**Specifications.** The BMW Series 2 Gran Tourer. 216i, 218i, 220i.



Lengthwidthheight (unladen)    mm    4568/1800/1608    4568/1800/1608    2780    2780      Wheibbae    mm    2780    2780    2780    2780      Track, frontrear    mm    1651/1562    156/11562    156/11562      Track, frontrear    mm    165    165    165      Tuming cicle    m    11.7    11.7    11.7      Fuel Rak capacity    Approx. Itr    51    55    522      Weight, unladen, to DIN/EU    kg    1410/1485    1415/1400    1485/1560      Max load to DIN    kg    630    633    633      Max avale load, front/rear    kg    100/055    1075/1065    1075/1065      Max robotad/max towbar    kg    75/75    75/75    75/75      Max robotad/max towbar    kg    75/75    75/75    75/75      Max robotad/max towbar    kg    75/75    75/75    75/75      Oxing/No of cyls/valves    In-line/3/4    In-line/3/4    In-line/3/4    In-line/3/4      Loggage comp capacity			BMW 216i	BMW 218i	BMW 220i	
No of doors/seats    5/5    1/5	Body					
Lengthwildtheight (unladen)    mm    4568/1800/1608    4568/1800/1608    4568/1800/1608      Wheelbase    mm    2780    2780    2780      Track, frontrivar    mm    1661/1562    1551/1562    1557/1565      Ground clearance    mm    117    11.7    11.7    11.7      Funding circle    m    11.7    11.7    11.7    11.7      Funding circle    Max clead to DIN    kg    630    633    633      Max load to DIN    kg    630    630    633    633      Max ake load, font/rear    kg    1000730    1500755    10751/065      Max robfoad/max towbar    kg    75/7    75/75    75/75      Max robfoad/max towbar    kg    75/75    75/75    75/75			5/5	5/5	5/5	
Wheelesse    mm    2780    2780    2780      Track, front/tear    mm    1561/1562    155/1/1562    155/1/1562      Turning circle    m    11.7    11.7    11.7      Fuel tank capacity    Approx. Itr    51    51    57      Fuel tank capacity    Approx. Itr    51    51    52      Weight, unladen, to DIN/EU    kg    1410/1485    1415/1490    1485/1566      Max permissible weight    kg    2055    2060 (2000)    2144      Max permissible weight    kg    1010/1055    1015/1055    1075/1066      Max rooffoad/max towbar    kg    75/75    75/75    75/75      Max rooffoad/max towbar    kg    75/75    75/75    75/75      Advinolad    Luggage comp capacity    Itr    645–1905    645–1905    645–1905      Max rooffoad/max towbar    C_g x A    0.30 x 2.45    0.28 x 2.45    0.32 x 2.45      Config/No of cyls/valves    In-line/3/4    In-line/3/4    In-line/4/4      Engine technology    <		mm				
Trads, front/rear    mm    1561/1562    1561/1562    157/1563      Ground clearance    mm    165    165    166    167      Turning circle    m    11.7    11.7    11.7    11.7      Fuel tank capacity    Approx. Itr    51    51    55    522      Weight, unladen, to DIN/EU    kg    1410/1485    1415/1490    1485/1560      Max add to DIN    kg    630    630    633      Max ade to DIN    kg    1010/155    1015/1055    1075/1065      Max ade todd, front/rear    kg    1100/730    1500/735    1500/755      Max trailer load,    kg    1100/730    1500/735    1500/755      Max rooffoad/max towbaar    kg    75/75    75/75    75/75    75/75      Apgrox, Itr    645-1905    645-1905    645-1905    645-1905      Max rooffoad/max towbaar    In-line/3/4    In-line/3/4    In-line/3/4    In-line/3/4      Lyggage comp capacity    Itr    645-1905    645-1905    645-1905						
Ground clearance    mm    165    165    165      Turning circle    m    11.7    11.7    11.7      Funding circle    m    11.7    11.7    11.7      Liget tark capacity    Approx. Itr    51    51    57      Weight, unladen, to DIN/EU    kg    1410/1485    1415/1490    1445/1490      Max load to DIN    kg    630    630    630      Max permissible weight    kg    2055    2060 (2000)    2144      Max abe load, front/rear    kg    1100/730    1500/735    1500/756      Max roofload/max towbar    kg    75/75    75/75    75/75      Approxing    Kg    75/75    75/75    75/75      Approxing    Itr    645–1905    645–1905    645–1905      Ar resistance    C <sub>0</sub> x A    0.30 x.2.45    0.23 x.2.45    0.32 x.2.45      Config/No of cyls/valves    In-line/3/4    In-line/3/4    In-line/3/4    In-line/3/4      Config/No of cyls/valves    In-line/3/4    In-line/3/4						
Turning circle    m    11.7    11.7    11.7    11.7      Fuel tark capacity    Approx.tr    51    51    55      Max period    1tr    4.25    4.25    5.22      Weight, unladen, to DIN/EU    kg    1410/1485    1415/1490    1485/1560      Max load to DIN    kg    630    630    633      Max ave load, front/rear    kg    1010/1055    1015/1055    1075/1065      Max ave load, front/rear    kg    1100/730    1500/755    1500/755      Max rooffoadmax towbar    kg    75/75    75/75    75/75      Max rooffoadmax towbar    kg    75/75    75/75    75/75      Odwmload    645–1905    645–1905    645–1905    645–1905      ConfigNo of cyls/valves    In-line/3/4    In-line/3/4    In-line/4/4      ConfigNo of cyls/valves    In-line/3/4    In-line/3/4    In-line/4/4      Engine technology    BMW TwinPower Turbo technology, turbocharger (220): TwinScroll    turbocharger, High Precision Direct higecton, VALVETRONIC fuly variable valve control, Double-VANOS variable camsha					165	
Fuel tark capacity    Approx. Itr    51    51    51      Engine oil <sup>15</sup> Itr    4.25    4.25    5.22      Weight, unladen, to DINEU    kg    1410/1485    1415/1490    1485/1560      Max load to DIN    kg    630    630    633      Max ade load, front/rear    kg    1010/1055    1015/1055    1075/1065      Max ade load, front/rear    kg    1010/730    1500/735    1500/735      Max trailer load, kg    1100/730    1500/735    1500/735    1500/735      Max trailer load, kg    75/75    75/75    75/75    75/75      Max roofload/max towbar    kg    75/75    75/75    75/75      Max roofload/max towbar    kg    0.30 x 2.45    0.28 x 2.45    0.32 x 2.45      Luggage comp capacity    ttr    645–1905    645–1905    645–1905      ConfigNo of cyls/valves    In-line/3/4    In-line/3/4    In-line/3/4      Engine echnology    BMW TwinPower Turbo technology: turbocharger (220: TwinScroll    turbocharger, High Phecision Direct Injection, VALVETRONC fully variable						
Engine oil <sup>10</sup> Itr    4.25    5.22      Weight, unladen, to DINIEU    kg    1410/1485    1415/1490    1485/1560      Max lead to DIN    kg    630    630    633      Max permissible weight    kg    2055    2060 (2090)    2140      Max axel load, front/rear    kg    1010/1055    1015/1055    1075/1065      Max trailer load,    kg    1100/730    1500/735    1500/735      Max roofload/max towbar    kg    75/75    75/75    75/75      download     645–1905    645–1905    645–1905      Luggage comp capacity    Itr    645–1905    645–1905    645–1905      Ar resistance    C <sub>a</sub> x A    0.30 x 2.45    0.32 x 2.45    0.32 x 2.45      Config/No of cyls/valves    In-line/3/4    In-line/3/4    In-line/4/4    In-line/3/4      Efficitive capacity    cc    1499    1499    1989      Strokebore    mm    94.6/82.0    94.6/82.0    94.6/82.0      Comfresion ratio    :1    11.0	<b>v</b>				51	
Weight, unladen, to DIN/EU    kg    1410/1485    1415/1490    1485/1560      Max load to DIN    kg    630    630    630    630      Max load to DIN    kg    630    630    630    630      Max ade load, front/rear    kg    1010/1055    1015/1055    1075/1065      Max trailer load,    kg    1100/730    1500/735    1500/735      Max trailer load,    kg    75/75    75/75    75/75      Max trailer load,    kg    75/75    75/75    75/75      download    Luggage comp capacity    Itr    645–1905    645–1905    645–1905      Air resistance    C <sub>a</sub> x A    0.30 x 2.45    0.28 x 2.45    0.32 x 2.45      Config/No of cyls/valves    In-line/3/4    In-line/3/4    In-line/4/4      Engine technology    BMW TwinPower Turbo technology: turbocharger (220): TwinScroll    turbocharger, 146P Procision Direct Injection, VALVETRONIC fully variable      Valve control, Double-VANOS variable camshaft timing    Effective capacity    cc    1499    1990      Torkehore    mm						
Max permissible weight    kg    2055    2060 (2090)    214(      Max ave load, front/rear    kg    1010/1055    1015/1055    1075/1065      Max rate load, front/rear    kg    1100/1055    1015/1055    1007/50      Braked (12%)/ubraked    kg    75/75    75/75    75/75      Max roofload/max towbar    kg    75/75    75/75    75/75      download    Luggage comp capacity    Itr    645–1905    645–1905    645–1905      Air resistance    C <sub>d</sub> × A    0.30 x 2.45    0.28 x 2.45    0.32 x 2.45      Config/No of cyls/valves    In-line/3/4    In-line/3/4    In-line/4/4      Engine technology    BMW TwinPower Turbo technology: turbocharger (220: TwinScroll    turbocharger), High Precision Direct Injection, VAL VETRONIC fully variable valve control, Double-VANOS variable camshaft timing      Effective capacity    cc    1499    1990      StrokeBore    mm    94.6/82.0    94.6/82.0    94.6/82.0      Compression ratio    :1    11.0    11.0    11.0    11.0      Fuel    min. RON 91 <td< td=""><td></td><td></td><td></td><td>1415/1490</td><td>1485/1560</td></td<>				1415/1490	1485/1560	
Max permissible weight    kg    2055    2060 (2090)    2140      Max ake load, front/rear    kg    1010/1055    1015/1055    1075/1063      Max trailer load,    kg    1100/730    1500/735    1500/755      Braked (12%)/ubraked    12%0/ubraked    1500/735    1500/755      Max roofload/max towbar    kg    75/75    75/75    75/75      download    1    645–1905    645–1905    645–1905      Liggage comp capacity    Itr    645–1905    6445–1905    645–1905      Air resistance    C <sub>d</sub> × A    0.30 x 2.45    0.28 x 2.45    0.32 x 2.45      Config/No of cyts/valves    In-line/3/4    In-line/3/4    In-line/4/4      Engine technology    BMW TwinPower Turbo technology: turbocharger (220: TwinScroll    turbocharger), High Precision Direct Injection, VAL VETRONIC fully variable      Value    mm    94.682.0    94.682.0    94.682.0      Compression ratio    :1    11.0    11.0    11.1      Fuel    min. RON 91    min. RON 91    min. RON 91      Max output	Max load to DIN	ka	630	630	630	
Max axle load, front/rear    kg    1010/1055    1015/1055    1075/1065      Max trailer load, Max trailer load, Max rooffoad/max towbar    kg    1100/730    1500/735    1500/755      Braked (12%)/unbraked    Max rooffoad/max towbar    kg    75/75    75/75    75/75      Max rooffoad/max towbar    kg    75/75    75/75    75/75    75/75      Air resistance    C <sub>d</sub> x A    0.30 x 2.45    0.28 x 2.45    0.32 x 2.45      Config/No of cyls/valves    In-line/3/4    In-line/3/4    In-line/3/4    In-line/3/4      Config/No of cyls/valves    In-line/3/4    In-line/3/4    In-line/3/4    In-line/3/4      Config/No of cyls/valves    In-line/3/4    In-line/3/4    In-line/3/4    In-line/3/4      Effective capacity    cc    1499    1990    1990    1990      Stroke/bore    mm    94.6/82.0    94.6/82.0    94.6/82.0    94.6/82.0    94.6/82.0    94.6/82.0    94.6/82.0    94.6/82.0    94.6/82.0    94.6/82.0    94.6/82.0    94.6/82.0    94.6/82.0    94.6/82.0    94.6/82.0	Max permissible weight	-	2055	2060 (2090)	2140	
Max trailer load, Braked (12%)/unbraked    kg    1100/730    1500/735    1500/735      Bark trailer load, Max roofload/max towbar    kg    75/75    75/75    75/75      download    Luggage comp capacity    Itr    645–1905    645–1905    645–1905      Air resistance    C <sub>d</sub> x A    0.30 x 2.45    0.28 x 2.45    0.32 x 2.45      Power Unit    Config/No of cyls/valves    In-line/3/4    In-line/4/4      Engine technology    BMW TwinPower Turbo technology: turbocharger (220:: TwinSCroll turbocharger), High Precision Direct Injection, VALVE TRONC fully variable valve control, Double-VANOS variable camshaft timing      Effective capacity    cc    1499    1999      Stroke/bore    mm    94.6/82.0    94.6/82.0    94.6/82.0      Compression ratio    :1    11.0    11.0    11.0    11.0      Fuel    min. RON 91    min. RON 91    min. RON 91    min. RON 91    1350–4600      Max output    kW/hp    80/109    103/140    14/11/92    280/20:      at    rpm    1350–3800    1480–4200    1350–4600    Suspension, front </td <td></td> <td></td> <td></td> <td>1015/1055</td> <td>1075/1065</td>				1015/1055	1075/1065	
Max roofload/max towbar    kg    75/75    75/75    75/75      download    Luggage comp capacity    Itr    645–1905    645–1905    645–1905      Air resistance    C <sub>d</sub> x A    0.30 x 2.45    0.28 x 2.45    0.32 x 2.45      Config/No of cyls/valves    In-line/3/4    In-line/3/4    In-line/3/4    In-line/3/4      Effective capacity    Cc    14/9    14/9    1996      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    1491      Max output    kW/hp    80/109    103/140    14/179      at    rpm    4100–6500    4500–6500    5000–6000      Max output    kW/hp    80/109    103/140    14/179      Max output    kW/hp    80/109    103/140    14/179      Max output    kW/hp    80/109    103/140    14/179      Suspension, front    Single-joint spring-strut	,	kg	1100/730	, , ,	1500/750	
Luggage comp capacity    Itr    645–1905    645–1905    645–1905      Air resistance    C <sub>a</sub> x A    0.30 x 2.45    0.28 x 2.45    0.32 x 2.45      Config/No of cyls/valves    In-line/3/4    In-line/3/4    In-line/3/4    In-line/3/4      Engine technology    BMW TwinPower Turbo technology: turbocharger (220): TwinScroll turbocharger), High Precision Direct Injection, VALVETRONIC fully variable valve control, Double-VANOS variable camshaft iming      Effective capacity    cc    1499    1499    1996      Stroke/bore    mm    94.6/82.0    94.6/82.0    94.6/82.0      Compression ratio    :1    11.0    11.0    11.0    11.0      Fuel    min. RON 91      Max output    kW/hp    80/109    103/140    141/192    at    rpm    1350–3800    1480–4200    1350–4600      Battery / installation    Ah/– 70/ Engine compartment    Single-joint spring-strut axle in l	Max roofload/max towbar	kg	75/75	75/75	75/75	
Air resistance  C <sub>d</sub> x A  0.30 x 2.45  0.28 x 2.45  0.32 x 2.45    Power Unit  Config/No of cy/Svlaves  In-line/3/4  In-line/3/4  In-line/4/4    Engine technology  BMWT WinPower Turbo technology: turbocharger (220): TwinScroll turbocharger), High Precision Direct Injection, VALVETRONIC fully variable valve control, Double-VANOS variable camshaft timing    Effective capacity  cc  1499  1996    Stroke/bore  mm  94.6/82.0  94.6/82.0  94.6/82.0    Compression ratio  :1  11.0  11.0  11.1    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 output  kW/hp  80/109  103/140  141/192    at  rpm  130/140  280/200  1350-4600    Max output  kW/hp  80/109  1350-4600    Suspension, front  Single-joint spring-strut axle in lightweight steel construction    Suspension, rear  Central-arm axle in lightweight construction    Suspension, rear  Central-arm axle in lightwe		ltr	645-1905	645-1905	645–1905	
Config/No of cyls/valves    In-line/3/4    In-line/3				0.28 x 2.45	0.32 x 2.45	
Config/No of cyls/valves    In-line/3/4    In-line/3						
Engine technology    BMW TwinPower Turbo technology: turbocharger (220: TwinScroll turbocharger), High Precision Direct Injection, VALVETRONIC fully variable valve control, Double-VANOS variable camshaft timing      Effective capacity    cc    1499    1999      Stroke/bore    mm    94.6/82.0    94.6/82.0    94.6/82.0      Compression ratio    :1    11.0    11.0    11.1      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    5000-600      Max output    kW/hp    80/109    103/140    141/192      at    rpm    4100-6500    4500-6500    5000-600      Max torque    Nm/lb-ft    190/140    220/162    280/207      at    rpm    1350-3800    1480-4200    1350-4600      Electrical System    Suspension, front    Single-joint spring-strut axle in lightweight steel construction      Suspension, rear    Central-arm axle in lightweight construction    Suspension, rear    Central-arm axle in lightweight construction    Suspen						
turbocharger), High Precision Direct Injection, VALVETRONIC fully variable valve control, Double-VANOS variable camshaft timing Effective capacity cc 1499 1499 1996 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 min. RON 91 Max output kW/hp 80/109 103/140 141/192 at rpm 4100-6500 4500-6500 5000-6600 Max torque Nm/lb-ft 190/140 220/162 280/207 at rpm 1350-3800 1480-4200 1350-4600 Electrical System Battery / installation Ah/- 70/ Engine compartment 70/ Engine compartment 70/ Engine compartment 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 / vented Brakes ortorol), DBC (Dynamic Brake Control), DB C (Cornering Brake Control), DBC (Dynamic Brake Control), DB raking function, Fading Compensation, Start-Off Assistant; Drive Performance Control; optional: Dynamic Damper Control 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 205/50 R17 95M	- · ·					
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    11.0      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      Electrical System    Electrical System    Electrical System    Electrical System      Battery / installation    Ah/- 70/ Engine compartment    70/ Engine compartment    70/ Engine compartment      Driving Dynamics and Safety    Suspension, rear    Central-arm axle in lightweight steel construction      Barkes, front    Single-joint spring-strut axle in lightweight construction    Brakes, rear      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		t	turbocharger), High Prec	cision Direct Injection, VAL	/ETRONIC fully variable	
Compression ratio  :1  11.0  11.0  11.0    Fuel  min. RON 91  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    Electrical System    Battery / installation  Ah/- 70/ Engine compartment  70/ Engine compartment  70/ Engine compartment    Driving Dynamics and Safety  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  Vented  Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Damper Control)  Optional: Dynamic Damper Control    Safety equipment  Standard: airbags for driver and front passenger, side airbags for driver and bel force li	Effective capacity	СС	1499	1499	1998	
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    Electrical System  Electrical System    Battery / installation  Ah/– 70/ Engine compartment  70/ Engine compartment  70/ Engine compartment    Driving Dynamics and Safety  Suspension, front  Single-joint spring-strut axle in lightweight steel construction    Brakes, front  Single-joint spring-strut axle in lightweight construction  Brakes, front    Brakes, rear  Single-joint floating-calliper disc brakes / vented    Brakes, rear  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	Stroke/bore	mm	94.6/82.0	94.6/82.0	94.6/82.0	
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      Electrical System    Electrical System    Electrical System      Battery / installation    Ah/– 70/ Engine compartment    70/ Engine compartment    70/ Engine compartment      Driving Dynamics and Safety    Suspension, front    Single-joint spring-strut axle in lightweight steel construction      Suspension, rear    Central-arm axle in lightweight construction    Brakes, front      Brakes, rear    Single-piston floating-calliper disc brakes / vented      Brakes, rear    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 fort 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 (E	Compression ratio	:1	11.0	11.0	11.0	
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    Electrical System    Battery / installation  Ah/– 70/ Engine compartment  70/ Engine compartment  70/ Engine compartment    Driving Dynamics and Safety	Fuel		min. RON 91	min. RON 91	min. RON 91	
Max torque    Nm/lb-ft    190/140    220/162    280/207      at    rpm    1350-3800    1480-4200    1350-4600      Electrical System    Battery / installation    Ah/- 70/ Engine compartment    70/ Engine compartment    70/ Engine compartment    70/ Engine compartment      Driving Dynamics and Safety    Single-joint spring-strut axle in lightweight steel construction    Battery / installation    Ah/- 70/ Engine compartment    70/ Engine construction      Brakes, front    Single-joint spring-strut axle in lightweight steel construction    Standard:	Max output	kW/hp	80/109	103/140	141/192	
at  rpm  1350–3800  1480–4200  1350–4600    Electrical System    Battery / installation  Ah/– 70/ Engine compartment  70/ Engine compartment  70/ Engine compartment    Driving Dynamics and Safety    Suspension, front  Single-joint spring-strut axle in lightweight steel 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    Tyres, front/rear  205/60 R16 96V  205/60 R16 96V  205/55 R17 95W	at	rpm	4100-6500	4500-6500	5000-6000	
Electrical System    Battery / installation  Ah/- 70/ Engine compartment  70/ Engine compartment    Driving Dynamics and Safety    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), DT 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    Tyres, front/rear  205/60 R16 96V  205/60 R16 96V  205/55 R17 95W	Max torque	Nm/lb-ft		220/162	280/207	
Battery / installation  Ah/- 70/ Engine compartment  70/ Engine compartment  70/ Engine compartment    Driving Dynamics and Safety    Suspension, front  Single-joint spring-strut axle in lightweight steel 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, 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  205/60 R16 96V  205/60 R16 96V  205/55 R17 95W					1350-4600	
Battery / installation  Ah/- 70/ Engine compartment  70/ Engine compartment  70/ Engine compartment    Driving Dynamics and Safety    Suspension, front  Single-joint spring-strut axle in lightweight steel 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, 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  205/60 R16 96V  205/60 R16 96V  205/55 R17 95W	Electrical System					
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, 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    205/60 R16 96V    205/60 R16 96V    205/55 R17 95W		Ah/- 70	)/ Engine compartment	70/ Engine compartment	70/ Engine compartment	
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, 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    205/60 R16 96V    205/60 R16 96V    205/55 R17 95W	Driving Dynamics and Safe	tv				
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      Tyres, front/rear    205/60 R16 96V    205/60 R16 96V    205/55 R17 95W			Single-joint sprin	a-strut axle in lightweight s	teel 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    Tyres, front/rear  205/60 R16 96V  205/60 R16 96V  205/55 R17 95W						
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      Tyres, front/rear    205/60 R16 96V    205/60 R16 96V    205/55 R17 95W	/					
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      Tyres, front/rear    205/60 R16 96V    205/60 R16 96V    205/55 R17 95W			• •	· · ·		
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      Tyres, front/rear    205/60 R16 96V    205/60 R16 96V    205/55 R17 95W			· · ·	· · ·		
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	Driving Stability Systems		Brake Control), DBC (Dy Compensation, St	namic Brake Control), Dry art-Off Assistant; Drive Per	Braking function, Fading formance Control;	
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	Cofety aggingerst			· · · ·		
SteeringElectric Power Steering (EPS); optional: Servotronic functionSteering ratio, overall:116.016.016.0Tyres, front/rear205/60 R16 96V205/60 R16 96V205/55 R17 95W	Safety equipment	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				
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	Steering		Flectric Power St		votronic function	
Tyres, front/rear 205/60 R16 96V 205/60 R16 96V 205/55 R17 95W		•1				
		. 1				
	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 220
Transmission				
Type of transmission		Six-speed manual	Six-speed manual	seven-speed DCT
51		•	(optional: seven-speed	
			DCT)	
Gear ratios	1 :	1 3.615	3.615 (17.348)	15.304
	II :'	1 1.952	1.952 (10.232)	9.026
	: ::	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
Performance				
Power-to-weight ratio	kg/kV	V 17.6	13.7 (14.0)	10.5
Output per litre	kW/lt	r 53.4	68.7	70.6
0–100 km/h	se	c 11.7	9.5 (9.8)	7.6
In 5th gear 80–120 km/h	See	c 14.9	11.4 (–)	-
Top speed	km/ł	า 188	205 (205)	222
BMW EfficientDynamic	s			
BMW EfficientDynamics		Brake Energy Regeneratio	n with recuperation display,	Electric Power Steering
standard features		(EPS), Auto Start Stop func	tion, Optimum Shift Indicato	r (manual gearbox), ECO
		PRO mode, coasting funct	tion (automatic), intelligent lig	ghtweight construction,
		optimised aerodynamic attr	ibutes, on-demand operatio	n of ancillary units, map-
		regulated oil pu	mp, tyres with reduced rollin	ng resistance
Fuel Consumption ECE	2)			
Urban	ltr/100	7.4–7.1	7.3–7.3 (7.2–7.2)	7.4*
	kn			
Extra-urban	ltr/100		5.2-5.0 (5.3-5.2)	5.4*
	kn			0.1
Combined	ltr/100		6.0–5.9 (6.0)	6.1*
	kn	יייי <i>ב</i> ייי ז	()	

Urban	ltr/100	7.4–7.1	7.3–7.3 (7.2–7.2)	7.4*
	km			
Extra-urban	ltr/100	5.3–5.1	5.2–5.0 (5.3–5.2)	5.4*
	km			
Combined	ltr/100	6.1–5.9	6.0–5.9 (6.0)	6.1*
	km			
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

 $^{11}$  Oil change  $^{21}$  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.

		Diniti E lou	Biiiii 2 iou	Billi 2 loa xBillo
Body				
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. Itr	51	51	51
Engine oil <sup>1)</sup>	ltr	4.8	5.5	5.5
Weight, unladen, to DIN/EU	kg	1480/1555	1515/1590	1590/1665
- 3 -, ,	5	(1500/1575)	(1540/1615)	(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	1090/1090	1125/1130
,	0	(1075/1090)	(1130/1090)	(1150/1125)
Max trailer load,	kg	1500/750	1500/750	1600/750
Braked (12%)/unbraked	_			
Max roofload/max towbar	kg	75/75	75/75	75/75
download				
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
Power Unit				1 11 1414
Config/No of cyls/valves		In-line/3/4	In-line/4/4	In-line/4/4
Engine technology			rbo technology: variable-ge	, ,
	(2		ti-stage charging, variable-g	
		2496	rect injection with solenoid	
Effective capacity Stroke/bore	cc mm	90.0/84.0	<u> </u>	
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
	ipin	1730 2230	1750 2500	1730 2300
Electrical System				
Battery / installation	Δh/_ 70/	- · · ·	70/ Engine compartment	70/ Engine compartment
	AII/- 70/	Engine compartment	70/ Engine compartment	Tor Engine compartment
		Engine compartment		
			• ·	• ·
Suspension, front		Single-joint sprin	g-strut axle in lightweight s	teel construction
Suspension, front Suspension, rear		Single-joint sprin Central-	g-strut axle in lightweight s arm axle in lightweight cons	teel construction struction
Suspension, front Suspension, rear Brakes, front		Single-joint sprin Central- Single-pisto	g-strut axle in lightweight s arm axle in lightweight cons on floating-calliper disc brak	teel construction struction ses / vented
Suspension, front Suspension, rear Brakes, front Brakes, rear	ty	Single-joint sprin Central- Single-pisto Single-	g-strut axle in lightweight s arm axle in lightweight cons on floating-calliper disc brak piston floating-calliper disc	teel construction struction es / vented brakes
Suspension, front Suspension, rear Brakes, front Brakes, rear	r <b>ty</b> Star	Single-joint sprin Central- Single-pisto Single- ndard: DSC incl. ABS a	g-strut axle in lightweight s arm axle in lightweight cons on floating-calliper disc brak piston floating-calliper disc ind DTC (Dynamic Traction	teel construction struction es / vented brakes i Control), CBC (Cornering
Suspension, front Suspension, rear Brakes, front Brakes, rear	t <b>y</b> Star B	Single-joint sprin Central- Single-pisto Single- ndard: DSC incl. ABS a rake Control), DBC (Dy	g-strut axle in lightweight s arm axle in lightweight cons on floating-calliper disc brak piston floating-calliper disc ind DTC (Dynamic Traction mamic Brake Control), Dry I	teel construction struction es / vented brakes I Control), CBC (Cornering Braking function, Fading
Suspension, front Suspension, rear Brakes, front Brakes, rear	t <b>y</b> Star B	Single-joint sprin Central- Single-pisto Single- ndard: DSC incl. ABS a rake Control), DBC (Dy mpensation, Start-Off /	g-strut axle in lightweight s arm axle in lightweight cons on floating-calliper disc brak piston floating-calliper disc ind DTC (Dynamic Traction namic Brake Control), Dry I Assistant; DSC networked v	teel construction struction es / vented brakes i Control), CBC (Cornering Braking function, Fading with xDrive all-wheel-drive
Suspension, front Suspension, rear Brakes, front Brakes, rear	t <b>y</b> Star B	Single-joint sprin Central- Single-pisto Single- ndard: DSC incl. ABS a rake Control), DBC (Dy mpensation, Start-Off / system (21)	g-strut axle in lightweight s arm axle in lightweight cons on floating-calliper disc brak piston floating-calliper disc ind DTC (Dynamic Traction namic Brake Control), Dry I Assistant; DSC networked v 8d xDrive), Drive Performan	teel construction struction brakes Control), CBC (Cornering Braking function, Fading with xDrive all-wheel-drive ice Control;
Suspension, front Suspension, rear Brakes, front Brakes, rear Driving stability systems	star Bi Cor	Single-joint sprin Central- Single-pisto Single- single- dard: DSC incl. ABS a rake Control), DBC (Dy mpensation, Start-Off system (21) opti	g-strut axle in lightweight s arm axle in lightweight cons on floating-calliper disc brak piston floating-calliper disc and DTC (Dynamic Traction namic Brake Control), Dry I Assistant; DSC networked v 8d xDrive), Drive Performar onal: Dynamic Damper Cor	teel construction struction les / vented brakes i Control), CBC (Cornering Braking function, Fading with xDrive all-wheel-drive ice Control; htrol
Suspension, front Suspension, rear Brakes, front Brakes, rear Driving stability systems	ty Star B Cor S	Single-joint sprin Central- Single-pistc Single- ndard: DSC incl. ABS a rake Control), DBC (Dy mpensation, Start-Off system (21) opti tandard: airbags for dri	g-strut axle in lightweight s arm axle in lightweight cons on floating-calliper disc brak piston floating-calliper disc ind DTC (Dynamic Traction namic Brake Control), Dry I Assistant; DSC networked \ 8d xDrive), Drive Performar onal: Dynamic Damper Cor ver and front passenger, sid	teel construction struction les / vented brakes I Control), CBC (Cornering Braking function, Fading with xDrive all-wheel-drive ice Control; htrol de airbags for driver and
Suspension, front Suspension, rear Brakes, front Brakes, rear Driving stability systems	ty Star B Cor S	Single-joint sprin Central- Single-pisto Single- ndard: DSC incl. ABS a rake Control), DBC (Dy mpensation, Start-Off system (21) opti tandard: airbags for dri nt passenger, head air	g-strut axle in lightweight s arm axle in lightweight cons on floating-calliper disc brak piston floating-calliper disc ind DTC (Dynamic Traction namic Brake Control), Dry I Assistant; DSC networked V 8d xDrive), Drive Performan onal: Dynamic Damper Cor ver and front passenger, sid bags for front and rear seat	teel construction struction les / vented brakes I Control), CBC (Cornering Braking function, Fading with xDrive all-wheel-drive ice Control; strol de airbags for driver and s, three-point inertia-reel
Suspension, front Suspension, rear Brakes, front Brakes, rear Driving stability systems	ty Star B Cor S	Single-joint sprin Central- Single-pisto Single- ndard: DSC incl. ABS a rake Control), DBC (Dy mpensation, Start-Off system (21: opti tandard: airbags for dri int passenger, head air seatbelts on all s	g-strut axle in lightweight s arm axle in lightweight cons on floating-calliper disc brak piston floating-calliper disc ind DTC (Dynamic Traction namic Brake Control), Dry I Assistant; DSC networked V 8d xDrive), Drive Performan onal: Dynamic Damper Cor ver and front passenger, sic bags for front and rear seat seats with belt stopper, bell	teel construction struction es / vented brakes I Control), CBC (Cornering Braking function, Fading with xDrive all-wheel-drive ice Control; trol de airbags for driver and s, three-point inertia-reel : latch tensioner
Suspension, front Suspension, rear Brakes, front Brakes, rear Driving stability systems Safety equipment	ty Star B Cor S	Single-joint sprin Central- Single-pisto Single- ndard: DSC incl. ABS a rake Control), DBC (Dy mpensation, Start-Off system (21: opti tandard: airbags for dri tandard: airbags for dri seatbelts on all and b	g-strut axle in lightweight s arm axle in lightweight cons on floating-calliper disc brak piston floating-calliper disc ind DTC (Dynamic Traction namic Brake Control), Dry I Assistant; DSC networked 8d xDrive), Drive Performan onal: Dynamic Damper Cor ver and front passenger, sid bags for front and rear seat seats with belt stopper, bell elt force limiter at the front	teel construction struction es / vented brakes I Control), CBC (Cornering Braking function, Fading with xDrive all-wheel-drive ice Control; trol de airbags for driver and s, three-point inertia-reel : latch tensioner seats
Suspension, front Suspension, rear Brakes, front Brakes, rear Driving stability systems Safety equipment	ty Star B Cor S	Single-joint sprin Central- Single-pisto Single- ndard: DSC incl. ABS a rake Control), DBC (Dy mpensation, Start-Off / system (21) opti system (21) opti tandard: airbags for dri nt passenger, head air seatbelts on all s and b	g-strut axle in lightweight s arm axle in lightweight cons on floating-calliper disc brak piston floating-calliper disc ind DTC (Dynamic Traction namic Brake Control), Dry I Assistant; DSC networked v 8d xDrive), Drive Performan onal: Dynamic Damper Cor ver and front passenger, sid bags for front and rear seat seats with belt stopper, bell elt force limiter at the front ectric Power Steering (EPS	teel construction struction es / vented brakes I Control), CBC (Cornering Braking function, Fading with xDrive all-wheel-drive ice Control; throl de airbags for driver and s, three-point inertia-reel latch tensioner seats
Suspension, front Suspension, rear Brakes, front Brakes, rear Driving stability systems Safety equipment Steering	star B Cor S fro	Single-joint sprin Central- Single-pisto Single- ndard: DSC incl. ABS a rake Control), DBC (Dy mpensation, Start-Off / system (21: opti system (21: opti tandard: airbags for dri seatbelts on all s and b El optional: Ser	g-strut axle in lightweight s arm axle in lightweight cons on floating-calliper disc brak piston floating-calliper disc ind DTC (Dynamic Traction namic Brake Control), Dry I Assistant; DSC networked v 8d xDrive), Drive Performan onal: Dynamic Damper Cor ver and front passenger, sid bags for front and rear seat seats with belt stopper, bell elt force limiter at the front ectric Power Steering (EPS votronic function, variable s	teel construction struction es / vented brakes I Control), CBC (Cornering Braking function, Fading with xDrive all-wheel-drive ice Control; throl de airbags for driver and s, three-point inertia-reel latch tensioner seats s); port steering
	ty Star B Cor S	Single-joint sprin Central- Single-pisto Single- ndard: DSC incl. ABS a rake Control), DBC (Dy mpensation, Start-Off / system (21) opti system (21) opti tandard: airbags for dri nt passenger, head air seatbelts on all s and b	g-strut axle in lightweight s arm axle in lightweight cons on floating-calliper disc brak piston floating-calliper disc ind DTC (Dynamic Traction namic Brake Control), Dry I Assistant; DSC networked v 8d xDrive), Drive Performan onal: Dynamic Damper Cor ver and front passenger, sid bags for front and rear seat seats with belt stopper, bell elt force limiter at the front ectric Power Steering (EPS	teel construction struction es / vented brakes I Control), CBC (Cornering Braking function, Fading with xDrive all-wheel-drive ice Control; throl de airbags for driver and s, three-point inertia-reel latch tensioner seats

BMW 216d

BMW 218d

BMW 218d xDrive

			BMW 216d	BMW 218d	BMW 218d xDrive
Transmissio	on				
Type of trans	mission		Six-speed manual	Six-speed manual	Six-speed manua
51000		qo)	tional: seven-speed	(optional: eight-speed	(optional: eight-spee
			DCT)	Steptronic)	Steptronic
Gear ratios		:1	3.923 (16.385)	3.923 (5.519)	3.539 (5.519
		:1	2.136 (9.664)	2.136 (3.184)	1.923 (3.184
		: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
Performanc					
Power-to-we	-	kg/kW	17.4 (17.6)	13.8 (14.0)	14.5 (14.6
Output per lit	0	kW/ltr	56.8	55.1	14.5 (14.6
0–100 km/h	16		11.5 (11.5)	9.4 (9.4)	
In 5th gear	80–120 km/h	sec	12.5	9.4 (9.4)	9.1 (9.4
Top speed	00-120 KI1/II	sec	192 (192)	205 (207)	205 (205
T OP Speed		KII/II	152 (152)	203 (207)	200 (200
	entDynamics				
BMW Efficier				eration with recuperation dis	
standard feat	ures	S	0 . //	art Stop function, Optimum	,
				mode, coasting function (au	
				on, optimised aerodynamic a	
		ope	ration of ancillary units	s, map-regulated oil pump, t resistance	yres with reduced rolling
Fuel Consu	mption 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
COmbined CO <sub>2</sub>		g/km	116 (117–117)	121–120 (125–121)	137 (127
		giniii		121-120(123-121)	137 (127

 $CO_2$ Emission rating

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 taxs 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.

EU6

EU6

EU6

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

		BMW 220d	BMW 220d xDrive
Body			
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		1125/1100	1145/1140
Max trailer load,	kg	1500/750	1600/750
,	kg	1500/750	1600/750
Braked (12%)/unbraked Max roofload/max towbar	ka	75/75	75/75
download	kg	75/75	75/75
	ltr	645–1905	645–1905
Luggage comp capacity	-		
Air resistance	Cd x A	0.30 x 2.45	0.31 x 2.45
Power Unit			
Config/No of cyls/valves		In-line/4/4	In-line/4/4
Engine technology	BN	/W TwinPower Turbo technology: multi-stag turbocharger, common-rail direct injection w	
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
Electrical System Battery / installation	Ah/-	70/ Engine compartment	70/ Engine compartment
Dattery / Installation		707 Engine compartment	70/ Engine compartment
Driving Dynamics and Safe	ety		
Suspension, front		Single-joint spring-strut axle in lightweig	
Suspension, rear		Central-arm axle in lightweight	
Brakes, front		Single-piston floating-calliper disc	brakes / vented
Brakes, rear		Single-piston floating-calliper	
Driving stability systems		ndard: DSC incl. ABS and DTC (Dynamic Tra	
		rake Control), DBC (Dynamic Brake Control),	
	Co	mpensation, Start-Off Assistant; DSC networ	ked with xDrive all-wheel-drive
		system (220d xDrive), Drive Perfo	rmance Control;
		optional: Dynamic Damper	
Safety equipment		ndard: airbags for driver and front passenger,	0
	pass	enger, head airbags for front and rear seats, t	
		on all seats with belt stopper, belt latch tens	ioner and belt force limiter
		at the front seats	
Steering		Electric Power Steering	
		optional: Servotronic fu	
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		:1	5.519	5.519
	11	:1	3.184	3.184
		: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 EfficientDynam	ics			
BMW EfficientDynamics	;	Br	ake Energy Regeneration with recuper	ation display, Electric Power
standard features		Stoorir	ng (EPS) Auto Start Stop function EC	O PRO model coasting function

standard features

Steering (EPS), Auto Start Stop function, ECO PRO mode, coasting function, intelligent lightweight construction, optimised aerodynamic attributes, ondemand 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)

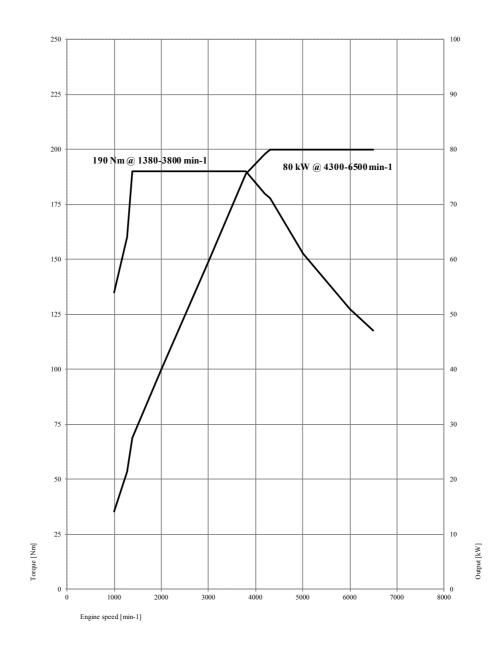
<sup>10</sup> Oil change <sup>21</sup> The fuel consumption, CO<sub>2</sub> emissions and operating range figures were determined according to the European Regulation (EC) 715/2007 in the version applicable at the time of type approval. The figures refer to a vehicle with basic configuration in Germany 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.

**216i** 

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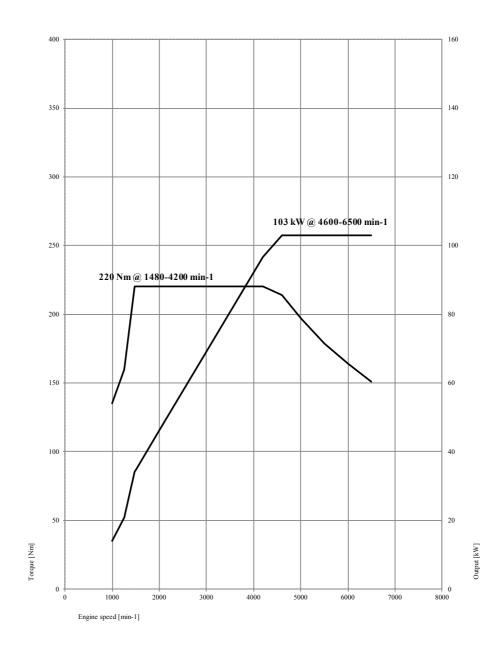
### **Output and torque diagrams.** The BMW Series 2 Gran Tourer.





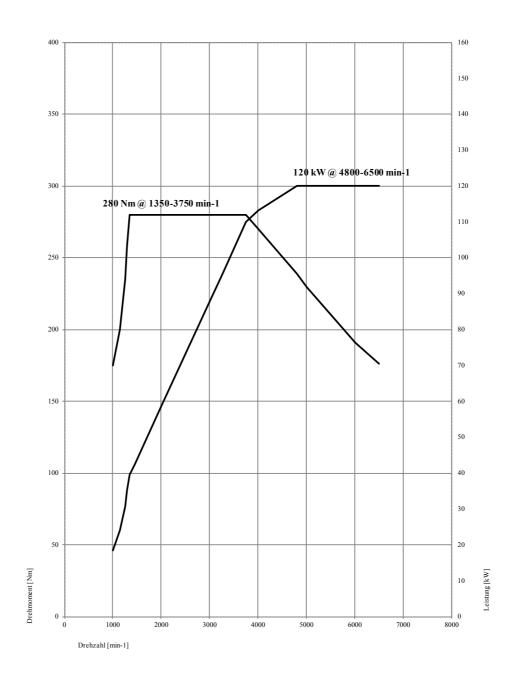
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### The BMW Series 2 Gran Tourer. 218i



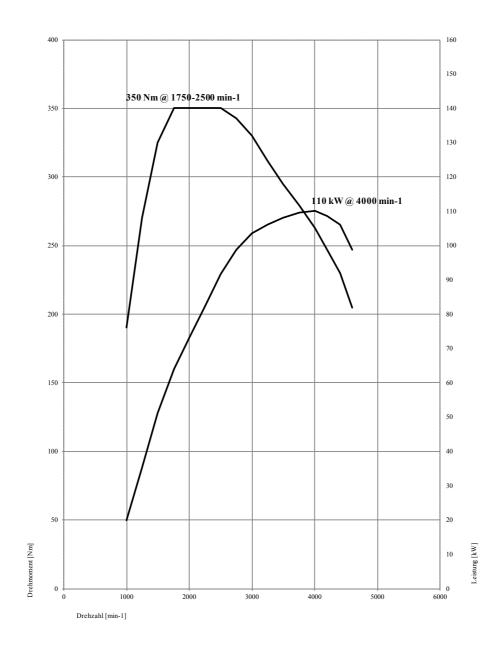
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# The BMW Series 2 Gran Tourer. 220i



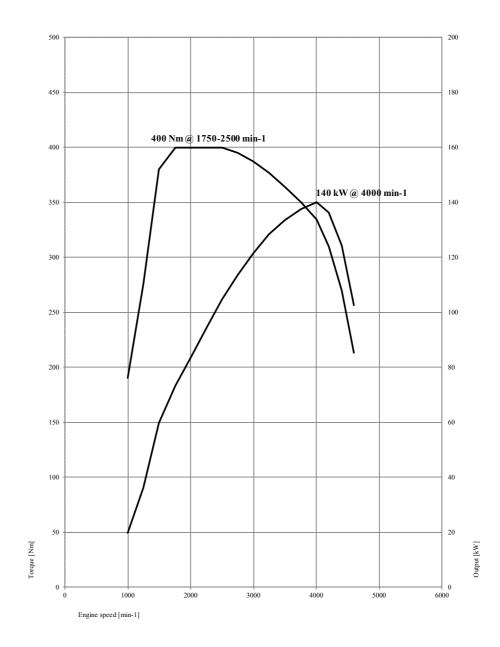
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# The BMW Series 2 Gran Tourer. 218d.



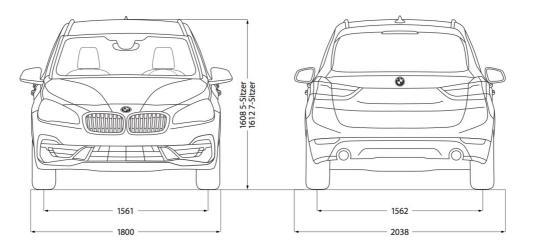
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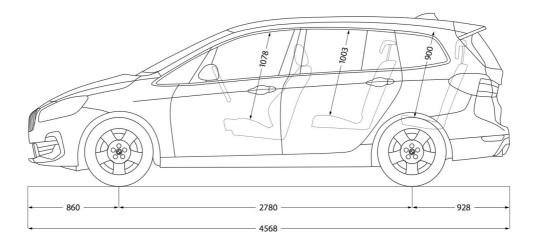
# The BMW Series 2 Gran Tourer. 220d.

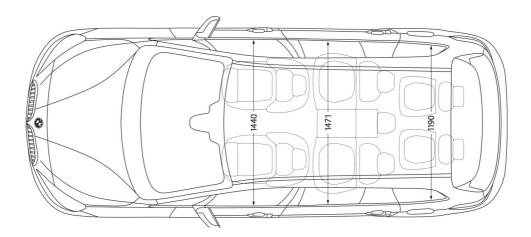


01/2018 Page 12 **Exterior and interior dimensions.** The BMW Series 2 Gran Tourer.









\*dimensions in cm