

# Specifications. BMW 1 Series 5 Door Hatch. 114d



BMW 114d		
<b>Body</b>		
Number of doors/seats		5 / 5
Length/Width/Height <sup>1)</sup> (unladen)	mm	4324 / 1765 / 1421
Wheelbase	mm	2690
Track front/rear	mm	1535 / 1569
Ground clearance	mm	140
Turning circle	m	10.9
Tank capacity	approx. l	52
Cooling system incl. heating	l	7.0
Engine oil <sup>2)</sup>	l	5.2
Weight, unladen, to DINEU	kg	1310 / 1385
Max. load to DIN	kg	530
Max. perm. weight, overall	kg	1840
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 <sub>x</sub> x A	0.30 x 2.14
<b>Engine</b>		
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	70 / 95
at	rpm	4000
Max torque	Nm	235
at	rpm	1500 – 2750
<b>Electrical system</b>		
Battery/installation	Ah/-	90 / luggage comp
Alternator	A/W	175 / 2450
<b>Driving dynamics and safety</b>		
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	<sup>3)</sup> / vented
Brakes, rear	One-piston floating-calliper	
Diameter	mm	<sup>3)</sup>
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		195/55 R16 87H
Wheels front/rear		6,5J 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		18.7
Output per litre	kW/l		43.8
Acceleration	0–100 km/h	s	12.2
	0–1000 m	s	33.5
In 4 <sup>th</sup> /5 <sup>th</sup> gear	80–120 km/h	s	10.8 / 15.2
Top speed	km/h		185
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, final drive with optimised warm-up behaviour, tyres with reduced rolling resistance	
Fuel consumption EU <sup>4)</sup>			
With standard wheels and tyres			
Urban	l/100 km		4.9
Extra-urban	l/100 km		3.7
Composite	l/100 km		4.1
CO <sub>2</sub>	g/km		109
With 7J x 16 wheels and 205/55 R16 tyres, with 7J x 17 wheels and 205/50 R 17 tyres and with winter 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		5.0
Extra-urban	l/100 km		3.8
Composite	l/100 km		4.3
CO <sub>2</sub>	g/km		112
Emissions classification			EU5

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

<sup>1)</sup> Height including roof fin: 1440 mm

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

<sup>3)</sup> Information not yet available

<sup>4)</sup> Fuel consumption and CO<sub>2</sub> emissions depend on the selected tyre format