BMW
Media
Information

5/2013

Valid from
7/2013

Specifications.
BMW 3 Series Sedan.
318d xDrive

		BMW 318d xDrive
Body		
No. of doors/seats		4 / 5
L/W/H [1] (unladen)	mm	4624 / 1811 / 1434
Wheelbase	mm	2810
Front/rear track	mm	1543 / 1583
Ground clearance	mm	145
Turning circle	m	11.7
Fuel capacity	approx. l	57
Cooling and heating system reservoir capacity	l	7.6
Engine oil capacity [2]	l	5.2
Weight, unladen (DIN/EU)	kg	1490 / 1565
Payload (DIN)	kg	540
Permitted total weight	kg	2030
Permitted axle load, front/rear	kg	960 / 1135
Permitted trailer load (12%) braked/unbraked	kg	1600 / 745
Permitted roof load/trailer download	kg	75 / 75
Luggage compartment capacity	l	480
Aerodynamic drag	c_c x A	0.27 x 2.20
Engine		
Type/no. of cylinders/valves		in-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology with variable-geometry turbocharger, Common Rail direct injection with solenoid valve injectors (max. injection pressure: 1600 bar)
Effective capacity	cc	1995
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel type		Diesel
Output	kW/hp	105 / 143
at rpm	min^{-1}	4000
Torque	Nm	320
at rpm	min^{-1}	1750 – 2500
Electrical		
Battery charge/location	Ah/–	90 / luggage compartment
Alternator current/output	A/W	180 / 2520
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
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), optional: Servotronic function, Variable Sport Steering
Overall steering ratio	:1	15.2
Front/rear tyres		205/60 R16 92V
Front/rear wheels		7J x 16 steel

BMW
Media
Information

5/2013

Valid from
7/2013

Specifications.
BMW 3 Series Sedan.

				BMW 318d xDrive

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, Parking Assistant, Lane Chance Warning, Lane Departure Warning with Collision Warning, Driving Assistant, speed limit and no passing information, Active Protection, extended emergency call

Transmission

Type of gearbox			6-speed manual	
Gear ratios	I	:1		4.110
	II	:1		2.248
	III	:1		1.403
	IV	:1		1.000
	V	:1		0.802
	VI	:1		0.659
	R	:1		3.727
Differential ratio		:1		3.231

Performance

Weight-to-power ratio (DIN unladen)	kg/kW	14.2
Specific power output	kW/l	52.6
Acceleration	0–100 km/h	sec.	9.2
	0–1,000 m	sec.	30.3
in 4th/5th gear	80–120 km/h	sec.	7.9 / 9.9
Max. speed	km/h	212

BMW EfficientDynamics

BMW EfficientDynamics Features included as standard	Brake Energy Regeneration, electromechanical power steering, Automatic Start/Stop function, gear shift indicator, 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

Fuel consumption (EU)[3]

with standard wheels and tyres

Urban	l/100 km	5.7
Extra-urban	l/100 km	4.1
Total	l/100 km	4.7
CO_2 emissions	g/km	123

with 7,5J x 16 wheels and 225/55 R16 tyres, with 7,5J x 17 wheels and 225/50 R 17 tyres,
with 7,5J x 17 wheels at front, 8,5J x 17 wheels at rear and 225/50 R17 tyres at front, 255/45 R17 tyres at rear,
with 8J x 18 wheels and 225/45 R18 tyres,
with 8J x 18 wheels at front, 8,5J x 18 wheels at rear and 225/45 R18 tyres at front, 255/40 R18 tyres at rear,
with 8J x 19 wheels at front, 8,5J x 19 wheels at rear and 225/40 R19 tyres at front, 255/35 R19 tyres at rear

Urban	l/100 km	5.9
Extra-urban	l/100 km	4.2
Combined	l/100 km	4.8
CO_2 emissions	g/km	127
Emissions standard		EU5

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

[1] Height with roof aerial: 1446 mm
[2] Oil change volume
[3] Fuel consumption and CO_2 emissions depend on the selected tyre format