

Specifications BMW 3 Series Touring. 320d, 330d



6/2012

valid from
7/2012

		BMW 320d Touring	BMW 330d Touring
Body			
No of doors / seats		5 / 5	5 / 5
Length/width/height (unladen)	mm	4624 / 1811 / 1429	4624 / 1811 / 1429
Wheelbase	mm	2810	2810
Track, front/rear	mm	1543 / 1583	1531 / 1572
Ground clearance		140	140
Turning circle	m	11,3	11,3
Tank capacity		57	57
Cooling system incl heater	ltr	7,0	7,2
Engine oil ¹⁾	ltr	5,2	7,2
Weight, unladen, to DINEU	kg	1490 / 1565 (1500/1575)	1605 / 1680
Max load to DIN	kg	550	550
Max permissible	kg	2040 (2050)	2155
Max axle load, front / rear	kg	910 / 1195	985 / 1220
Max trailer load (12%), braked / unbraked	kg	1600 / 745	1800 / 750
Max roofload / max download	kg	75 / 75	75 / 75
Luggage comp	ltr	495 / 1500	495 / 1500
Air drag	cd x A	0,31 x 2,20	0,31 x 2,20
Power Unit			
Configuration/No of cyls/valves		In line / 4 / 4	In line / 6 / 4
Engine technology		BMW TwinPower Turbo technology with variable-geometry turbocharger, Common Rail direct injection with piezo injectors (max. injection pressure: 1800 bar)	BMW TwinPower Turbo technology with variable-geometry turbocharger, Common Rail direct injection with solenoid valve injectors (max. injection pressure: 1800 bar)
Capacity, effective	cc	1995	2993
Stroke / bore	mm	90,0 / 84,0	90,0 / 84,0
Compression ratio	:1	16,5	16,5
Fuel		Diesel	Diesel
Max output	kW/hp	135 / 184	190 / 258
at	rpm	4000	4000
Max torque	Nm/lb-ft	380	560
at	rpm	1750-2750	1500-3000
Electrical System			
Battery / installation	Ah/-	90 / Luggage Compartment	
Alternator	AW	180 / 2520	220 / 3080
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	
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	15,1
Tyres, front/rear		205/60 R16 92W	225/50 R17 92W
Wheels, front/rear		7,0J x 16 Light Alloy	7,5J x 17 Light Alloy

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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) / eight-speed-automatic		
Gear ratios	I	:1	4,110 (4,174)	4,174
	II	:1	2,248 (3,143)	3,143
	III	:1	1,403 (2,106)	2,106
	IV	:1	1,000 (1,667)	1,667
	V	:1	0,802 (1,285)	1,285
	VI	:1	0,659 (1,000)	1,000
	VII	:1	----- (0,839)	0,839
	VIII	:1	----- (0,667)	0,667
	R	:1	3,727 (3,295)	3,317
Final Drive		:1	3,231 (2.813)	2,563
Performance				
Power-to-weight ratio	kg/kW	11,0 (11,1)	8,4	
Output per litre	kW/l	67,7	63,5	
Acceleration 0–100 km/h	sec	7,7 (7,6)	5,6	
standing-start	sec	28,1 (28,1)	25,3	
In 4th/5th gear 80–120 km/h	sec	6,2/ 7,9 (-)	-	
Top speed	km/h	230 (226)	250	
BMW EfficientDynamics				
BMW EfficientDynamics, standard features		Brake Energy Regeneration, electromechanical power steering, Automatic Start/Stop function, gear shift indicator (manual), ECO PRO mode, intelligent lightweight construction, on-demand operation of ancillary units, map-regulated oil pump, air flap control, Electric Power Steering (EPS), detachable a/c compressor, differential with optimized-warm-up behaviour, tyres with reduced rolling resistance		
Fuel Consump in EU Cycle				
Urban	litr/100k	5,9 (5,9)	6,3	
Extra-urban	litr/100k	4,0 (3,9)	4,5	
Combined	litr/100k	4,7 (4,6)	5,1	
CO ₂	g/km	124 (122)	135	
Emission rating		EU5	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

¹⁾ Oil change