

Specifications.

BMW 6 Series Gran Turismo.

620d



BMW 620d Gran Turismo		
Body		
No. of doors/seats		4 / 5
Length/width/height (unladen)	mm	5091 / 1902 / 1540
Wheelbase	mm	3070
Front/rear track	mm	1615 / 1647
Ground clearance	mm	138
Turning circle	m	12.3
Fuel capacity	approx. l	66
Engine oil capacity ¹⁾	l	5.0
Weight, unladen (DIN/EU)	kg	1765 / 1840
Payload (DIN)	kg	680
Permitted total weight	kg	2440
Permitted axle load, front/rear	kg	1150 / 1425
Permitted trailer load (12%) braked/unbraked	kg	2100 / 750
Permitted roof load/trailer download	kg	75 / 100
Luggage compartment capacity	l	610 – 1800
Aerodynamic drag	c _x x A	0.25 x 2.54
Engine		
Type/no. of cylinders/valves		in-line / 4 / 4
Engine technology	BMW TwinPower Turbo technology: variable-geometry turbocharger, common-rail direct injection with solenoid valve injectors (max. injection pressure: 2000 bar)	
Effective capacity	cc	1995
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel type		Diesel
Output	kW/hp	140 / 190
at rpm	min ⁻¹	4000
Torque	Nm	400
at rpm	min ⁻¹	1750 – 2500
Electrical		
Battery charge/location	Ah/–	90 / luggage compartment
Driving Dynamics and Safety		
Front suspension	Aluminium double track control arm axle with separate lower track arm level, small steering roll radius, traverse force compensation, anti-dive	
Rear suspension	Five-link axle in aluminium lightweight construction, double elastic bearing, air suspension with automatic self-levelling	
Front brakes	Four-piston fixed-calliper disc brakes / vented	
Rear brakes	Single-piston floating-calliper disc brakes / vented	
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; optional: Dynamic Damper Control, Executive Drive	
Safety equipment	Standard: driver and front-seat passenger airbags, driver and front-seat passenger side airbags, head airbags front and rear, three-point automatic seatbelts for all seats, seatbelt tensioners and seatbelt force limiters in front seats, crash sensors, tyre pressure indicator	
Steering	Electromechanical rack-and-pinion power steering (EPS); optional: Integral Active Steering	
Overall steering ratio	:1	16.3
Front/rear tyres		225/60 R17 99Y
Front/rear wheels		7,5J x 17 light-alloy

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Transmission			
Type of gearbox		8-speed Steptronic	
Gear ratios	I	:1	5.250
	II	:1	3.360
	III	:1	2.172
	IV	:1	1.720
	V	:1	1.316
	VI	:1	1.000
	VII	:1	0.822
	VIII	:1	0.640
	R	:1	3.712
Differential ratio		:1	3.077
Performance			
Weight-to-power ratio (DIN unladen)		kg/kW	12.6
Specific power output		kW/l	70.2
Acceleration	0–100 km/h	sec	7.9
in 5th gear	80–120 km/h	sec	–
Max. speed		km/h	220
BMW EfficientDynamics			
BMW EfficientDynamics		Brake Energy Regeneration with recuperation display, electric power steering (EPS), Auto Start Stop function, gear shift indicator, ECO PRO mode with coasting function, BMW EfficientLightweight, optimised aerodynamic attributes	
Features included as standard		active air flap control, automatic rear spoiler, on-demand operation of ancillary units, map-regulated oil pump, differential with optimized-warm-up behaviour, tyres with reduced rolling resistance, BMW Blue Performance Technology	
Fuel consumption (EU) ²⁾			
with standard wheels and tyres			
Urban	l/100 km		5.4
Extra-urban	l/100 km		4.5
Combined	l/100 km		4.8
CO ₂ emissions	g/km		127
With 8J x 18 wheels and 245/50 R18 tyres. With 8.5J x 19 wheels and 245/45 R19 tyres			
Urban	l/100 km		5.4
Extra-urban	l/100 km		4.6
Combined	l/100 km		4.9
CO ₂ emissions	g/km		128
with 8.5J x 19 wheels (front), 9.5J x 19 wheels (rear) and 245/45 R19 tyres (front), 275/40 R19 (rear), with 8.5J x 20 wheels (front), 10J x 20 wheels (rear) and 245/40 R20 tyres (front), 275/35 R20 (rear), with runflat tyres and with winter tyres			
Urban	l/100 km		5.4
Extra-urban	l/100 km		4.6
Combined	l/100 km		4.9
CO ₂ emissions	g/km		129
Emissions standard		EU6d-TEMP	

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

¹⁾ Height including roof aerial

²⁾ Oil change volume

³⁾ Fuel consumption and CO₂ emissions depend on the selected tyre format

The values of fuel consumptions, CO₂ emissions and energy consumptions shown are 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 optional equipment and the different size of wheels and tires available on the selected model and may vary during the configuration.

The values of the vehicles 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 CO₂-emissions the CO₂ values may differ to the values stated here].

The CO₂ efficiency specifications are determined according to Directive 1999/94/EC and Pkw-EnVKV in its current version applicable. The values shown are based on the fuel consumption, CO₂ values and energy consumptions according to the NEDC cycle for the classification.

For further information about the official fuel consumption and the specific CO₂ emission of new passenger cars can be taken out of the „handbook of fuel consumption, the CO₂ emission and power consumption of new passenger cars“, which is available at all selling points and at <https://www.dat.de/angebote/verlagsprodukte/leitfaden-kraftstoffverbrauch.html>.