

# Specifications BMW 5 Series Gran Turismo. 530d xDrive, 535d xDrive



		<b>BMW 530d xDrive Gran Turismo</b>	<b>BMW 535d xDrive Gran Turismo</b>
<b>Body</b>			
No of doors/seats		4 / 5	4 / 5
Length/width/height <sup>1)</sup> (unladen)	mm	4998 / 1901 / 1559	4998 / 1901 / 1559
Wheelbase	mm	3070	3070
Track, front/rear	mm	1611 / 1654	1611 / 1654
Ground clearance	mm	151	151
Turning circle	m	12.5	12.5
Tank capacity	app ltr	70	70
Cooling system incl heater	ltr	8.8	8.9
Engine oil <sup>2)</sup>	ltr	7.2	6.5
Weight, unladen, to DIN/EU	kg	2010 / 2085	2040 / 2115
Max load to DIN	kg	630	600
Max permissible	kg	2640	2660
Max axle load, front/rear	kg	1220 / 1485	1235 / 1490
Max trailer load (12%), braked/unbraked	kg	2100 / 750	2100 / 750
Max roofload/max towbar downl	kg	75 / 100	75 / 100
Luggage comp capacity	ltr	440 / 590 / 1700	440 / 590 / 1700
Air drag	Cd x A	0.30 x 2.57	0.31 x 2.57
<b>Engine</b>			
Config/No of cyls/valves		Straight-six / 4	Straight-six / 4
Engine technology		BMW TwinPower Turbo technology: Turbocharger with variable intake geometry, Common Rail direct injection with solenoid valve injectors (max. injection pressure: 1800 bar)	BMW TwinPower Turbo technology: two turbochargers (Variable Twin Turbo), Common Rail direct injection with piezo-injectors (max injection pressure 2000 bar)
Capacity, effective	cc	2993	2993
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	190 / 258	230 / 313
at	rpm	4000	4300
Max torque	Nm	560	630
at	rpm	1500	1500
<b>Electrical System</b>			
Battery/location	Ah/–	105 / luggage comp	105 / luggage comp
Alternator	A/W	180 / 2520	180 / 2520
<b>Driving Dynamics and Safety</b>			
Suspension, front		Double wishbone axle in aluminium construction, steel springs	
Suspension, rear		Integral-V multi-arm axle in aluminium construction, air suspension with automatic self-levelling	
Brakes, front		Single-piston swing-calliper disc brakes	
Brakes, rear		Single-piston swing-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, Fading Compensation, Start-Off Assistant, networked with xDrive all-wheel-drive system in ICM Integrated Chassis Management; optional: Adaptive Drive incl Dynamic Damper Control and Dynamic Drive anti-roll stability management	
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags at the rear on the outer seats, three-point inertia-reel seat belts on all seats, belt limiters and belt latch tensioners at the front, crash sensors, Tyre Defect Indicator	
Steering		Electric Power Steering (EPS) with Servotronic	
Steering transmission, overall	:1	19.1	19.1
Tyres, front/rear		245/50 R18 100Y RSC	245/50 R18 100Y RSC
Rims, front/rear		8J x 18 light-alloy	8J x 18 light-alloy

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BMW ConnectedDrive				
Comfort		Optional: BMW Assist including Enquiry Service, remote-control function and Real Time Traffic Information, BMW TeleServices, integration of mobile devices		
Infotainment		Optional: access to the internet, BMW Online including features such as Parkinfo, National Info, Google directory service, News, Realtime Weather, Office Functions, BMW Routes, Bluetooth Audio Streaming, online music title update, Apps		
Safety		Optional: Adaptive Headlights with Bending Lights, variable light distribution and Adaptive Headlight Range Control, High-Beam Assistant, Park Distance Control, back-up camera, Surround View incl Top View and Side View, BMW Night Vision with detection of persons, Head-Up Display, Active Cruise Control with Stop & Go, Lane Change Warning, Lane Departure Warning with Collision Warning, speed limit and no passing information, Active Protection, Automatic/Enhanced Emergency Call		
Transmission				
Type of transmission		Eight-speed automatic transmission with Steptronic function		
Gear ratios	I	:1	4.714	4.714
	II	:1	3.143	3.143
	III	:1	2.106	2.106
	IV	:1	1.667	1.667
	V	:1	1.285	1.285
	VI	:1	1.000	1.000
	VII	:1	0.839	0.839
	VIII	:1	0.667	0.667
	R	:1	3.317	3.317
Final drive		:1	2.563	2.647
Performance				
Power-to-weight ratio (DIN)		kg/kW	10.6	8.9
Output per litre		kW	63.5	76.8
Acceleration	0–100 km/h	sec	6.2	5.6
	0–1000 m	sec	26.6	25.6
Top speed		km/h	242	250
BMW EfficientDynamics				
BMW EfficientDynamics standard features		Brake Energy Regeneration, BMW EfficientDynamics Display, Automatic Start/Stop function, ECO PRO mode, electromechanical power steering, intelligent lightweight construction, air flap control, on-demand operation of ancillary units		
Fuel Consumption in EU Cycle				
Urban	ltr/100 km		7.1	7.5
Extra-urban	ltr/100 km		5.7	5.7
Combined	ltr/100 km		6.2	6.4
CO <sub>2</sub>	g/km		163	168
Emission rating			EU5	EU5

Specifications applicable to ACEA markets/homologation data applicable in part only to Germany (weight),

<sup>1)</sup> Height with roof aerial: 1564 mm

<sup>2)</sup> Oil change