

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



BMW 530d xDrive Gran Turismo		BMW 535d xDrive Gran Turismo
Body		
No of doors/seats	4 / 5	4 / 5
Length/width/height ¹⁾ (unladen)	mm 5004 / 1901 / 1559	5004 / 1901 / 1559
Wheelbase	mm 3070	3070
Track, front/rear	mm 1611 / 1654	1611 / 1654
Ground clearance	mm 145	145
Turning circle	m 12.5	12.5
Tank capacity	app ltr 70	70
Cooling system incl heater	ltr 8.8	8.9
Engine oil ²⁾	ltr 6.5	6.5
Weight, unladen, to DIN/EU	kg 2045 / 2120	2070 / 2145
Max load to DIN	kg 620	600
Max permissible	kg 2665	2670
Max axle load, front/rear	kg 1220 / 1500	1235 / 1500
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 500 – 1700	500 – 1700
Air resistance	Cd x A 0.30 x 2.57	0.30 x 2.57
Engine		
Config/No of cyls/valves	Straight-six / 4	Straight-six / 4
Engine technology	BMW TwinPower Turbo technology: variable-geometry turbocharger, Common Rail direct injection with solenoid valve injectors (max. injection pressure: 1800 bar)	BMW TwinPower Turbo technology with variable-geometry multi-stage high-pressure turbocharger, 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	4400
Max torque	Nm 560	630
at	rpm 1500 – 3000	1500 – 2500
Electrical System		
Battery/location	Ah/– 105 / luggage comp	105 / luggage comp
Alternator	A/W 180 / 2520	180 / 2520
Driving Dynamics and Safety		
Suspension, front	Double track control arm axle with separate lower track arm level, aluminium, small steering roll radius, anti-dive	
Suspension, rear	Integral-V multi-arm axle, aluminium, anti-squat and anti-dive, double acoustic separation, air suspension with automatic self-levelling	
Brakes, front	Single-piston aluminium floating-calliper disc brakes in frame structure	
Brakes, rear	Single-piston aluminium 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, Fading Compensation, Start-Off Assistant, networked with xDrive all-wheel-drive system in ICM Integrated Chassis Management; optional: Dynamic Damper Control, Adaptive Drive	
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	Hydraulic rack-and-pinion steering 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

6/2013

Valid from
7/2013

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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		10.8	9.0
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		243	250
BMW EfficientDynamics				
BMW EfficientDynamics, standard features		Brake Energy Regeneration with recuperation display, Auto Start Stop function, ECO PRO mode with coasting function, intelligent lightweight construction, on-demand operation of ancillary units, air flap control, detachable a/c compressor, efficiency-optimised rear differential and power divider, tyres with reduced roll resistance, BMW BluePerformance technology		
Fuel Consumption EU				
Urban	ltr/100 km		7.2	7.6
Extra-urban	ltr/100 km		5.6	5.7
Combined	ltr/100 km		6.2	6.4
CO ₂	g/km		163	168
Emission rating			EU6	EU6

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

¹⁾ Height with roof fin: 1564 mm

²⁾ Oil change