

# Specifications. BMW 3 Series Sedan. 330d xDrive



BMW 330d xDrive			
<b>Body</b>			
No. of doors/seats			4 / 5
L/W/H <sup>1)</sup> (unladen)	mm		4624 / 1811 / 1429
Wheelbase	mm		2810
Front/rear track	mm		1531 / 1570
Ground clearance	mm		140
Turning circle	m		11.7
Fuel capacity	approx. l		57
Cooling and heating system reservoir capacity	l		7.2
Engine oil capacity <sup>2)</sup>	l		7.2
Weight, unladen (DIN/EU)	kg		1610 / 1685
Payload (DIN)	kg		540
Permitted total weight	kg		2150
Permitted axle load, front/rear	kg		1045 / 1170
Permitted trailer load (12%) braked/unbraked	kg		1800 / 750
Permitted roof load/trailer download	kg		75 / 75
Luggage compartment capacity	l		480
Aerodynamic drag	c <sub>d</sub> x A		0.29 x 2.20
<b>Engine</b>			
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>		1500 – 3000
<b>Electrical</b>			
Battery charge/location	Ah/–		90 / luggage compartment
Alternator current/output	A/W		210 / 2940
<b>Driving Dynamics and Safety</b>			
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		
Rear brakes	Single-piston floating-calliper disc brakes		
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, cross-linking of the four-wheel drive with the stability control system DSC within the Integrated Chassis Management (ICM)		
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		15.2
Front/rear tyres			225/50 R17 94W RSC
Front/rear wheels			7.5J x 17 light-alloy

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<b>BMW ConnectedDrive</b>			
Comfort		Optional: BMW Assist 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, 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 with Collision Warning, speed limit and no passing information, Active Protection, extended emergency call	
<b>Transmission</b>			
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
<b>Performance</b>			
Weight-to-power ratio (DIN unladen)	kg/kW		8.5
Specific power output	kW/l		63.5
Acceleration 0–100 km/h	sec.		5.3
0–1,000 m	sec.		24.8
in 4th/5th gear 80–120 km/h	sec.		– / –
Max. speed	km/h		250
<b>BMW EfficientDynamics</b>			
BMW EfficientDynamics Features included as standard		Brake Energy Regeneration, electromechanical power steering, Automatic Start/Stop function, ECO PRO mode, 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	
<b>Fuel consumption (EU)</b>			
Urban	l/100 km		6.4
Extra-urban	l/100 km		4.6
Total	l/100 km		5.2
CO <sub>2</sub> emissions	g/km		137
Emissions standard			EU5

Technical data valid for ACEA countries/Some permitted weights valid only for Germany

<sup>1)</sup> Height with roof aerial: 1441 mm

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