BMW
Media
Information

2/2015

Valid from
3/2015

Specifications.
BMW 3 Series Touring.
316d.

			BMW 316d Touring
Body			
No. of doors/seats			5 / 5
L/W/H [1] (unladen)	mm		4624 / 1811 / 1429
Wheelbase	mm		2810
Front/rear track	mm		1543 / 1583
Ground clearance	mm		140
Turning circle	m		11.3
Fuel capacity	approx. l		57
Cooling and heating system reservoir capacity	l		7.0
Engine oil capacity [2]	l		5.0
Weight, unladen (DIN/EU)	kg		1495 / 1570 (1510 / 1585)
Payload (DIN)	kg		595
Permitted total weight	kg		2090 (2105)
Permitted axle load, front/rear	kg		925 / 1230
Permitted trailer load (12%) braked/unbraked	kg		1600 / 745
Permitted roof load/trailer download	kg		75 / 75
Luggage compartment capacity	l		495 – 1500
Aerodynamic drag	c_c x A		0.30 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: 2000 bar)
Effective capacity	cc		1995
Stroke/bore	mm		90.0 / 84.0
Compression ratio	:1		16.5
Fuel type			Diesel
Output	kW/hp		85 / 116
at rpm	min^{-1}		4000
Torque	Nm		270
at rpm	min^{-1}		1250 – 2750
Electrical			
Battery charge/location	Ah/–		90 / luggage compartment
Alternator current/output	A/W		150 / 2100
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 pressure 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			205/60 R16 92H
Front/rear wheels			7J x 16 steel

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Transmission				
Type of gearbox			6-speed manual (optional: 8-speed Steptronic)	
Gear ratios	I	:1		4.002 (5.000)
	II	:1		2.130 (3.200)
	III	:1		1.396 (2.143)
	IV	:1		1.000 (1.720)
	V	:1		0.781 (1.314)
	VI	:1		0.668 (1.000)
	VII	:1		– (0.822)
	VIII	:1		– (0.640)
	R	:1		3.647 (3.456)
Differential ratio		:1		3.077 (2.813)
Performance				
Weight-to-power ratio (DIN unladen)		kg/kW		17.6 (17.8)
Specific power output		kW/l		42.6
Acceleration	0–100 km/h	sec.		11.2 (11.1)
in 5th gear	80–120 km/h	sec.		12.8 (–)
Max. speed		km/h		200 (198)
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 function (automatic), intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-regulated oil pump, differential with optimized-warm-up behaviour, tyres with reduced rolling resistance	
Fuel consumption (EU)[3)]				
with standard wheels and tyres				
Urban		l/100 km		4.9 (5.0)
Extra-urban		l/100 km		3.7 (3.6)
Total		l/100 km		4.1 (4.1)
CO_2 emissions		g/km		109 (109)
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				
Urban		l/100 km		5.3 (5.3)
Extra-urban		l/100 km		3.9 (3.9)
Combined		l/100 km		4.4 (4.4)
CO_2 emissions		g/km		116 (116)
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		5.5 (5.5)
Extra-urban		l/100 km		4.0 (4.0)
Combined		l/100 km		4.6 (4.6)
CO_2 emissions		g/km		120 (120)
Emissions standard				EU6

Technical data valid for ACEA countries/Some permitted weights valid only for Germany
Figures in brackets are for vehicles with automatic transmission

1) Height with roof aerial: 1462 mm
2) Oil change volume
3) Fuel consumption and CO_2 emissions depend on the selected tyre format