	:1	15.0	15.0	15.0
Tyres front/rear		195/55 R16 87H	195/55 R16 87V	205/50 R17 89W
Wheels front/rear		6.5J x 16 steel	6.5J x 16 steel	7J x 17 LA

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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			Six-speed manual (optional: eight-speed automatic with Steptronic)		
Gear ratios		I	4.002 (4.714)	4.002 (4.714)	4.110 (4.714)
		II	2.109 (3.143)	2.109 (3.143)	2.248 (3.143)
		III	1.380 (2.106)	1.380 (2.106)	1.403 (2.106)
		IV	1.000 (1.667)	1.000 (1.667)	1.000 (1.667)
		V	0.781 (1.285)	0.781 (1.285)	0.802 (1.285)
		VI	0.645 (1.000)	0.645 (1.000)	0.659 (1.000)
		VII	– (0.839)	– (0.839)	– (0.839)
		VIII	– (0.667)	– (0.667)	– (0.667)
		R	3.647 (3.295)	3.647 (3.295)	3.727 (3.295)
Final drive		:1	3.077 (2.647)	3.077 (2.647)	3.385 (2.647)
Performance					
Power-to-weight ratio (DIN)		kg/kW	15.4 (15.8)	12.5 (12.8)	8.7 (8.8)
Output per litre		kW/l	42.6	52.6	80.2
Acceleration	0–100 km/h	s	10.3 (10.3)	8.9 (8.6)	6.5 (6.3)
	0–1000 m	s	31.6 (31.8)	29.7 (29.6)	26.2 (26.3)
In 4th gear	80–120 km/h	s	8.6 / 11.7	7.2 / 9.3	5.0 / 6.5
Top speed		km/h	200 (200)	212 (212)	240 (240)
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, disengageable air-conditioning compressor (BMW 116d), final drive with optimised warm-up behaviour, tyres with reduced rolling resistance		
Fuel consumption EU³⁾					
With standard wheels and tyres					
Urban		l/100 km	5.3 (5.3)	5.4 (5.3)	6.0 (5.7)
Extra-urban		l/100 km	3.8 (3.8)	3.8 (3.9)	4.3 (4.2)
Composite		l/100 km	4.3 (4.4)	4.4 (4.4)	4.9 (4.8)
CO ₂		g/km	114 (115)	115 (116)	129 (126)
With 7J x 16 wheels and 205/55 R16 tyres as well as winter tyres (BMW 116d, BMW 118d), With 7J x 17 wheels and 205/50 R 17 tyres, with 7.5J x 17 wheels and 225/45 R17 tyres, With 7.5J x 17 wheels at front, 8J x 17 at the rear and 225/45 R17 tyres at front, 245/40 R17 at the rear, With 7.5J x 18 wheels at front, 8J x 18 at the rear and 225/40 R18 tyres at front, 245/35 R18 at the rear					
Urban		l/100 km	5.4 (5.5)	5.5 (5.5)	
Extra-urban		l/100 km	3.9 (4.0)	3.9 (4.0)	
Composite		l/100 km	4.5 (4.5)	4.5 (4.5)	
CO ₂		g/km	117 (119)	118 (119)	
Emission classification			EU5	EU5	EU5

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⁾ Fuel consumption and CO₂ emissions depend on the selected tyre format

⁴⁾ Information not yet available