

# Specifications.

## BMW 3 Series Gran Turismo. 330d



### BMW 330d Gran Turismo

#### Body

No. of doors/seats		4 / 5
L/W/H <sup>1)</sup> (unladen)	mm	4824 / 1828 / 1508
Wheelbase	mm	2920
Front/rear track	mm	1541 / 1586
Ground clearance	mm	165
Turning circle	m	11.8
Fuel capacity	approx. l	57
Cooling and heating system reservoir capacity	l	<sup>3)</sup>
Engine oil capacity <sup>2)</sup>	l	7.2
Weight, unladen (DIN/EU)	kg	1660 / 1735
Payload (DIN)	kg	570
Permitted total weight	kg	2230
Permitted axle load, front/rear	kg	1015 / 1260
Permitted trailer load (12%) braked/unbraked	kg	1800 / 750
Permitted roof load/trailer download	kg	75 / 75
Luggage compartment capacity	l	520 – 1600
Aerodynamic drag	c <sub>d</sub> x A	0.28 x 2.31

#### Engine

Type/no. of cylinders/valves		in-line / 6 / 4
Engine technology		BMW TwinPower Turbo technology with variable-geometry turbocharger, Common Rail direct injection with solenoid valve injectors (max. injection pressure: 1800 bar)
Effective capacity	cc	2993
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel type		Diesel
Output	kW/hp	190 / 258
at rpm	min <sup>-1</sup>	4000
Torque	Nm	560
at rpm	min <sup>-1</sup>	2000 – 2750

#### Electrical

Battery charge/location	Ah/-	90 / luggage compartment
Alternator current/output	A/W	<sup>3)</sup>

#### Driving Dynamics and Safety

Front suspension	Aluminium double-joint spring-strut axle with displaced camber, small positive steering roll radius, transverse force compensation, anti-dive
Rear suspension	Five-link axle in lightweight construction
Front brakes	Single-piston floating-calliper disc brakes, vented
Rear brakes	Single-piston floating-calliper disc brakes, vented
Driving stability systems	As standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying function, fading compensation, start-off assist
Safety equipment	As standard: driver and front-seat passenger airbags, driver and front-seat passenger side airbags, front and rear head airbags, three-point automatic seatbelts for all seats, seatbelt tensioners and seatbelt force limiters in front seats, crash sensors, tyre defect indicator
Steering	Electromechanical rack-and-pinion power steering (EPS) with Servotronic function, optional: Variable Sport Steering
Overall steering ratio	:1 15.1
Front/rear tyres	225/55 R17 97W
Front/rear wheels	8J x 17 light-alloy

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#### BMW ConnectedDrive

Comfort	Optional: Concierge Services including information service, remote functions, Real Time Traffic Information, BMW TeleServices, mobile device integration
Information and entertainment	Optional: Internet connectivity, BMW Online including parking information, country information, Google business search, news, real-time weather, BMW Routes, office functions, Bluetooth audio streaming, online music title update, Online Entertainment, apps
Safety	Optional: Adaptive Headlights with turning lights, variable light distribution and adaptive headlight range adjustment, high beam assistance, park distance control, rear view camera, Surround View incl. Side View and Top View, BMW Head-Up Display, active cruise control with stop & go function, Parking Assistant, Lane Change Warning, Lane Departure Warning, Collision Warning and Pedestrian Warning with braking function, Speed Limit Info with No Passing Info, Active Protection, Automatic/Enhanced Emergency Call (as standard)

#### Transmission

Type of gearbox	Eight-speed automatic with Steptronic		
Gear ratios	I	:1	4.714
	II	:1	3.143
	III	:1	2.106
	IV	:1	1.667
	V	:1	1.285
	VI	:1	1.000
	VII	:1	0.839
	VIII	:1	0.667
	R	:1	3.317
Differential ratio		:1	2.563

#### Performance

Weight-to-power ratio (DIN unladen)	kg/kW	8.7
Specific power output	kW/l	63.5
Acceleration 0–100 km/h	sec.	5.7
0–1,000 m	sec.	<sup>3)</sup>
in 4th/5th gear 80–120 km/h	sec.	– / –
Max. speed	km/h	250

#### BMW EfficientDynamics

BMW EfficientDynamics Features included as standard	Brake Energy Regeneration, electromechanical power steering, Automatic Start/Stop function, ECO PRO mode with coasting function, intelligent lightweight construction, on-demand operation of ancillary units, map-regulated oil pump, air flap control, differential with optimized-warm-up behaviour, tyres with reduced rolling resistance
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#### Fuel consumption (EU)<sup>4)</sup>

with standard wheels and tyres		
Urban	l/100 km	6.1
Extra-urban	l/100 km	4.6
Total	l/100 km	5.1
CO <sub>2</sub> emissions	g/km	135
with 8J x 18 wheels and 225/50 R18 tyres, with 8J x 18 wheels at front, 9J x 18 wheels at rear and 225/50 R18 tyres at front, 255/45 R18 tyres at rear, with 8J x 19 wheels at front, 9J x 19 wheels at rear and 225/45 R19 tyres at front, 255/40 R19 tyres at rear		
Urban	l/100 km	6.1
Extra-urban	l/100 km	4.6
Combined	l/100 km	5.2
CO <sub>2</sub> emissions	g/km	136
Emissions standard		EU6

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

<sup>1)</sup> Height with roof aerial

<sup>2)</sup> Oil change volume

<sup>3)</sup> Data not yet available

<sup>4)</sup> Fuel consumption and CO<sub>2</sub> emissions depend on the selected tyre format