



2/2011

Valid from
3/2011

BMW 118i			BMW 120i
Body			
No of doors/seats		2 / 4	2 / 4
Length/width/height (unladen)	mm	4360 / 1748 / 1411	4360 / 1748 / 1411
Wheelbase	mm	2660	2660
Track, front/rear	mm	1484 / 1517	1480 / 1513
Ground clearance	mm	140	140
Turning circle	m	10.7	10.7
Tank capacity	app ltr	53	53
Cooling system incl heater	ltr	8.4 (9.2)	8.4 (9.2)
Engine oil ¹⁾	ltr	4.3	4.3
Weight, unladen, to DIN/EU	kg	1420 / 1495 (1445 / 1520)	1430 / 1505 (1460 / 1535)
Max load to DIN	kg	440	440
Max permissible	kg	1860 (1885)	1870 (1900)
Max axle load, front/rear	kg	855 / 1070	870 / 1070
Max trailer load (12%), braked/unbraked	kg	1200 / 670	1200 / 680
Max roofload/max towbar downl	kg	- / 75	- / 75
Luggage comp capacity	ltr	260 – 305	260 – 305
Air drag	Cd x A	0.33 x 2.10	0.34 x 2.10
Power Unit			
Config/No of cyls/valves		Straight-four / 4	Straight-four / 4
Engine technology		Second-generation direct injection (High Precision Injection) with lean burn	
Capacity, effective	cc	1995	1995
Stroke / bore	mm	90 / 84	90 / 84
Compression ratio	:	12.0	12.0
Fuel		min RON 91	min RON 91
Max output	kW/hp	105 / 143	125 / 170
at	rpm	6000	6700
Max torque	Nm/lb·ft	190/140	210/155
at	rpm	4250	4250
Electrical System			
Battery/location	Ah/–	80 (70) / luggage comp	80 (70) / luggage comp
Alternator	A/W	180 / 2520	180 / 2520
Driving Dynamics and Safety			
Suspension, front		Double-joint tiebar spring strut axle, aluminium	
Suspension, rear		Five-arm axle, lightweight steel	
Brakes, front		Single-piston swing-calliper disc brakes	
Diameter	mm	292 x 22 / vented	300 x 24 / vented
Brakes, rear		Single-piston swing-calliper disc brakes	
Diameter	mm	300 x 20	300 x 20 / vented
Driving stability systems		Standard: DSC incl ABS and DTC (Dynamic Traction Control), CBC Cornering Brake Control, DBC Dynamic Brake Control	
Safety equipment		Standard: airbags for driver and front passenger (two-stage), side airbags for driver and front passenger, head airbags front and rear, three-point inertia-reel seat belts on all seats, with belt retainer, belt latch tensioner and belt force limiter at the front, crash sensors, Tyre Defect Indicator	
Steering		Rack-and-pinion steering; 3.0 turns; EPS Electronic Power Steering	
Steering transmission, overall	:	16.0	16.0
Tyres, front/rear		195/55 R16 87H	205/55 R16 91V
Rims, front/rear		6.5J x 16 steel	7J x 16 steel

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Specifications BMW 1 Series Convertible.

	BMW 118i		BMW 120i
BMW ConnectedDrive			
Comfort		Optional: BMW Assist including features such as enquiry service, remote-control function and V-Info+, BMW TeleServices, integration of mobile devices	
Infotainment		Optional: access to the internet, BMW Online including features such as ParkInfo, NationalInfo, Google directory service, News, realtime weather, BMW Routes, Office functions, Bluetooth audio streaming, online music title update, Apps	
Safety		Optional: Adaptive Headlights with Bending Lights, High-Beam Assistant, Park Distance Control, cruise control, Automatic/Enhanced Emergency Call	
Transmission			
Type of transmission		Six-speed manual (optional: six-speed automatic transmission)	
Gear ratios	I	:1	4.323 (4.171)
	II	:1	2.456 (2.340)
	III	:1	1.659 (1.521)
	IV	:1	1.230 (1.143)
	V	:1	1.000 (0.867)
	VI	:1	0.848 (0.691)
	R	:1	3.938 (3.403)
Final drive		:1	3.455 (3.909)
			3.727 (4.100)
Performance			
Power-to-weight ratio	kg/kW	13.5 (13.8)	11.4 (11.7)
Output per litre	kW/l	52.6/71.5	62.7/88.3
Acceleration 0–100 km/h	sec	9.3 (10.1)	8.4 (9.0)
Standing-start	sec	30.6 (31.1)	29.3 (29.7)
In 4th/5th gear 80–120	sec	9.6 / 12.5 (–)	8.2 / 10.6 (–)
Top speed	km/h	210 (208)	220 (218)
BMW EfficientDynamics			
BMW EfficientDynamics standard features		Brake Energy Regeneration, Electric Power Steering, Auto Start Stop and Gearshift Point Indicator (manual gearbox models), Air Curtains, intelligent lightweight technology, map-controlled oil pump, electric cooling pump, a/c compressor detachable	
Fuel Consumption in EU			
Urban	ltr/100 km	8.4 (9.1)	8.8 (9.4)
Extra-urban	ltr/100 km	5.4 (5.6)	5.6 (5.6)
Combined	ltr/100 km	6.5 (6.9)	6.8 (7.0)
CO ₂	g/km	152 (162)	158 (163)
Emission rating		EU5	EU5

Specifications applicable to ACEA markets/homologation data applicable in part only to Germany (weight).
Figures in brackets apply to automatic transmission models.

¹⁾ Oil change