



12/2010

Valid from
3/2011

**BMW 320d
EfficientDynamics Edition Touring**

Body

No of doors / seats	5 / 5
Length/width/height ¹⁾ (unladen)	mm 4527 / 1817 / 1403
Wheelbase	mm 2760
Track, front/rear	mm 1506 / 1535
Ground clearance	mm 126
Turning circle	m 11.0
Tank capacity	app ltr 61
Cooling system incl heater	ltr 7.5
Engine oil ²⁾	ltr 5.2
Weight, unladen, to DIN/EU	kg 1505 / 1580
Max load to DIN	kg 540
Max permissible	kg 2045
Max axle load, front/rear	kg 940 / 1160
Max trailer load (12%)	kg - / -
braked/unbraked	
Max roofload/trailer download	kg 75 / -
Luggage compartment capacity	ltr 460-1385
Air resistance	cd x A 0.27 x 2.17

Power Unit

Config/No of cylinders/valves	Straight- 4 / 4
Engine technology	Common-rail direct fuel injection, turbocharger with variable intake geometry
Capacity, effective	cc 1995
Stroke / bore	mm 90.0 / 84.0
Compression ratio	:1 16.5
Fuel	Diesel
Max output	kW/hp 120 / 163
at	rpm 4000
Max torque	Nm/lb-ft 380 / 280
at	rpm 1750-2750

Electrical System

Battery/installation	Ah- 90 / luggage compartment
Alternator	A/W 180 / 2520

Driving Dynamics and Safety

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 construction
Brakes, front	Single-piston swing-calliper disc brakes
Diameter	mm 312 x 24 / vented
Brakes, rear	Single-piston swing-calliper disc brakes
Diameter	mm 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 features	Standard: airbags for driver and front passenger, 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-activated headrests at the front, crash sensors, Tyre Pressure Indicator
Steering	EPS Electric Power Steering
Steering ratio, overall	:1 16.0
Tyres, front/rear	205/55 R16 91V
Rims, front/rear	7J x 16 light-alloy

Specifications BMW 3 Series Touring. 320d EfficientDynamics Edition

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BMW ConnectedDrive

Comfort	Optional: BMW Assist incl Inquiry Service, remote-control functions and V-Info+, BMW TeleServices, integration of mobile terminals
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 online music title update
Safety	Optional: Adaptive Headlights with Bending Light, High-Beam Assistant, Park Distance Control, cruise control, Automatic/Enhanced Emergency Call

Transmission

Type of transmission	Six-speed manual
Gear ratios	
I	:1
II	:1
III	:1
IV	:1
V	:1
VI	:1
R	:1
Final drive	:1
	4.110
	2.248
	1.403
	1.000
	0.802
	0.659
	3.727
	2.786

Performance

Power-to-weight ratio	kg/kW	12.5
Output per litre	kW/litre	60.2 / 81.9
Acceleration 0–100 km/h	sec	8.3
standing-start km	sec	29.1
In 4th/5th gear	sec	7.1 / 9.6
Top speed	km/h	223

BMW EfficientDynamics

BMW EfficientDynamics, standard features	Brake Energy Regeneration, EPS Electric Power Steering, Auto Start Stop and gearshift point indicator, on-demand control of ancillary units, intelligent lightweight construction, active air flap control, tyres with reduced roll resistance, A/C compressor detachable
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Fuel Consumption in EU

Urban	l/100km	5.2
Extra-urban	l/100km	3.8
Combined	l/100km	4.3
CO ₂	g/km	114
Emission rating		EU5

Specifications apply to ACEA markets / homologation-relevant data apply in part only to Germany (weight)

¹⁾ Height with roof aerial: 1,442 mm

²⁾ Oil change