

Specifications.

The BMW Series 3 Gran Turismo.

320i xDrive, 328i xDrive, 335i xDrive.



		BMW 320i xDrive Gran Turismo	BMW 328i xDrive Gran Turismo	BMW 335i xDrive 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	12,3	12,3	12,3
Fuel tank capacity	Approx. litr	60	60	60
Cooling system incl heater	litr	7,1 (7,7)	n.b.	n.b.
Engine oil ⁽¹⁾	litr	5,75	4,8	6,5
Weight, unladen, to DIN/EU	kg	1625/1700 (1640/1715)	1660/1735	1715/1790
Max load to DIN	kg	570	570	570
Max permissible weight	kg	2195 (2210)	2230	2285
Max axle load, front/rear	kg	1010/1240	1025/1250	1070/1260
Max trailer load, Braked (12%)/unbraked	kg	1700/750	1700/750	1800/750
Max roofload/max towbar downl	kg	75/75	75/75	75/75
Luggage comp capacity	litr	520-1600	520-1600	520-1600
Air resistance	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 variable-geometry turbocharger, High Precision Direct Injection		
Effective capacity	cc	1997	1997	2979
Stroke/bore	mm	90,1/84,0	90,1/84,0	89,6/84,0
Compression ratio	:1	10,0	10,0	10,2
Fuel		min. RON 91	min. RON 91	min. RON 91
Max output	kW/hp	135/184	180/245	225/306
at	rpm	5000-6250	5000-6500	5800-6400
Max torque	Nm/lb-ft	270	350	400
at	rpm	1250-4500	1250	1200-5000
Electrical System				
Battery / installation	Ah/-90/	Luggage compartment90/	Luggage compartment90/	Luggage compartment
Alternator	A/W	170/n.b.	n.b./n.b.	n.b./n.b.
Driving Dynamics and Safety				
Suspension, front		Aluminium double-joint spring strut axle with displaced camber		
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), Networked with xDrive all-wheel-drive system in Integrated Chassis Management, Dry Braking function, Fading Compensation, Start-Off Assistant, optional: Dynamic Suspension Control, Performance Control		
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		
Steering		Electric Power Steering (EPS), Servotronic Function optional: Variable Sport Steering		
Steering ratio, 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

			BMW 320i xDrive Gran Turismo	BMW 328i xDrive Gran Turismo	BMW 335i xDrive Gran Turismo
Transmission					
Type of transmission			6-speed manual (optional: eight-speed Steptronic)	8-speed Steptronic	
Gear ratios	I	:1	4,110 (4,714)	4,714	4,714
	II	:1	2,315 (3,143)	3,143	3,143
	III	:1	1,542 (2,106)	2,106	2,106
	IV	:1	1,179 (1,667)	1,667	1,667
	V	:1	1,000 (1,285)	1,285	1,285
	VI	:1	0,846 (1,000)	1,000	1,000
	VII	:1	--- (0,839)	0,839	0,839
	VII	:1	--- (0,667)	0,667	0,667
	R	:1	3,727 (3,295)	3,295	3,295
Final drive		:1	3,385 (3,154)	3,154	3,077
Performance					
Power-to-weight ratio		kg/kW	12,0 (12,1)	9,2	7,6
Output per litre		kW/ltr	67,6	90,1	75,5
0–100 km/h		sec	8,0 (8,3)	6,2	5,3
Standing-start km		sec	28,8 (29,2)	26,3	24,6
In 4th/5th gear	80–120 km/h	sec	8,5/10,1 (–)	(–)	(–)
Top speed		km/h	227 (224)	247	250
BMW EfficientDynamics					
BMW EfficientDynamics standard features		Brake Energy Regeneration, electromechanical power steering, Automatic Start/Stop function, Optimum Shift Indicator (manual gearbox), ECO PRO mode, intelligent lightweight construction, on-demand operation of ancillary units, differential with optimized-warm-up behaviour, map-controlled oil pump, tyres with reduced rolling resistance			
Fuel Consumption ECE ²⁾					
With standard tyres					
Urban		ltr/100 km	9,2 (8,7)	8,9	11,6
Extra-urban		ltr/100 km	5,8 (5,4)	5,6	5,9
Combined		ltr/100 km	7,0 (6,6)	6,8	8,0
CO ₂		g/km	164 (154)	159	187
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

²⁾ Fuel consumption and CO₂ emissions depend on the selected tyre format