

# Specifications.

## The new BMW Series 2 Gran Tourer.

### 216d, 218d, 220d xDrive.



		BMW 216d Gran Tourer	BMW 218d Gran Tourer	BMW 220d xDrive Gran Tourer
<b>Body</b>				
No of doors/seats		5/5	5/5	5/5
Length/width/height (unladen)	mm	4556/1800/1608	4556/1800/1608	4556/1800/1608
Wheelbase	mm	2780	2780	2780
Track, front/rear	mm	1561/1562	1561/1562	1557/1558
Ground clearance	mm	165	165	165
Turning circle	m	11.7	11.7	11.7
Fuel Tank capacity	approx ltr	51	51	61
Engine oil <sup>1)</sup>	ltr	4,4	5,0	5,0
Weight, unladen, to DIN/EU <sup>3)</sup>	kg	1420/1495 (1430/1505)	1450/1525 (1480/1555)	1565/1640
Max load to DIN	kg	600	600	600
Max permissible	kg	2070 (2090)	2090 (2120)	2210
Max axle load, front/rear	kg	1030/1045 (1060/1045)	1060/1045 (1090/1045)	1130/1110
Max trailer load (12%), braked/unbraked	kg	1500/750	1500/750	1600/750
Max roofload/max towbar downl	kg	75/75	75/75	75/75
Luggage comp capacity	ltr	645-1905	645-1905	645-1905
Air drag	cd x A	0,28 x 2,45	0,28 x 2,45	0,31 x 2,45
<b>Power Unit</b>				
Config/No of cyls/valves		In-line/3/4	In-line/4/4	In-line/4/4
Engine technology		BMW TwinPower Turbo technology with variable-geometry turbocharger, common rail direct injection		
Capacity, effective	cc	1496	1995	1995
Stroke/bore	mm	90,0/84,0	90,0/84,0	90,0/84,0
Compression ratio	:1	16,5	16,5	16,5
Fuel		Diesel	Diesel	Diesel
Max output	kW/hp	85/116	110/150	140/190
at	rpm	4000	4000	4000
Max torque	Nm/lb-ft	270/199	330/243	400/295
at	rpm	1750	1750	1750
<b>Electrical System</b>				
Battery / installation	Ah/-	80/Engine compartment	80/Engine compartment	80/Engine compartment
Alternator	AW	150/2100	150/2100	150/2100
<b>Driving Dynamics and Safety</b>				
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), DSC cross-linked with all-wheel drive xDrive (220d xDrive), 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 transmission, overall	:1	15,7		
Tyres, front/rear		205/60 R16 92V	205/60 R16 92V	205/55 R17 91W
Rims, front/rear		7,0J x 16 light alloy	7,0J x 16 light alloy	7,5J x 17 light alloy

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<b>Transmission</b>				
Type of transmission		6-speed manual (optional: 6-speed Steptronic)	6-speed manual (optional: 8-speed Steptronic)	8-speed Steptronic
Gear ratios	I :1	3,923 (4,459)	3,923 (5,250)	5,250
	II :1	2,136 (2,508)	2,136 (3,029)	3,029
	III :1	1,276 (1,556)	1,276 (1,950)	1,950
	IV :1	0,921 (1,142)	0,921 (1,457)	1,457
	V :1	0,756 (0,851)	0,756 (1,221)	1,221
	VI :1	0,628 (0,672)	0,628 (1,000)	1,000
	VII :1	---- (----)	---- (0,809)	0,809
	VII :1	---- (----)	---- (0,673)	0,673
	R :1	3,538 (3,185)	3,538 (4,015)	4,015
Final drive	:1	3,389 (3,234)	3,389 (2,839)	2,839
<b>Performance<sup>3)</sup></b>				
Power-to-weight ratio	kg/kW	16,7 (16,8)	13,2 (13,5)	11,2
Output per litre	kW/ltr	56,8	55,1	70,2
Acceleration	0–100 km/h	11,1 (10,9)	9,3 (9,3)	7,6
In 5th gear	80–120 km/h	12,1 (–)	9,8 (–)	–
Top speed	km/h	192 (192)	205 (207)	218
<b>BMW EfficientDynamics</b>				
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			
<b>Fuel Consumption ECE<sup>2)</sup></b>				
With standard tyres:				
Urban	ltr/100 km	4,7–4,5 (4,7–4,5)	5,3–5,1 (5,1–4,9)	5,7–5,5
Extra-urban	ltr/100 km	3,8–3,6 (4,0–3,8)	4,1–3,9 (4,2–4,0)	4,7–4,5
Combined	ltr/100 km	4,1–3,9 (4,3–4,0)	4,5–4,3 (4,5–4,3)	5,1–4,9
CO <sub>2</sub>	g/km	109–104 (112–106)	119–114 (119–114)	133–128
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.

<sup>1)</sup> Oil change

<sup>2)</sup> Fuel consumption and CO<sub>2</sub> emissions figures depend on the specified tyre format and optional equipment (e.g. third row of seats).

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