



6/2012

valid from  
7/2012

<b>BMW 328i Touring</b>		
<b>Body</b>		
No of doors / seats		5 / 5
Length/width/height (unladen)	mm	4624 / 1811 / 1429
Wheelbase	mm	2810
Track, front/rear	mm	1531 / 1572
Ground clearance		140
Turning circle	m	11,3
Tank capacity		60
Cooling system incl heater	ltr	6,9 (7,6)
Engine oil <sup>1)</sup>	ltr	5,75
Weight, unladen, to DINEU	kg	1500 / 1585 (1520/1595)
Max load to DIN	kg	550
Max permissible	kg	2050 (2070)
Max axle load, front / rear	kg	915 / 1210
Max trailer load (12%), braked / unbraked	kg	1600 / 745
Max roofload / max download	kg	75 / 75
Luggage comp	ltr	495 / 1500
Air drag	cd x A	0,32 x 2,20
<b>Power Unit</b>		
Configuration/No of cyls/valves		In line / -4 / 4
Engine technology		BMW TwinPower Turbo Technology: Twin-Scroll Turbocharging, High Precision Direct Injection, fully variable valve control (VALVETRONIC)
Capacity, effective	cc	1997
Stroke / bore	mm	90,1 / 84,0
Compression ratio	:1	10,0
Fuel		min RON 91
Max output	kW/hp	180 / 245
at	rpm	5000-6000
Max torque	Nm/lb-ft	350
at	rpm	1250-4800
<b>Electrical System</b>		
Battery / installation	Ah-	90 / Luggage Compartment
Alternator	AW	210 / 2940
<b>Driving Dynamics and Safety</b>		
Suspension, front		Double-joint spring strut axle in aluminium with displaced castor, small positive steering roll radius, compensation of lateral forces, anti-dive
Suspension, rear		Five-arm axle in lightweight steel
Brakes, front		Single-piston swing-calliper disc brakes/ vented
Brakes, rear		Single-piston swing-calliper disc brakes/ vented
Driving stability systems		Standard: DSC incl ABS and DTC Dynamic Traction Control, CBC Cornering Brake Control, DBC Brake Assistant, Dry Braking, Fading Compensation, Start-Off Assistant
Safety		Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags front and rear, three-point inertia-reel belts on all seats, with belt retainer, belt latch tensioner and belt force limiter at the front, crash-activated headrests at the front, crash sensors, Tyre Defect Indicator
Steering		Electric Power Steering (EPS), optional: Servotronic Function, Variable Sport Steering
Steering ratio, overall	:1	15,1
Tyres, front/rear		225/50 R17 94W
Wheels, front/rear		7,5J x 17 Light Alloy

3/2012

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7/2012

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**BMW 328i**

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**BMW ConnectedDrive**

Comfort	Optional: BMW Assist including information service, remote functions, Real-Time Traffic Information, BMW TeleServices, mobile device integration
Infotainment	Optional: access to the internet, BMW Online incl Parkinfo, National Info, Google directory search, news, realtime weather, BMW Routes, office functions, Bluetooth audio streaming and music title update online, apps
Safety	Optional: Adaptive Headlights with turning lights, variable light distribution and adaptive headlight range adjustment, high beam assistance, park distance control, rear view camera, Surround View incl. Side View and Top View, BMW Head-Up Display, cruise control with brake function, Parking Assistant, Lane Chance Warning, Lane Departure Warning with Collision Warning, speed limit and no passing information, Active Protection, extended emergency call

**Transmission**

Type of transmission	Six-speed manual (optional: eight-speed automatic)		
Gear ratios	I	:1	3,683 (4,174)
	II	:1	2,062 (3,143)
	III	:1	1,313 (2,106)
	IV	:1	1,000 (1,667)
	V	:1	0,809 (1,285)
	VI	:1	0,677 (1,000)
	VII	:1	----- (0,839)
	VIII	:1	----- (0,667)
	R	:1	3,348 (3,295)
Final Drive		:1	3,909 (3,154)

**Performance**

Power-to-weight ratio	kg/kW	8,3 (8,4)
Output per litre	kW/l	90,1
Acceleration 0–100 km/h	sec	6,0 (6,0)
standing-start	sec	26,0 (25,9)
In 4th/5th gear 80–120 km/h	sec	5,8 / 7,2 (-)
Top speed	km/h	250 (250)

**BMW EfficientDynamics**

BMW EfficientDynamics, standard features	Brake Energy Regeneration, electromechanical power steering, Automatic Start/Stop function, ECO PRO mode, intelligent lightweight construction, on-demand operation of ancillary units, map-regulated oil pump, Electric Power Steering (EPS), detachable a/c compressor, differential with optimized-warm-up behaviour, tyres with reduced rolling resistance
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**Fuel Consump in EU Cycle**

Urban	litr/100k	9,2 (8,4)
Extra-urban	litr/100k	5,5 (5,4)
Combined	litr/100k	6,8 (6,5)
CO <sub>2</sub>	g/km	159 (152)
Emission rating		EU5

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

<sup>1)</sup> Oil change