

# Specifications.

## The BMW Series 2 Gran Tourer.

### 216i, 218i, 220i.



		BMW 216i	BMW 218i	BMW 220i
<b>Body</b>				
No of doors/seats		5/5	5/5	5/5
Length/width/height (unladen)	mm	4568/1800/1608	4568/1800/1608	4568/1800/1608
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	51
Engine oil <sup>1)</sup>	ltr	4.25	4.25	5.25
Weight, unladen, to DIN/EU	kg	1410/1485	1415/1490 (1440/1515)	1485/1560
Max load to DIN	kg	630	630	630
Max permissible weight	kg	2055	2060 (2090)	2140
Max axle load, front/rear	kg	1010/1055	1015/1055 (1045/1055)	1075/1065
Max trailer load, Braked (12%)/unbraked	kg	1100/730	1500/735	1500/750
Max roofload/max towbar download	kg	75/75	75/75	75/75
Luggage comp capacity	ltr	645–1905	645–1905	645–1905
Air resistance	C <sub>d</sub> x A	0.30 x 2.45	0.28 x 2.45 (0.30 x 2.45)	0.32 x 2.45
<b>Power Unit</b>				
Config/No of cyls/valves		In-line/3/4	In-line/3/4	In-line/4/4
Engine technology		BMW TwinPower Turbo technology: turbocharger (220i: TwinScroll turbocharger), High Precision Direct Injection, VALVETRONIC fully variable valve control, Double-VANOS variable camshaft timing		
Effective capacity	cc	1499	1499	1998
Stroke/bore	mm	94.6/82.0	94.6/82.0	94.6/82.0
Compression ratio	:1	11.0	11.0	11.0
Fuel		min. RON 91	min. RON 91	min. RON 91
Max output	kW/hp	80/109	103/140	141/192
at	rpm	4100–6500	4500–6500	5000–6000
Max torque	Nm/lb-ft	190/140	220/162	280/207
at	rpm	1350–3800	1480–4200	1350–4600
<b>Electrical System</b>				
Battery / installation		Ah/– 70/ Engine compartment	70/ Engine compartment	70/ Engine compartment
<b>Driving Dynamics and Safety</b>				
Suspension, front		Single-joint spring-strut axle in lightweight steel construction		
Suspension, rear		Central-arm 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; Drive Performance Control; optional: Dynamic Damper 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 stopper, belt latch tensioner and belt force limiter at the front seats		
Steering		Electric Power Steering (EPS); optional: Servotronic function		
Steering ratio, overall	:1	16.0	16.0	16.0
Tyres, front/rear		205/60 R16 96V	205/60 R16 96V	205/55 R17 95W
Rims, front/rear		7.0J x 16 light alloy	7.0J x 16 light alloy	7.5J x 17 light alloy

		BMW 216i	BMW 218i	BMW 220i
<b>Transmission</b>				
Type of transmission		Six-speed manual	Six-speed manual (optional: seven-speed DCT)	seven-speed DCT
Gear ratios	I :1	3.615	3.615 (17.348)	15.304
	II :1	1.952	1.952 (10.232)	9.026
	III :1	1.241	1.241 (6.593)	5.735
	IV :1	0.969	0.969 (4.615)	4.015
	V :1	0.806	0.806 (3.572)	3.108
	VI :1	0.683	0.683 (2.819)	2.487
	VII :1	--	-- (2.285)	2.016
	VIII :1	--	--	--
	R :1	3.538	3.538 (15.892)	13.825
<b>Performance</b>				
Power-to-weight ratio	kg/kW	17.6	13.7 (14.0)	10.5
Output per litre	kW/ltr	53.4	68.7	70.6
0–100 km/h	sec	11.7	9.5 (9.8)	7.6
In 5th gear 80–120 km/h	sec	14.9	11.4 (–)	–
Top speed	km/h	188	205 (205)	222
<b>BMW EfficientDynamics</b>				
BMW EfficientDynamics standard features		Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, Optimum Shift Indicator (manual gearbox), ECO PRO mode, coasting function (automatic), intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-regulated oil pump, tyres with reduced rolling resistance		
<b>Fuel Consumption ECE<sup>2)</sup></b>				
Urban	ltr/100 km	7.4–7.1	7.3–7.3 (7.2–7.2)	7.4*
Extra-urban	ltr/100 km	5.3–5.1	5.2–5.0 (5.3–5.2)	5.4*
Combined	ltr/100 km	6.1–5.9	6.0–5.9 (6.0)	6.1*
CO <sub>2</sub>	g/km	139–134	137–134 (137)	140*
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> The fuel consumption, CO<sub>2</sub> emissions and operating range figures were determined according to the European Regulation (EC) 715/2007 in the version applicable at the time of type approval. The figures refer to a vehicle with basic configuration in Germany and the range shown considers the different size of the selected wheels and tires. The values are already based on the new WLTP regulation and are translated back into NEDC-equivalent values in order to ensure the comparison between the vehicles. With respect to these vehicles, for vehicle-related taxes or other duties based (at least inter alia) on CO<sub>2</sub> emissions, the CO<sub>2</sub> values may differ to the values stated here (depending on national legislation). The CO<sub>2</sub> efficiency specifications are determined according to Directive 1999/94/EC and the Pkw-EnVKV, and based (for classification) on the fuel consumption and CO<sub>2</sub> values as per the NEDC. \*Fuel consumption and CO<sub>2</sub> values based on NEDC.

# The BMW Series 2 Gran Tourer. 216d, 218d, 218d xDrive.

		BMW 216d	BMW 218d	BMW 218d xDrive
<b>Body</b>				
No of doors/seats		5/5	5/5	5/5
Length/width/height (unladen)	mm	4568/1800/1608	4568/1800/1608	4568/1800/1608
Wheelbase	mm	2780	2780	2780
Track, front/rear	mm	1561/1562	1557/1558	1557/1558
Ground clearance	mm	165	165	165
Turning circle	m	11.7	11.7	11.7
Fuel tank capacity	Approx. ltr	51	51	51
Engine oil <sup>1)</sup>	ltr	4.8	5.5	5.5
Weight, unladen, to DIN/EU	kg	1480/1555 (1500/1575)	1515/1590 (1540/1615)	1590/1665 (1610/1685)
Max load to DIN	kg	630	630	630
Max permissible weight	kg	2130 (2155)	2170 (2205)	2245 (2265)
Max axle load, front/rear	kg	1055/1090 (1075/1090)	1090/1090 (1130/1090)	1125/1130 (1150/1125)
Max trailer load, Braked (12%)/unbraked	kg	1500/750	1500/750	1600/750
Max roofload/max towbar download	kg	75/75	75/75	75/75
Luggage comp capacity	ltr	645–1905	645–1905	645–1905
Air resistance	Cd x A	0.28 x 2.45	0.28 x 2.45	0.29 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: variable-geometry turbocharger (218d/218d xDrive: multi-stage charging, variable-geometry turbocharger), common-rail direct injection with solenoid valve injectors		
Effective capacity	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	110/150
at	rpm	4000	4000	4000
Max torque	Nm/lb-ft	270/199	350/258	350/258
at	rpm	1750–2250	1750–2500	1750–2500
<b>Electrical System</b>				
Battery / installation	Ah/–	70/ Engine compartment	70/ Engine compartment	70/ Engine compartment
<b>Driving Dynamics and Safety</b>				
Suspension, front		Single-joint spring-strut axle in lightweight steel construction		
Suspension, rear		Central-arm 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; DSC networked with xDrive all-wheel-drive system (218d xDrive), Drive Performance Control; optional: Dynamic Damper 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 stopper, belt latch tensioner and belt force limiter at the front seats		
Steering		Electric Power Steering (EPS); optional: Servotronic function, variable sport steering		
Steering ratio, overall	:1	16.0	16.0	16.0
Tyres, front/rear		205/60 R16 96V	205/55 R17 95W	205/55 R17 95W
Rims, front/rear		7.0J x 16 light alloy	7.5J x 17 light alloy	7.5J x 17 light alloy

			BMW 216d	BMW 218d	BMW 218d xDrive
Transmission					
Type of transmission			Six-speed manual (optional: seven-speed DCT)	Six-speed manual (optional: eight-speed Steptronic)	Six-speed manual (optional: eight-speed Steptronic)
Gear ratios	I	:1	3.923 (16.385)	3.923 (5.519)	3.539 (5.519)
	II	:1	2.136 (9.664)	2.136 (3.184)	1.923 (3.184)
	III	:1	1.276 (6.181)	1.276 (2.050)	1.219 (2.050)
	IV	:1	0.921 (4.327)	0.919 (1.492)	0.881 (1.492)
	V	:1	0.756 (3.349)	0.725 (1.235)	0.810 (1.235)
	VI	:1	0.628 (2.663)	0.605 (1.000)	0.674 (1.000)
	VII	:1	-- (2.158)	-- (0.801)	-- (0.801)
	VII	:1	--	-- (0.673)	-- (0.673)
	R	:1	3.538 (14.898)	3.538 (4.221)	3.831 (4.221)
Performance					
Power-to-weight ratio		kg/kW	17.4 (17.6)	13.8 (14.0)	14.5 (14.6)
Output per litre		kW/ltr	56.8	55.1	55.1
0–100 km/h		sec	11.5 (11.5)	9.4 (9.4)	9.1 (9.4)
In 5th gear	80–120 km/h	sec	12.5	9.4 (–)	9.3 (–)
Top speed		km/h	192 (192)	205 (207)	205 (205)
BMW EfficientDynamics					
BMW EfficientDynamics standard features		Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, Optimum Shift Indicator (manual gearbox), ECO PRO mode, coasting function (automatic), intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-regulated oil pump, tyres with reduced rolling resistance			
Fuel Consumption ECE <sup>2)</sup>					
Urban	ltr/100 km		4.9 (4.7)	5.4–5.2 (5.3–5.2)	5.9 (5.4)
Extra-urban	ltr/100 km		4.1 (4.3)	4.2–4.1 (4.4–4.2)	4.8 (4.5)
Combined	ltr/100 km		4.4 (4.5–4.4)	4.6–4.6 (4.7–4.6)	5.2 (4.8)
CO <sub>2</sub>	g/km		116 (117–117)	121–120 (125–121)	137 (127)
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> The fuel consumption, CO<sub>2</sub> emissions and operating range figures were determined according to the European Regulation (EC) 715/2007 in the version applicable at the time of type approval. The figures refer to a vehicle with basic configuration in Germany and the range shown considers the different size of the selected wheels and tyres. The values are already based on the new WLTP regulation and are translated back into NEDC-equivalent values in order to ensure the comparison between the vehicles. With respect to these vehicles, for vehicle-related taxes or other duties based (at least inter alia) on CO<sub>2</sub> emissions, the CO<sub>2</sub> values may differ to the values stated here (depending on national legislation). The CO<sub>2</sub> efficiency specifications are determined according to Directive 1999/94/EC and the Pkw-EnVKV, and based (for classification) on the fuel consumption and CO<sub>2</sub> values as per the NEDC.

# The BMW Series 2 Gran Tourer. 220d, 220d xDrive.

		BMW 220d	BMW 220d xDrive
<b>Body</b>			
No of doors/seats		5/5	5/5
Length/width/height (unladen)	mm	4568/1800/1608	4568/1800/1608
Wheelbase	mm	2780	2780
Track, front/rear	mm	1557/1558	1557/1558
Ground clearance	mm	165	165
Turning circle	m	11.7	11.7
Fuel tank capacity	app. ltr	51	51
Engine oil <sup>1)</sup>	ltr	5.5	5.5
Weight, unladen, to DIN/EU	kg	1555/1630	1615/1690
Max load to DIN	kg	630	630
Max permissible weight	kg	2220	2280
Max axle load, front/rear	kg	1125/1100	1145/1140
Max trailer load,	kg	1500/750	1600/750
Braked (12%)/unbraked			
Max roofload/max towbar download	kg	75/75	75/75
Luggage comp capacity	ltr	645–1905	645–1905
Air resistance	Cd x A	0.30 x 2.45	0.31 x 2.45
<b>Power Unit</b>			
Config/No of cyls/valves		In-line/4/4	In-line/4/4
Engine technology		BMW TwinPower Turbo technology: multi-stage charging, variable-geometry turbocharger, common-rail direct injection with solenoid valve injectors	
Effective capacity	cc	1995	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	140/190	140/190
at	rpm	4000	4000
Max torque	Nm/lb-ft	400/295	400/295
at	rpm	1750–2500	1750–2500
<b>Electrical System</b>			
Battery / installation	Ah/–	70/ Engine compartment	70/ Engine compartment
<b>Driving Dynamics and Safety</b>			
Suspension, front		Single-joint spring-strut axle in lightweight steel construction	
Suspension, rear		Central-arm 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; DSC networked with xDrive all-wheel-drive system (220d xDrive), Drive Performance Control; optional: Dynamic Damper 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 stopper, belt latch tensioner and belt force limiter at the front seats	
Steering		Electric Power Steering (EPS); optional: Servotronic function	
Steering ratio, overall	:1	16.0	16.0
Tyres, front/rear		205/55 R17 95W	205/55 R17 95W
Rims, front/rear		7.5J x 17 light alloy	7.5J x 17 light alloy

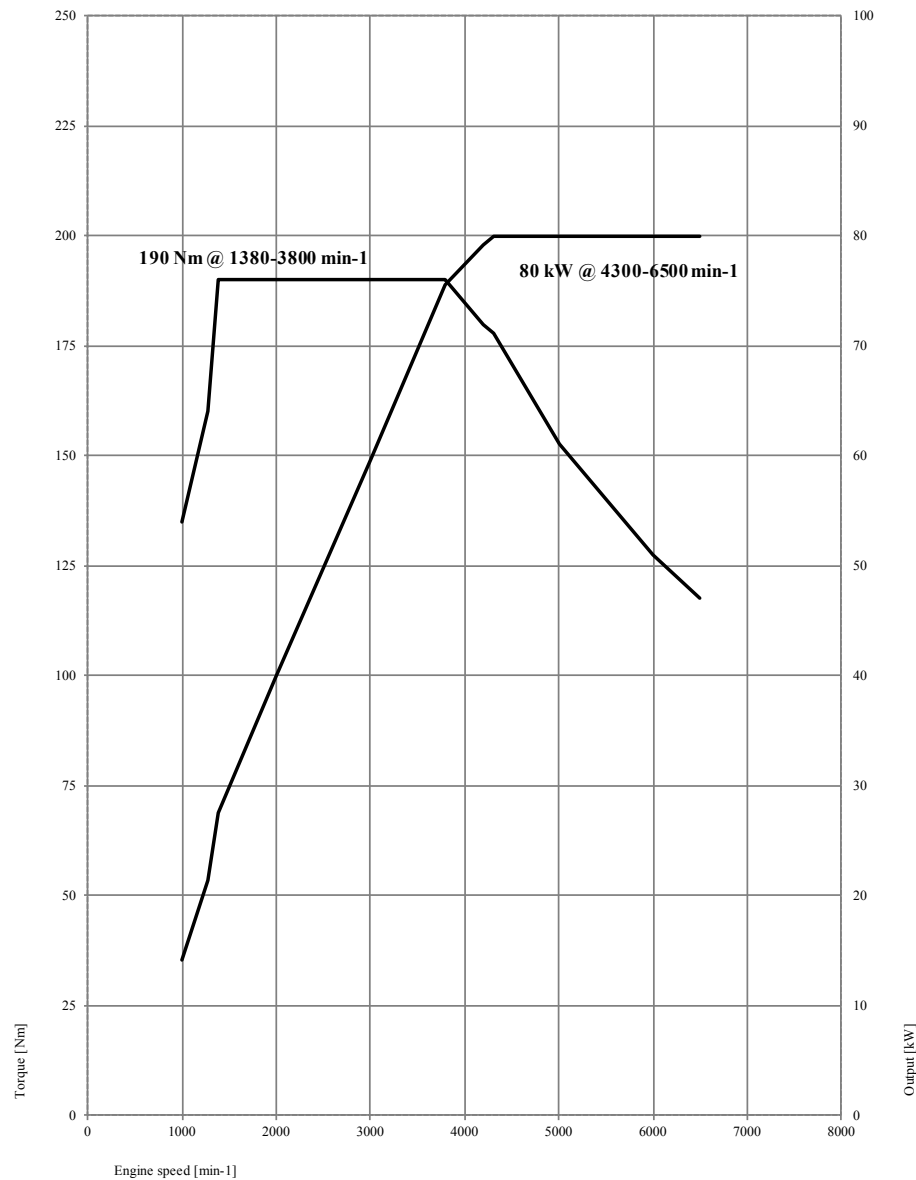
BMW 220d			BMW 220d xDrive	
Transmission				
Type of transmission	Eight-speed Steptronic		Eight-speed Steptronic	
Gear ratios	I	:1	5.519	5.519
	II	:1	3.184	3.184
	III	:1	2.050	2.050
	IV	:1	1.492	1.492
	V	:1	1.235	1.235
	VI	:1	1.000	1.000
	VII	:1	0.801	0.801
	VII	:1	0.673	0.673
	R	:1	4.221	4.221
Performance				
Power-to-weight ratio	kg/kW	11.1	11.5	
Output per litre	kW/ltr	70.2	70.2	
0–100 km/h	sec	8.0	7.8	
In 5th gear 80–120 km/h	sec	–	–	
Top speed	km/h	220	218	
BMW EfficientDynamics				
BMW EfficientDynamics standard features		Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, ECO PRO mode, coasting function, intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-regulated oil pump, tyres with reduced rolling resistance		
Fuel Consumption ECE <sup>2)</sup>				
Urban	ltr/100 km	5.1	5.4	
Extra-urban	ltr/100 km	4.3	4.6	
Combined	ltr/100 km	4.6–4.6	4.9–4.8	
CO <sub>2</sub>	g/km	122–121	129–128	
Emission rating		EU6	EU6	

Specifications apply to ACEA markets/data relevant to homologation apply in part only to Germany (weight)

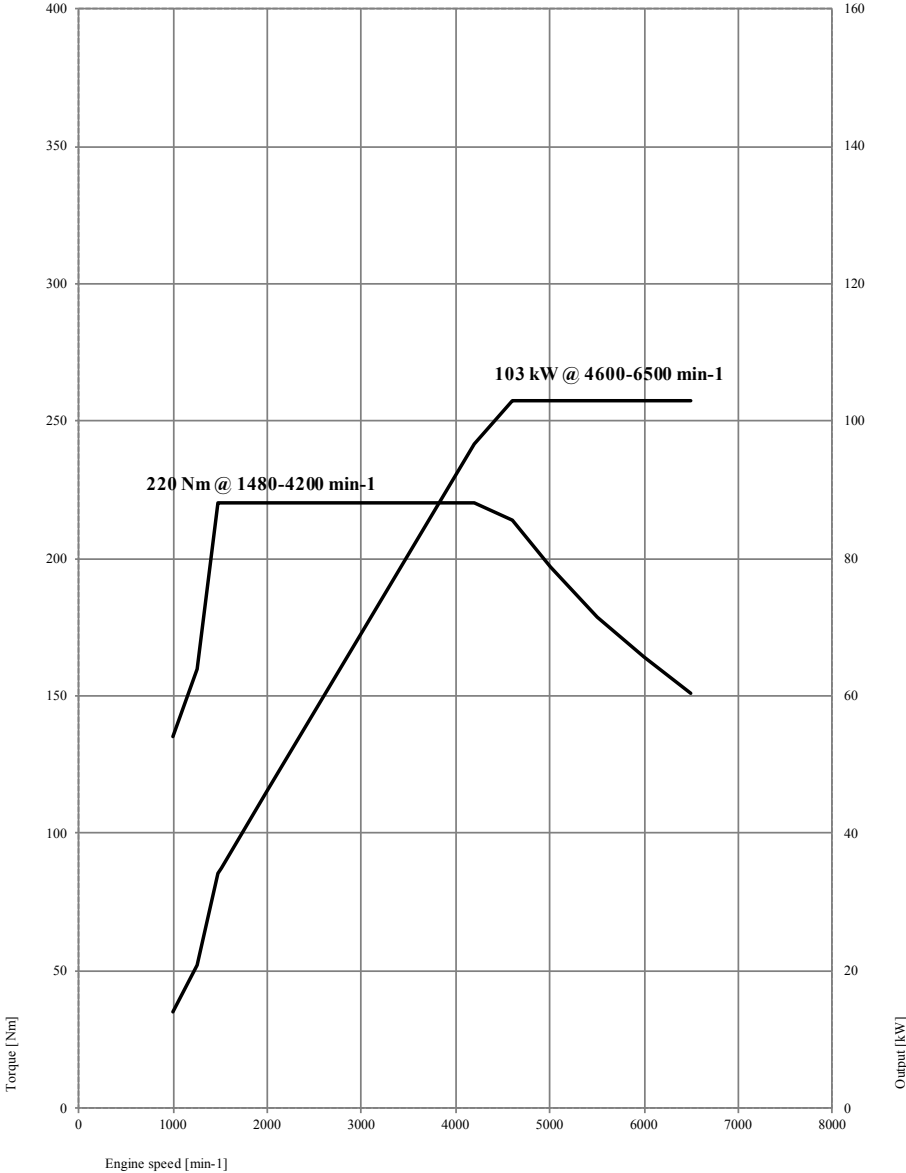
<sup>1)</sup> Oil change

<sup>2)</sup> The fuel consumption, CO<sub>2</sub> emissions and operating range figures were determined according to the European Regulation (EC) 715/2007 in the version applicable at the time of type approval. The figures refer to a vehicle with basic configuration in Germany and the range shown considers the different size of the selected wheels and tires. The values are already based on the new WLTP regulation and are translated back into NEDC-equivalent values in order to ensure the comparison between the vehicles. With respect to these vehicles, for vehicle-related taxes or other duties based (at least inter alia) on CO<sub>2</sub> emissions, the CO<sub>2</sub> values may differ to the values stated here (depending on national legislation). The CO<sub>2</sub> efficiency specifications are determined according to Directive 1999/94/EC and the Pkw-EnVKV, and based (for classification) on the fuel consumption and CO<sub>2</sub> values as per the NEDC.

# Output and torque diagrams. The BMW Series 2 Gran Tourer. 216i

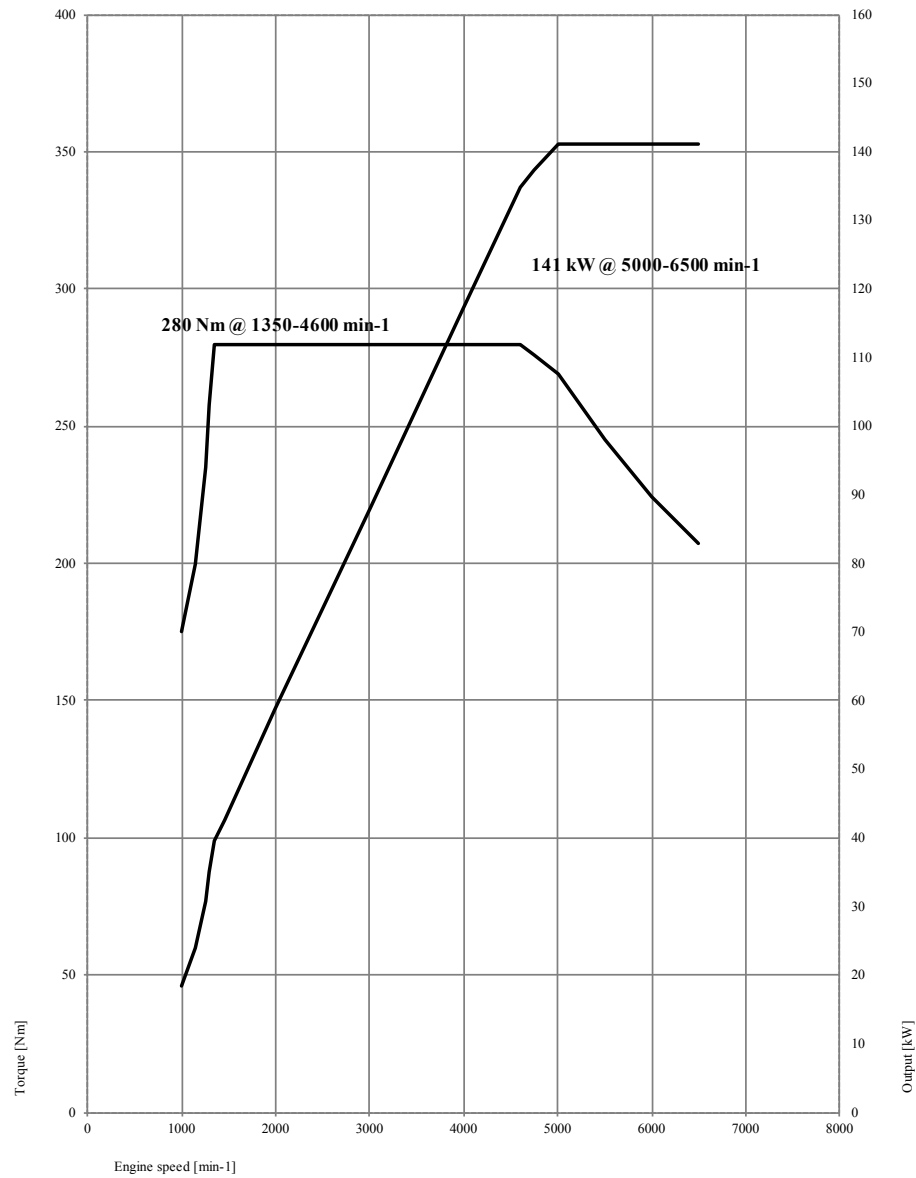


# The BMW Series 2 Gran Tourer. 218i

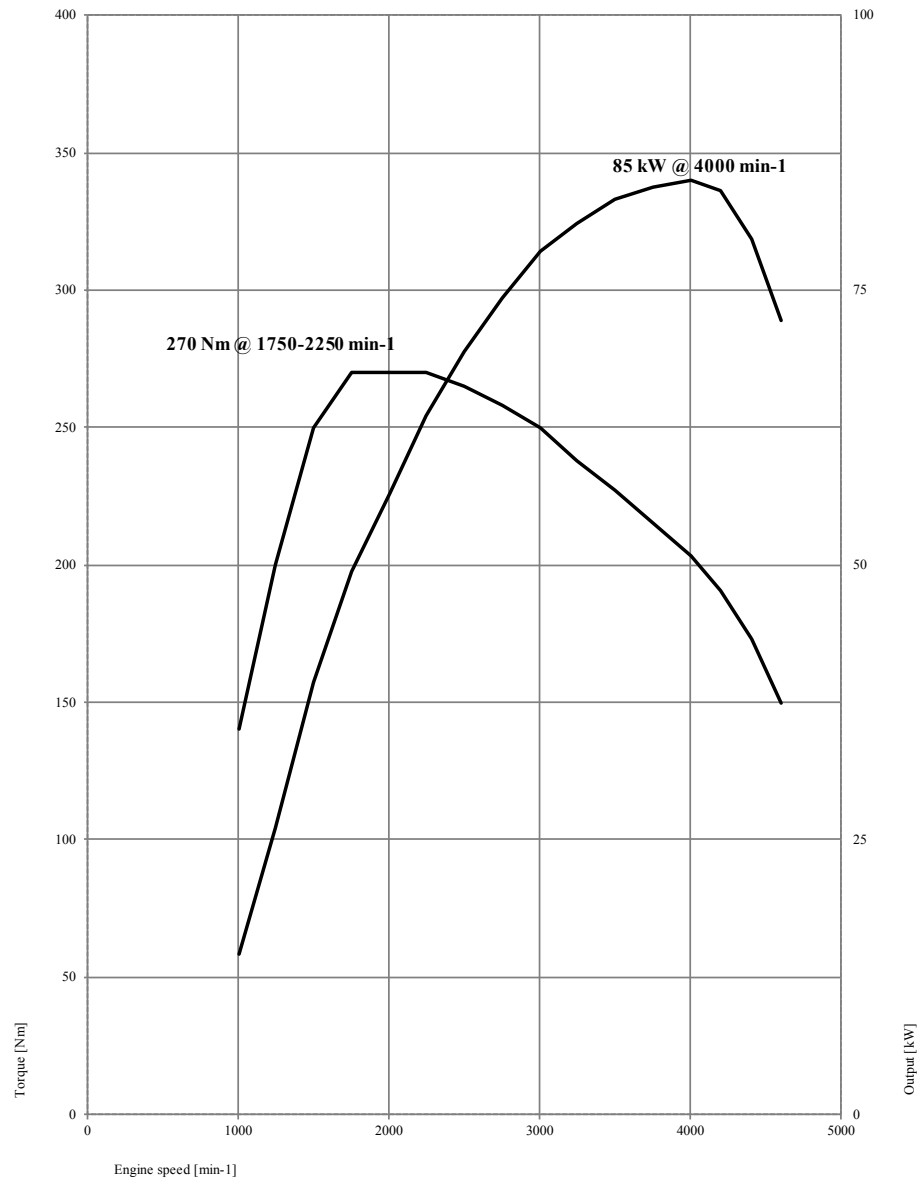




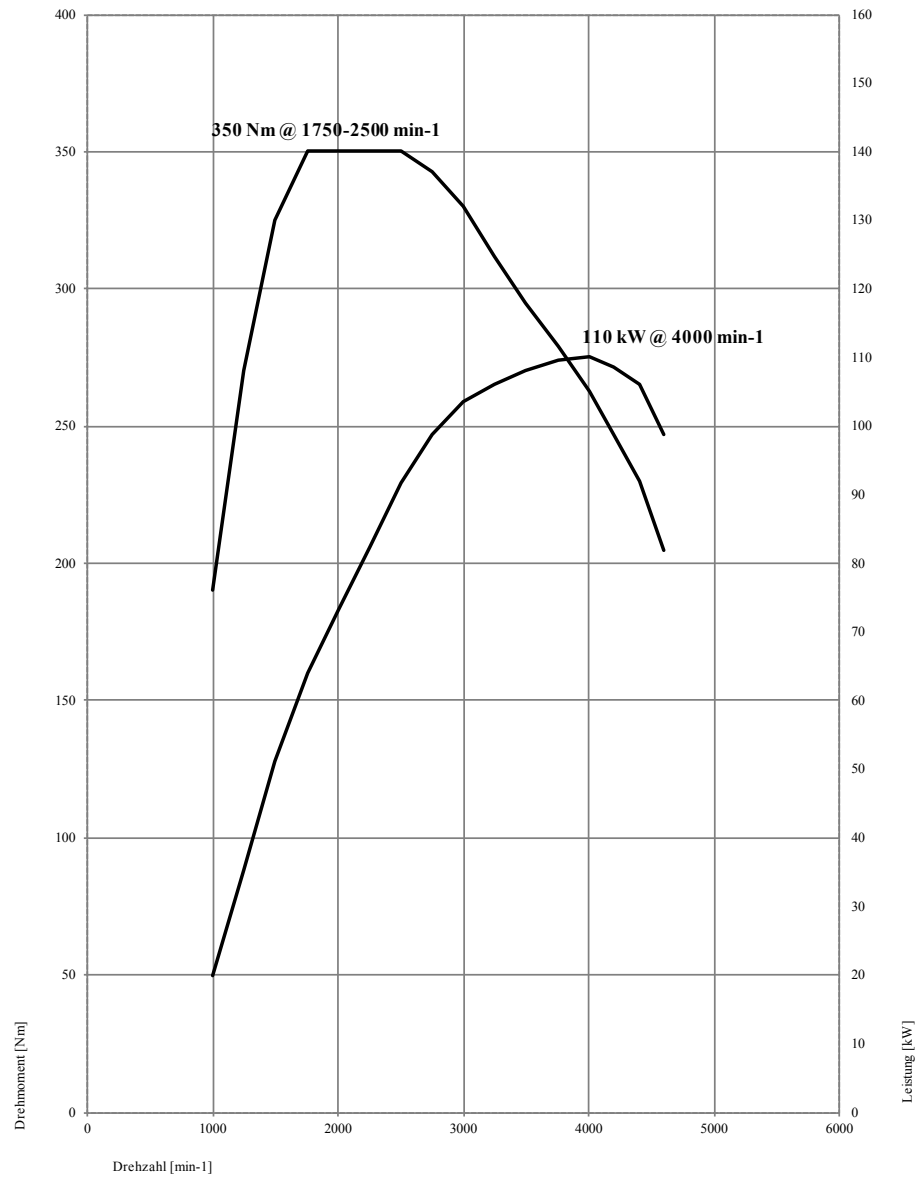
# The BMW Series 2 Gran Tourer. 220i



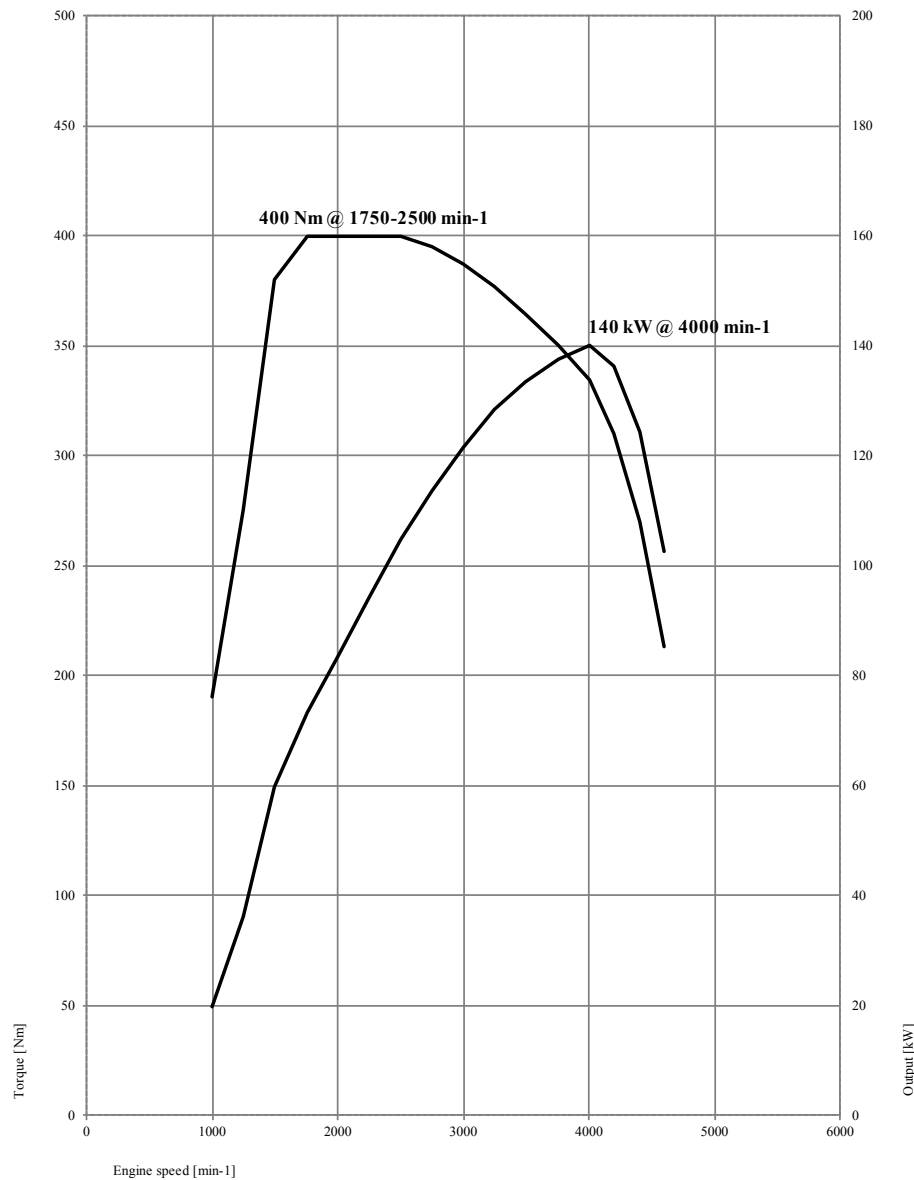
# The BMW Series 2 Gran Tourer. 216d.



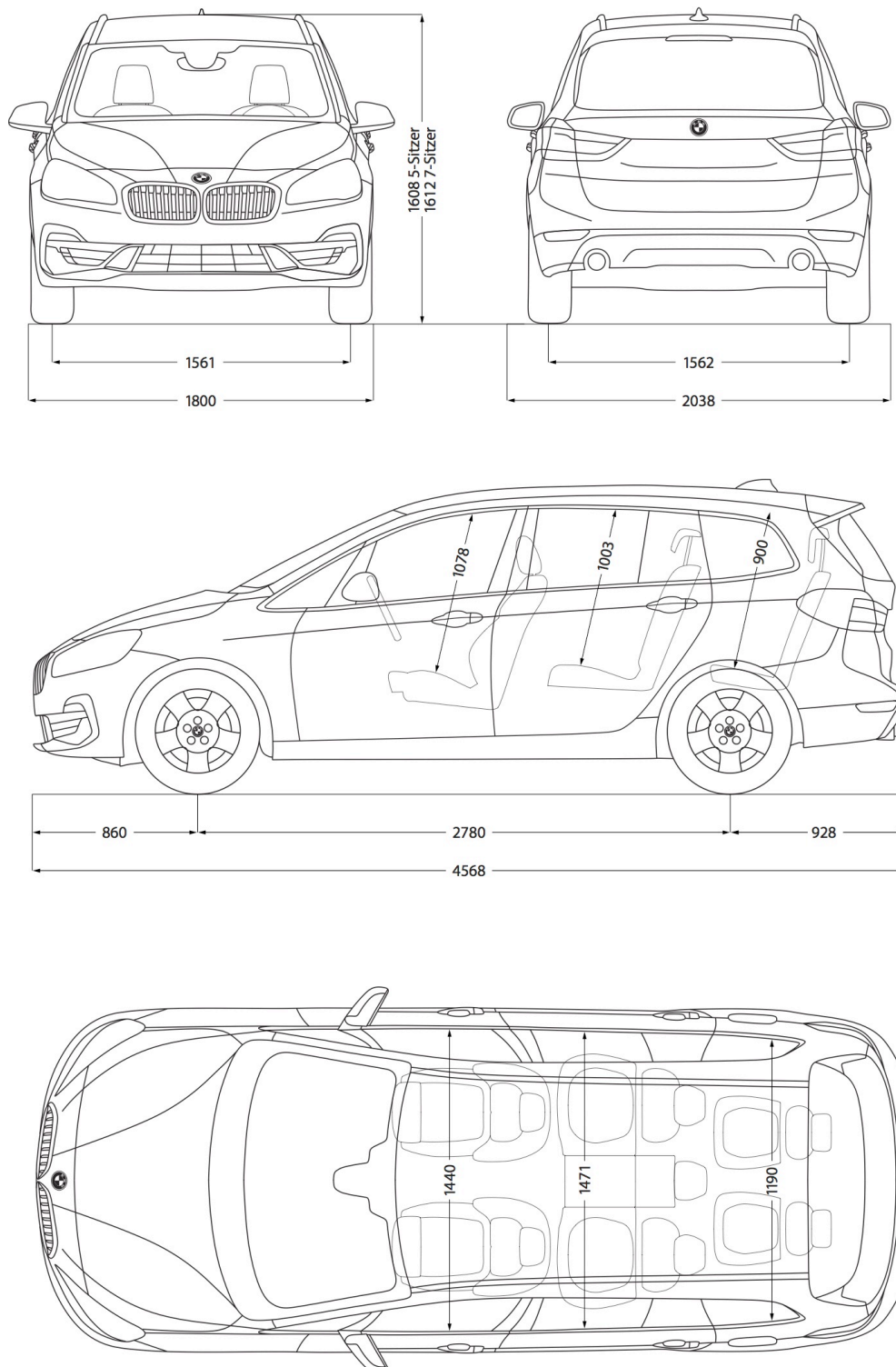
# The BMW Series 2 Gran Tourer. 218d.



# The BMW Series 2 Gran Tourer. 220d.



# Exterior and interior dimensions. The BMW Series 2 Gran Tourer.



\*dimensions in cm