

# Specifications.

## BMW 3 Series Sedan.

### 335d xDrive



<b>BMW 335d xDrive</b>		
<b>Body</b>		
No. of doors/seats		4 / 5
L/W/H <sup>1)</sup> (unladen)	mm	4624 / 1811 / 1434
Wheelbase	mm	2810
Front/rear track	mm	1531 / 1570
Ground clearance	mm	145
Turning circle	m	11.7
Fuel capacity	approx. l	57
Cooling and heating system reservoir capacity	l	-
Engine oil capacity <sup>2)</sup>	l	7.2
Weight, unladen (DIN/EU)	kg	1630 / 1705
Payload (DIN)	kg	540
Permitted total weight	kg	2170
Permitted axle load, front/rear	kg	1060 / 1175
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>c</sub> x A	0.30 x 2.20
<b>Engine</b>		
Type/no. of cylinders/valves		in-line / 6 / 4
Engine technology	BMW TwinPower Turbo technology with two turbochargers, small charger with variable-geometry, Common Rail direct injection with piezo injectors (max. injection pressure: 2000 bar)	
Effective capacity	cc	2993
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel type		Diesel
Output	kW/hp	230 / 313
at rpm	min <sup>-1</sup>	4400
Torque	Nm	630
at rpm	min <sup>-1</sup>	1500 – 2500
<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 swing-calliper disc brakes	
Rear brakes	Single-piston swing-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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#### BMW ConnectedDrive

Comfort	Optional: BMW Concierge Services 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, Driving Assistant, speed limit and no passing information, Active Protection, extended emergency call

#### 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		7.1
Specific power output	kW/l		76.8
Acceleration 0–100 km/h	sec.		4.8
0–1,000 m	sec.		23.8
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, 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, BMW BluePerformance Technology
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#### Fuel consumption (EU)

Urban	l/100 km	6.4
Extra-urban	l/100 km	4.9
Total	l/100 km	5.4
CO <sub>2</sub> emissions	g/km	143
Emissions standard		EU6

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

<sup>1)</sup> Height with roof aerial: 1446 mm

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