



2/2011

Valid from
3/2011

		BMW 125i	BMW 135i
Body			
No of doors/seats		2 / 4	2 / 4
Length/width/height (unladen)	mm	4360 / 1748 / 1411	4360 / 1748 / 1392
Wheelbase	mm	2660	2660
Track, front/rear	mm	1474 / 1507	1474 / 1507
Ground clearance	mm	140	121
Turning circle	m	10.7	10.7
Tank capacity	app ltr	53	53
Cooling system incl heater	ltr	8.2 (8.5)	8.2 (8.5)
Engine oil ¹⁾	ltr	6.5	6.5
Weight, unladen, to DIN/EU	kg	1510 / 1585 (1540 / 1615)	1590 / 1665 (1600 / 1675)
Max load to DIN	kg	440	440
Max permissible	kg	1950 / 1980	2030 (2040)
Max axle load, front/rear	kg	910 / 1095	940 / 1120
Max trailer load (12%), braked/unbraked	kg	1200 / 700	- / -
Max roofload/max towbar downl	kg	- / 75	- / -
Luggage comp capacity	ltr	260 - 305	260 - 305
Air drag	Cd x A	0.34 x 2.10	0.34 x 2.10
Power Unit			
Config/No of cyls/valves		Straight-six / 4	Straight-six / 4
Engine technology		Fully variable valve control (VALVETRONIC), dual-VANOS	BMW TwinPower Turbo, second-generation direct injection (High Precision Injection), fully variable valve control (VALVETRONIC)
Capacity, effective	cc	2996	2979
Stroke / bore	mm	88 / 85	89.6 / 84.0
Compression ratio	:1	10.7	10.2
Fuel		min RON 91	min RON 91
Max output	kW/hp	160 / 218	225 / 306
at	rpm	6100	5800
Max torque	Nm/lb-ft	270/199	400/295
at	rpm	2500 - 4250	1200 - 5000
Electrical System			
Battery/location	Ah/-	70 / luggage comp	80 / 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	Six-piston fixed-calliper disc brakes
Diameter	mm	300 x 24 / vented	338 x 26 / vented
Brakes, rear		Single-piston swing-calliper disc brakes	Two-piston fixed-calliper disc brakes
Diameter	mm	300 x 20 / vented	324 x 22 / vented
Driving stability systems		Standard: DSC incl ABS and DTC (Dynamic Traction Control), CBC Cornering Brake Control, DBC Dynamic Brake Control, Dry Braking, Fading Compensation, Start-Off Assistant, BMW 135i with M sports suspension and electronic locking function on the rear axle differential	
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	Hydraulic steering
Steering transmission, overall	:1	16.0	16.0
Tyres, front/rear		205/50 R17 89W RSC	205/50 R17 89W RSC / 225/45 R17 91W RSC
Rims, front/rear		7J x 17 light-alloy	7J x 17 light-alloy / 7.5J x 17 light-alloy

Specifications BMW 1 Series Convertible.

		BMW 125i	BMW 135i
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), BMW 135i optional: seven-speed Sports Automatic with double-clutch	
Gear ratios	I	:1	4.323 (4.065)
	II	:1	2.456 (2.371)
	III	:1	1.659 (1.551)
	IV	:1	1.230 (1.157)
	V	:1	1.000 (0.853)
	VI	:1	0.848 (0.674)
	VII	:1	– (1.000)
	Rev		3.938 (3.727)
Final drive		:1	3.231 (3.727)
Performance			
Power-to-weight ratio	kg/kW	9.4 (9.6)	7.1 (7.1)
Output per litre	kW/hp	53.4/72.6	75.5/102.7
Acceleration	0–100 km/h	sec	6.8 (7.4)
	Standing-start km	sec	27.6 (28.1)
In 4th/5th gear	80–120	sec	7.3 / 9.2 (–)
Top speed	km/h	238 (236)	250
BMW EfficientDynamics			
BMW EfficientDynamics standard features		Brake Energy Regeneration, Electric Power Steering (BMW 125i), Gearshift Point Indicator (manual gearbox models), Air Curtains (BMW 125i), modified M Aerodynamics Package (BMW 135i), tyres with reduced roll resistance (BMW 125i), intelligent lightweight technology, map-controlled oil pump, electrical coolant pump, a/c compressor detachable	
Fuel Consump in EU			
Urban	litr/100 km	12.0 (11.8)	12.2 (11.8)
Extra-urban	litr/100 km	6.2 (6.3)	6.5 (6.8)
Combined	litr/100 km	8.3 (8.3)	8.6 (8.6)
CO ₂	g/km	194 (194)	200 (200)
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