

# Specifications.

## BMW 1 Series 5 Door Hatch.

### 120d xDrive



<b>BMW 120d xDrive</b>		
<b>Body</b>		
No. of doors/seats		5 / 5
L/W/H <sup>1)</sup> (unladen)	mm	4324 / 1765 / 1421
Wheelbase	mm	2690
Front/rear track	mm	1521 / 1556
Ground clearance	mm	140
Turning circle	m	11.3
Fuel capacity	approx. l	52
Cooling and heating system	l	7.0
Engine oil capacity <sup>2)</sup>	l	5.2
Weight, unladen (DIN/EU)	kg	1425 / 1500
Payload (DIN)	kg	530
Permitted total weight	kg	1955
Permitted axle load, front/rear	kg	960 / 1090
Permitted trailer load (12%) braked/unbraked	kg	1200 / 710
Permitted roof load/trailer download	kg	75 / 75
Luggage compartment capacity	l	360 – 1200
Aerodynamic drag	c <sub>x</sub> x A	0.32 x 2.14
<b>Engine</b>		
Type/no. of cylinders/valves		in-line / 4 / 4
Engine technology	BMW TwinPower Turbo technology with variable-geometry turbocharger, common-rail direct fuel injection with magnetic valve 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	135 / 184
at rpm	min <sup>-1</sup>	4000
Torque	Nm	380
at rpm	min <sup>-1</sup>	1750 – 2750
<b>Electrical</b>		
Battery charge/location	Ah/–	90 / luggage compartment
Alternator current/output	A/W	175 / 2450
<b>Driving Dynamics and Safety</b>		
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	<sup>4)</sup> / vented
Rear brakes	Single-piston floating-caliper disc brakes	
Diameter	mm	<sup>4)</sup> / 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, DSC networked with xDrive all-wheel-drive system within the Integrated Chassis Management	
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		205/55 R16 91V
Front/rear wheels		7J x 16 steel

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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		
Gear ratios	I	:1	4.110
	II	:1	2.248
	III	:1	1.403
	IV	:1	1.000
	V	:1	0.802
	VI	:1	0.659
	R	:1	3.727
Differential ratio		:1	3.154

#### Performance

Weight-to-power ratio (DIN unladen)	kg/kW	10.6
Specific power output	kW/l	67.7
Acceleration 0–100 km/h	sec.	7.2
0–1,000 m	sec.	27.7
in 4th/5th gear 80–120 km/h	sec.	6.1 / 7.9
Max. speed	km/h	225

#### BMW EfficientDynamics

BMW EfficientDynamics Features included as standard	Braking Energy Regeneration, electromechanical power steering, Automatic Start/Stop function, gear shift indicator, ECO PRO mode, intelligent lightweight construction, automatically disconnecting ancillary components, map-regulated oil pump, differential with optimized-warm-up behaviour, weight and efficiency-optimised power divider, tyres with reduced rolling resistance
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#### Fuel consumption (EU)<sup>3)</sup>

With standard wheels and tyres		
Urban	l/100 km	5.8
Extra-urban	l/100 km	4.0
Total	l/100 km	4.7
CO <sub>2</sub>	g/km	123
With 7J x 17" rims and 205/50 R17 tyres, with 7.5J x 17" rims and 225/45 R17 tyres, With 7.5J x 17" front rims, 8J x 17" rear rims, 225/45 R17 front tyres and 245/40 R17 rear tyres, With 7.5J x 18" front rims, 8J x 18" rear rims, 225/40 R18 front tyres and 245/35 R18 rear tyres		
Urban	l/100 km	5.9
Extra-urban	l/100 km	4.1
Combined	l/100 km	4.8
CO <sub>2</sub>	g/km	126
Emissions standard		EU5

Technical data valid for ACEA countries/Some permitted weights valid only for Germany

<sup>1)</sup> Height with roof aerial: 1440 mm

<sup>2)</sup> Oil change volume

<sup>3)</sup> Fuel consumption and CO<sub>2</sub> emissions depend on the selected tyre format

<sup>4)</sup> Not yet available