

Specifications.

The new BMW 1 Series 3 Door Hatch.

116d EfficientDynamics Edition



BMW 116d EfficientDynamics Edition		
Body		
Number of doors/seats		3 / 4 (5)
Length/Width/Height ¹⁾ (unladen)	mm	4324 / 1765 / 1413
Wheelbase	mm	2690
Track front/rear	mm	1521 / 1556
Ground clearance	mm	132
Turning circle	m	10.9
Tank capacity	approx. l	52
Cooling system incl. heating	l	7.0
Engine oil ²⁾	l	5.2
Weight, unladen, to DINEU	kg	1305 / 1380
Max. load to DIN	kg	530
Max. perm. weight, overall	kg	1835
Max perm axle load front/rear	kg	875 / 1055
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	0.30 x 2.14
Engine		
Configuration/No. of cyls./valves		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	
Capacity	cc	1598
Stroke/bore	mm	83.6 / 78.0
Compression ratio	:1	16.5
Fuel grade		Diesel
Max output	kW/hp	85 / 116
at	rpm	4000
Max torque	Nm	260
at	rpm	1750 – 2500
Electrical system		
Battery/installation	Ah/-	80 / luggage comp
Alternator	A/W	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	³⁾ / vented
Brakes, rear	One-piston floating-calliper	
Diameter	mm	³⁾
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
Tyres front/rear		205/55 R16 91H
Wheels front/rear		7J x 16 steel

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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 transmission	
Gear ratios	I	4.002
	II :1	2.109
	III :1	1.380
	IV :1	1.000
	V :1	0.781
	VI :1	0.645
	R :1	3.647
Final drive	:1	2.929

Performance

Power-to-weight ratio (DIN)	kg/kW	15.4
Output per litre	kW/l	53.2
Acceleration 0–100 km/h	s	10.5
0–1000 m	s	31.6
In 4th gear 80–120 km/h	s	10.2 / 14.2
Top speed	km/h	195

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, map-controlled oil pump, disengageable air-conditioning compressor, final drive with optimised warm-up behaviour, optimised aerodynamics, tyres with reduced rolling resistance
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Fuel consumption EU

Urban	l/100 km	4.4
Extra-urban	l/100 km	3.4
Composite	l/100 km	3.8
CO ₂	g/km	99
Emissions classification		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: 1432 mm

²⁾ Oil change quantity

³⁾ Information not yet available