

Specifications.

The new BMW 3 Series Gran Turismo.

320i, 328i, 335i



		BMW 320i Gran Turismo	BMW 328i Gran Turismo	BMW 335i Gran Turismo
Body				
No of doors/seats		4 / 5	4 / 5	4 / 5
Length/width/height (unladen)	mm	4824 / 1828 / 1508	4824 / 1828 / 1508	4824 / 1828 / 1508
Wheelbase	mm	2920	2920	2920
Track, front/rear	mm	1541 / 1586	1541 / 1586	1541 / 1586
Ground clearance	mm	165	165	165
Turning circle	m	11,8	11,8	11,8
Fuel Tank capacity	app ltr	60	60	60
Cooling system incl heater	ltr	7,1 (7,7)	7,2 (7,5)	6,9 (7,1)
Engine oil ¹⁾	ltr	5,75	5,75	6,5
Weight, unladen, to DINEU	kg	1540 / 1615 (1560/1635)	1570 / 1645 (1595/1670)	1640 / 1715 (1650/1725)
Max load to DIN	kg	570	570	570
Max permissible	kg	2110 (2130)	2140 (2165)	2210 (2220)
Max axle load, front/rear	kg	935 / 1240	950 / 1260	1000 / 1265
Max trailer load (12%), braked/unbraked	kg	1400 (1500) / 695	1600 / 745	1700 / 750
Max roofload/max towbar downl	kg	75 / 75	75 / 75	75 / 75
Luggage comp capacity	ltr	520 / 1600	520 / 1600	520 / 1600
Air drag	Cd x A	0,29 x 2,31	0,29 x 2,31	0,30 x 2,31
Power Unit				
Config/No of cyls/valves		In-line / 4 / 4	In-line / 4 / 4	In-line / 6 / 4
Engine technology		BMW TwinPower Turbo technology with twin-scroll turbocharging, High Precision Direct Petrol Injection and fully variable valve control (VALVETRONIC)		
Capacity, effective	cc	1997	1997	2979
Stroke / bore	mm	90,1 / 84,0	90,1 / 84,0	89,6 / 84,0
Compression ratio	:1	11,0	10,0	10,2
Fuel		min. ROZ91	min. ROZ 91	min. ROZ 91
Max output	kW/hp	135 / 184	180 / 245	225 / 306
at	rpm	5000-6250	5000	5800
Max torque	Nm/lb-ft	270	350	400
at	rpm	1250 – 4500	1250-4800	1200-5000
Electrical System				
Battery / installation	Ah/-	90 / Luggage compartment	90 / Luggage compartment	90 / Luggage compartment
Alternator	AW	170 / 2380	170 / 2380	170 / 2380
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	15,3
Tyres, front/rear		225/55 R17 97V	225/55 R17 97W	225/55 R17 97W
Rims, front/rear		8,0J x 17 Light Alloy	8,0J x 17 Light Alloy	8,0J x 17 Light Alloy

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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	4,323 (4,714)	3,683 (4,174)	4,110 (4,174)
			II	:1	2,459 (3,143)	2,062 (3,143)	2,315 (3,143)
			III	:1	1,659 (2,106)	1,313 (2,106)	1,542 (2,106)
			IV	:1	1,230 (1,667)	1,000 (1,667)	1,179 (1,667)
			V	:1	1,000 (1,285)	0,809 (1,285)	1,000 (1,285)
			VI	:1	0,849 (1,000)	0,677 (1,000)	0,846 (1,000)
			VII	:1	– (0,839)	----- (0,839)	----- (0,839)
			VIII	:1	– (0,667)	----- (0,667)	----- (0,667)
			Reverse	:1	3,938 (3,295)	3,348 (3,295)	3,727 (3,295)
Final drive			:1	3,231 (3,154)	3,909 (3,154)	3,231 (3,077)	
Performance							
Power-to-weight ratio			kg/kW	11,4 (11,6)	8,7 (8,9)	7,3 (7,3)	
Output per litre			kW/l	67,6	90,1	75,5	
Acceleration 0–100 km/h			sec	7,9 (7,9)	6,1 (6,1)	5,7 (5,4)	
Standing-start km			sec	28,4 (28,7)	25,9 (25,9)	24,7 (24,8)	
In 4th/5th gear80–120 km/h			sec	8,1 / 9,8 (-)	6,0 / 7,7 (-)	5,8 / 6,5 (-)	
Top speed			km/h	230 (229)	250 (250)	250 (250)	
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 320i Automatic Transmission), differential with optimized-warm-up behaviour, tyres with reduced rolling resistance				
Fuel Consump in EU Cycle¹⁾							
Standard Wheels:							
Urban			ltr/100	8,7 (8,2)	8,8 (8,3)	11,3 (10,8)	
Extra-urban			ltr/100	5,3 (5,1)	5,5 (5,3)	6,2 (5,8)	
Combined			ltr/100	6,6 (6,2)	6,7 (6,4)	8,1 (7,7)	
CO ₂			g/km	153 (145)	156 (149)	188 (178)	
Emission rating				EU6	EU6	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