

# Specifications. BMW 3 Series Touring. 316d, 318d



BMW 316d Touring		BMW 318d Touring
<b>Body</b>		
No. of doors/seats	5 / 5	5 / 5
L/W/H <sup>1)</sup> (unladen)	mm 4624 / 1811 / 1429	4624 / 1811 / 1429
Wheelbase	mm 2810	2810
Front/rear track	mm 1543 / 1583	1543 / 1583
Ground clearance	mm 140	140
Turning circle	m 11.3	11.3
Fuel capacity	approx. l 57	57
Cooling and heating system reservoir capacity	l 7.0	7.0
Engine oil capacity <sup>2)</sup>	l 5.2	5.2
Weight, unladen (DIN/EU)	kg 1475 / 1550 (1495 / 1570)	1475 / 1550 (1495 / 1570)
Payload (DIN)	kg 550	550
Permitted total weight	kg 2025 (2045)	2025 (2045)
Permitted axle load, front/rear	kg 905 / 1195	905 / 1195
Permitted trailer load (12% braked/unbraked)	kg 1600 / 745	1600 / 745
Permitted roof load/trailer download	kg 75 / 75	75 / 75
Luggage compartment capacity	l 495 – 1500	495 – 1500
Aerodynamic drag	c <sub>d</sub> x A 0.30 x 2.20	0.30 x 2.20
<b>Engine</b>		
Type/no. of cylinders/valves	in-line / 4 / 4	in-line / 4 / 4
Engine technology	BMW TwinPower Turbo technology with variable-geometry turbocharger, common-rail direct fuel injection with magnetic valve injectors, maximum injection pressure 1600 bar	
Effective capacity	cc 1995	1995
Stroke/bore	mm 90.0 / 84.0	90.0 / 84.0
Compression ratio	:1 16.5	16.5
Fuel type	Diesel	Diesel
Output	kW/hp 85 / 116	105 / 143
at rpm	min <sup>-1</sup> 4000	4000
Torque (with overboost)	Nm 260	320
at rpm	min <sup>-1</sup> 1750 – 2500	1750 – 2500
<b>Electrical</b>		
Battery charge/location	Ah/- 90 / luggage compartment	90 / luggage compartment
Alternator current/output	A/W 180 / 2520	180 / 2520
<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	
Diameter	mm <sup>4)</sup> /vented	<sup>4)</sup> /vented
Rear brakes	Single-piston floating-calliper disc brakes	
Diameter	mm <sup>4)</sup> /vented	<sup>4)</sup> /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), optional: Servotronic function, Variable Sport Steering	
Overall steering ratio	:1 15.1	15.1
Front/rear tyres	205/60 R16 92H	205/60 R16 92V
Front/rear wheels	7J x 16 steel	7J x 16 steel

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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, cruise control with brake 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		6-speed manual (optional: 8-speed automatic with Steptronic)			
Gear ratios		I	:1	4.002 (4.714)	4.002 (4.714)
		II	:1	2.109 (3.143)	2.108 (3.143)
		III	:1	1.380 (2.106)	1.380 (2.106)
		IV	:1	1.000 (1.667)	1.000 (1.667)
		V	:1	0.781 (1.285)	0.781 (1.285)
		VI	:1	0.645 (1.000)	0.645 (1.000)
		VII	:1	– (0.839)	– (0.839)
		VIII	:1	– (0.667)	– (0.667)
		R	:1	3.647 (3.295)	3.647 (3.295)
Differential ratio			:1	3.231 (2.813)	3.231 (2.813)
<b>Performance</b>					
Weight-to-power ratio (DIN unladen)		kg/kW		17.4 (17.6)	14.0 (14.2)
Specific power output		kW/l		42.6	52.6
Acceleration 0–100 km/h		sec.		11.2 (11.1)	9.2 (9.2)
0–1,000 m		sec.		32.5 (32.6)	30.3 (30.3)
in 4th/5th gear 80–120 km/h		sec.		9.9 / 13.6	7.9 / 10.3
Max. speed		km/h		200 (198)	210 (210)
<b>BMW EfficientDynamics</b>					
BMW EfficientDynamics Features included as standard		Brake Energy Regeneration, electromechanical power steering, Automatic Start/Stop function, gear shift indicator (manual), ECO PRO mode, intelligent lightweight construction, on-demand operation of ancillary units, map-regulated oil pump, air flap control, Electric Power Steering (EPS), detachable a/c compressor, differential with optimized-warm-up behaviour, tyres with reduced rolling resistance			
<b>Fuel consumption (EU)<sup>3)</sup></b>					
with standard wheels and tyres					
Urban		l/100 km		5.6 ( 5.5)	5.6 (5.5)
Extra-urban		l/100 km		3.9 (4.0)	3.9 (4.0)
Total		l/100 km		4.5 (4.5)	4.5 (4.5)
CO <sub>2</sub> emissions		g/km		119 (119)	119 (119)
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		5.8 (5.7)	5.8 (5.7)
Extra-urban		l/100 km		4.1 (4.1)	4.1 (4.1)
Combined		l/100 km		4.7 (4.7)	4.7 (4.7)
CO <sub>2</sub> emissions		g/km		123 (123)	123 (123)
Emissions standard				EU5	EU5

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

<sup>1)</sup> Height with roof aerial: 1462 mm

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

<sup>3)</sup> Fuel consumption and CO<sub>2</sub> emissions depend on the selected tyre format

<sup>4)</sup> Not yet available