

Specifications.

The new BMW 3 Series Gran Turismo.

318d, 320d



		BMW 318d Gran Turismo	BMW 320d Gran Turismo
Body			
No of doors/seats		4 / 5	4 / 5
Length/width/height (unladen)	mm	4824 / 1828 / 1508	4824 / 1828 / 1508
Wheelbase	mm	2920	2920
Track, front/rear	mm	1541 / 1586	1541 / 1586
Ground clearance	mm	165	165
Turning circle	m	11,8	11,8
Fuel Tank capacity	app ltr	57	57
Cooling system incl heater	ltr	7,0	7,0
Engine oil ¹⁾	ltr	5,2	5,2
Weight, unladen, to DINEU	kg	1540 / 1615 (1560/1635)	1565 / 1640 (1575/1650)
Max load to DIN	kg	570	570
Max permissible	kg	2110 (2130)	2135 (2145)
Max axle load, front/rear	kg	940 / 1240	950 / 1245
Max trailer load (12%), braked/unbraked	kg	1600 / 745	1600 / 745
Max roofload/max towbar downl	kg	75 / 75	75 / 75
Luggage comp capacity	ltr	520 / 1600	520 / 1600
Air drag	Cd x A	0,28 x 2,31	0,28 x 2,31
Power Unit			
Config/No of cyls/valves		In-line / 4 / 4	In-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology with variable- geometry turbocharger, Common Rail direct injection with piezo injectors (max. injection pressure: 1800 bar)	
Capacity, effective	cc	1995	1995
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	105 / 143	135 / 184
at	rpm	4000	4000
Max torque	Nm/lb-ft	320	380
at	rpm	1750 – 2500	1750 – 2750
Electrical System			
Battery / installation	Ah/–	90 / Luggage compartment	90 / Luggage compartment
Alternator	A/W	175 / 2450	175 / 2450
Driving Dynamics and Safety			
Suspension, front		Aluminium double-joint spring strut axle with displaced camber, small positive steering roll radius, transverse force compensation, anti-dive	
Suspension, rear		Five-link axle in lightweight construction	
Brakes, front		Single-piston floating-calliper disc brakes / vented	
Brakes, rear		Single-piston floating-calliper disc brakes / vented	
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant	
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for front and rear seats, three-point inertia-reel seatbelts on all seats with belt latch tensioner and belt force limiter at the front, crash- activated head restraints at the front, crash sensors, Tyre Defect Indicator	
Steering		Electric Power Steering (EPS), optional: Servotronic Function, Variable Sport Steering)	
Steering transmission, overall	:1	15,3	15,3
Tyres, front/rear		225/55 R17 97V	225/55 R17 97V
Rims, front/rear		8,0J x 17 Light Alloy	8,0J x 17 Light Alloy

3/2013

Valid from

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BMW ConnectedDrive				
Comfort		Optional: BMW Assist incl. Enquiry Service, remote-control functions and V-Info+ (Traffic Info plus), RTTI, BMW TeleServices, mobile device integration		
Infotainment		Optional: internet access, BMW Online incl. Park Info, National Info, Google Local Search, News, Realtime Weather, BMW Routes, Office functions, Bluetooth Audio Streaming and Online Update Music Tracks, 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	4,002 (4,174)	4,110 (4,174)
	II	:1	2,109 (3,143)	2,248 (3,143)
	III	:1	1,380 (2,106)	1,403 (2,106)
	IV	:1	1,000 (1,667)	1,000 (1,667)
	V	:1	0,781 (1,285)	0,802 (1,285)
	VI	:1	0,645 (1,000)	0,659 (1,000)
	VII	:1	----- (0,839)	----- (0,839)
	VIII	:1	----- (0,667)	----- (0,667)
	Reverse	:1	3,647 (3,295)	3,727 (3,295)
Final drive		:1	3,385 (2.813)	3,385 (2.813)
Performance				
Power-to-weight ratio	kg/kW	14,7 (14,9)	11,6 (11,7)	
Output per litre	kW/l	52,6	67,7	
Acceleration 0–100 km/h	sec	9,7 (9,6)	8,0 (7,9)	
Standing-start km	sec	30,7 (30,8)	28,5 (28,5)	
In 4th/5th gear 80–120 km/h	sec	8,2 / 10,8 (-)	6,5 / 8,6 (-)	
Top speed	km/h	210 (210)	230 (226)	
BMW EfficientDynamics				
BMW EfficientDynamics standard features		Brake Energy Regeneration, electromechanical power steering, Automatic Start/Stop function, Gear Shift Indicator (Manual Transmission), ECO PRO mode, intelligent lightweight construction, on-demand operation of ancillary units, map-regulated oil pump, detachable a/c compressor (BMW 318d Manual Transmission), differential with optimized-warm-up behaviour, tyres with reduced rolling resistance		
Fuel Consump in EU Cycle				
Standard Wheels				
Urban	ltr/100	5,5 (5,6)	5,8 (5,9)	
Extra-urban	ltr/100	4,0 (4,4)	4,4 (4,4)	
Combined	ltr/100	4,5 (4,8)	4,9 (4,9)	
CO ₂	g/km	119 (127)	129 (129)	
Emission rating		EU5	EU6	

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