

Specifications.

The new BMW Series 2 Gran Tourer.

218i, 220i.



		BMW 218i Gran Tourer	BMW 220i Gran Tourer
Body			
No of doors/seats		5/5	5/5
Length/width/height (unladen)	mm	4556/1800/1608	4556/1800/1608
Wheelbase	mm	2780	2780
Track, front/rear	mm	1561/1562	1557/1558
Ground clearance	mm	165	165
Turning circle	m	11,7	11,7
Fuel tank capacity	approx ltr	51	61
Engine oil ¹⁾	ltr	4,25	5,25
Weight, unladen, to DIN/ EU ³⁾	kg	1395/1470 (1425/1500)	1455/1530 (1495/1570)
Max load to DIN	kg	600	600
Max permissible weight	kg	2040 (2065)	2100 (2130)
Max axle load, front/rear	kg	1015/1040 (1045/1040)	1060/1050 (1090/1050)
Max trailer load, Braked (12%)/unbraked	kg	1500/735	1500/750
Max roofload/max towbar downl	kg	75/75	75/75
Luggage comp capacity	ltr	645–1905	645–1905
Air resistance	c _d x A	0,28 x 2,45	0,31 x 2,45
Power Unit			
Config/No of cyls/valves		In-line/3/4	In-line/4/4
Engine technology		BMW TwinPower Turbo technology with TwinScroll turbocharging, High Precision Direct Petrol Injection	
Effective capacity	cc	1499	1998
Stroke/bore	mm	94,6/82,0	94,6/82,0
Compression ratio	:1	11,0	11,0
Fuel		min, RON 91	min, RON 91
Max output	kW/hp	100/136	141/192
at	rpm	4400	5000
Max torque	Nm/lb-ft	220/162	280/207
at	rpm	1250	1250
Electrical System			
Battery / installation	Ah/–	70/Engine compartment	80/Engine compartment
Alternator	A/W	150/2100	150/2100
Driving Dynamics and Safety			
Suspension, front		Single-joint spring strut axle in lightweight aluminium-steel construction	
Suspension, rear		Multi-link axle in lightweight construction	
Brakes, front		Single-piston floating-calliper disc brakes / vented	
Brakes, rear		Single-piston floating-calliper disc brakes	
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, 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	
Steering ratio, overall	:1	15,7	15,7
Tyres, front/rear		205/60 R16 92V	205/55 R17 91W
Rims, front/rear		7,0J x 16 light alloy	7,5J x 17 light alloy

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Transmission				
Type of transmission			6-speed manual (optional: 6-speed Steptronic)	6-speed manual (optional: 8-speed Steptronic)
Gear ratios		I :1	3,615 (4,459)	3,923 (5,250)
		II :1	1,952 (2,508)	2,136 (3,029)
		III :1	1,241 (1,556)	1,276 (1,950)
		IV :1	0,969 (1,142)	0,921 (1,457)
		V :1	0,806 (0,851)	0,756 (1,221)
		VI :1	0,683 (0,672)	0,628 (1,000)
		VII :1	---- (----)	---- (0,809)
		VII :1	---- (----)	---- (0,673)
		R :1	3,538 (3,185)	3,538 (4,015)
Final drive		:1	3,882 (3,944)	3,588 (3,075)
Performance ³⁾				
Power-to-weight ratio		kg/kW	14,0 (14,3)	10,3 (10,6)
Output per litre		kW/ltr	66,7	70,6
Acceleration	0–100 km/h	sec	9,5 (9,5)	7,7 (7,6)
In 5th gear	80–120 km/h	sec	11,1 (--)	8,9 (--)
Top speed		km/h	205 (203)	223 (222)
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, air compressor disconnectable, tyres with reduced roll resistance	
Fuel Consumption ECE ²⁾				
With standard tyres				
Urban	ltr/100 km		6,6–6,3 (6,7–6,4)	8,1–7,9 (7,5–7,3)
Extra-urban	ltr/100 km		4,7–4,4 (4,8–4,6)	5,4–5,2 (5,3–5,1)
Combined	ltr/100 km		5,4–5,1 (5,5–5,2)	6,4–6,2 (6,1–5,9)
CO ₂	g/km		125–119 (128–122)	149–144 (142–137)
Emission rating			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 figures depend on the specified tyre format and optional equipment (e.g. third row of seats).

³⁾ Vehicle weight and thus performance figures may vary depending on optional equipment (e.g. third row of seats).