

Specifications.

The new BMW Series 2 Gran Tourer.

214d, 220d.



		BMW 214d Gran Tourer	BMW 220d 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. litr	51	51
Engine oil ¹⁾	litr	4,4	5,0
Weight, unladen, to DINEU ³⁾	kg	1420/1495	1475/1550 (1495/1570)
Max load to DIN	kg	600	600
Max permissible weight	kg	2060	2120 (2140)
Max axle load, front/rear	kg	1025/1045	1080/1055 (1100/1055)
Max trailer load, Braked (12%)/unbraked	kg	1400/750	1500/750
Max roofload/max towbar downl	kg	75/75	75/75
Luggage comp capacity	litr	645–1905	645–1905
Air resistance	cd x A	0,28 x 2,45	0,30 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 variable-geometry turbocharger, Common Rail direct injection	
Effective capacity	cc	1496	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	70/95	140/190
at	rpm	4000	4000
Max torque	Nm/lb-ft	220/162	400/295
at	rpm	1500	1750
Electrical System			
Battery / installation	Ah/–	80/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	6-speed manual (8-speed Steptronic)		
Gear ratios			I :1	3,615	3,538 (5,250)	
			II :1	1,952	1,923 (3,029)	
			III :1	1,241	1,219 (1,950)	
			IV :1	0,969	0,881 (1,457)	
			V :1	0,806	0,810 (1,221)	
			VI :1	0,683	0,674 (1,000)	
			VII :1	----	---- (0,809)	
			VII :1	----	---- (0,673)	
			R :1	3,538	3,831 (4,015)	
Final drive			:1	3,632	3,778 (2,839)	
Performance ³⁾						
Power-to-weight ratio			kg/kW	20,3	10,5 (10,7)	
Output per litre			kW/ltr	46,8	70,2	
Standing-start km			sec	13,5	7,9 (7,8)	
In 5th gear			80–120 km/h	sec	15,7	7,3 (–)
Top speed			km/h	180	222 (220)	
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 rolling resistance			
Fuel Consumption ECE ²⁾						
Urban			ltr/100 km	4,7–4,5	5,5–5,3 (5,2–5,0)	
Extra-urban			ltr/100 km	3,8–3,6	4,3–4,1 (4,3–4,1)	
Combined			ltr/100 km	4,1–3,9	4,7–4,5 (4,6–4,4)	
CO ₂			g/km	109–104	124–119 (122–117)	
Emission rating			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).