

# Technical specifications.

## The new BMW 3 Series Touring.

### 320i.



<b>BMW 320i Touring</b>		
<b>Body</b>		
No of doors/seats		5 / 5
Length/width/height (unladen)	mm	4709 / 1827 / 1440
Wheelbase	mm	2851
Track, front/rear	mm	1573 / 1588
Ground clearance	mm	141
Turning circle	m	11.4
Fuel tank capacity	approx. l	59
Engine oil <sup>1)</sup>	l	5.25
Weight, unladen, to DIN/EU	kg	1570 / 1645
Max load to DIN	kg	565
Max permissible weight	kg	2135
Max axle load, front/rear	kg	975 / 1260
Max trailer load, braked (12%)/unbraked	kg	1600 / 750
Max roofload/max towbar download	kg	75 / 75
Luggage comp capacity	l	500 – 1510
Air resistance	C <sub>d</sub> x A	0.27 x 2.22
<b>Power Unit</b>		
Config/No of cyls/valves		In-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: twin-scroll turbocharger, High Precision Injection, VALVETRONIC fully variable valve timing, Double-VANOS variable camshaft timing
Effective capacity	cc	1998
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	11.0
Fuel		Min. RON 91
Max output	kW/hp	135 / 184
at	rpm	5000 – 6500
Max torque	Nm	300
at	rpm	1350 – 4000
<b>Electrical System</b>		
Battery/installation	Ah/–	90 / luggage compartment
<b>Driving Dynamics and Safety</b>		
Suspension, front		Double-joint spring strut axle in lightweight aluminium-steel construction, hydraulically damped torque strut bearing
Suspension, rear		Five-link axle in lightweight aluminium-steel construction
Brakes, front		Vented disc brakes, with single-piston floating callipers
Brakes, rear		Vented disc brakes, with single-piston floating callipers
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Performance Control, Dry Braking function, Fading Compensation, Start-Off Assistant; optional: Adaptive M suspension, M Sport differential
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags front and rear, three-point inertia-reel seatbelts on all seats with belt stopper, belt tensioner and belt force limiter at the front, crash-active front head restraints, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS) with Servotronic function; optional: variable sport steering
Steering ratio, overall	:1	14.1
Tyres, front/rear		225/50 R17 98Y XL
Rims, front/rear		7.5J x 17 light-alloy

**BMW 320i Touring**

**Transmission**

Type of transmission	Eight-speed Steptronic transmission		
Gear ratios	I	:1	5.250
	II	:1	3.360
	III	:1	2.172
	IV	:1	1.720
	V	:1	1.316
	VI	:1	1.000
	VII	:1	0.822
	VIII	:1	0.640
	R	:1	3.712
Final drive		:1	2.813

**Performance**

Power-to-weight ratio (DIN)	kg/kW	11.6
Output per litre	kW/l	67.6
Acceleration 0–100 km/h	s	7.5
Top speed	km/h	230

**BMW EfficientDynamics**

BMW EfficientDynamics standard features	Brake Energy Regeneration with recuperation display, Electric Power Steering, Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function and Proactive Driving Assistant, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance
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**Fuel Consumption ECE**

Urban	l/100 km	7.0 – 6.8
Extra-urban	l/100 km	5.6 – 5.1
Combined	l/100 km	6.1 – 5.7
CO <sub>2</sub>	g/km	138 – 130
Emission rating		Euro 6d-TEMP

Specifications apply to ACEA markets/data relevant to homologation applies in part only to Germany (weight)

<sup>1)</sup> Oil change

The fuel consumption, CO<sub>2</sub> emissions and electric power consumption figures were determined according to the European Regulation (EC) 715/2007 in the version applicable. The figures refer to a vehicle with basic configuration in Germany. The range shown considers the different sizes of the selected wheels/tyres and the selected items of optional equipment, and may vary during configuration.

The values are based on the new WLTP test cycle and are translated back into NEDC-equivalent values in order to ensure comparability between the vehicles. With respect to these vehicles, for vehicle-related taxes or other duties based (at least inter alia) on CO<sub>2</sub> emissions, the CO<sub>2</sub> values may differ from the values stated here (depending on national legislation).

Further information on official fuel consumption figures and specific CO<sub>2</sub> emission values of new passenger cars is included in the following guideline: 'Leitfaden über den Kraftstoffverbrauch, die CO<sub>2</sub>-Emissionen und den Stromverbrauch neuer Personenkraftwagen' (Guide to the fuel economy, CO<sub>2</sub> emissions and electric power consumption of new passenger cars), which can be obtained free of charge from all dealerships, from Deutsche Automobil Treuhand GmbH (DAT), Hellmuth-Hirth-Str. 1, 73760 Ostfildern-Scharnhausen and at <https://www.dat.de/co2/>.

# The new BMW 3 Series Touring. M340i xDrive.

<b>BMW M340i xDrive Touring</b>		
<b>Body</b>		
No of doors/seats		5 / 5
Length/width/height (unladen)	mm	4713 / 1827 / 1440
Wheelbase	mm	2851
Track, front/rear	mm	1583 / 1567
Ground clearance	mm	130
Turning circle	m	12.0
Fuel tank capacity	approx. l	59
Engine oil <sup>1)</sup>	l	6.5
Weight, unladen, to DIN/EU	kg	1770 / 1845
Max load to DIN	kg	595
Max permissible weight	kg	2365
Max axle load, front/rear	kg	1095 / 1345
Max trailer load, braked (12%/unbraked)	kg	1800 / 750
Max roofload/max towbar download	kg	75 / 75
Luggage comp capacity	l	500 – 1510
Air resistance	C <sub>d</sub> x A	0.29 x 2.22
<b>Power Unit</b>		
Config/No of cyls/valves		In-line / 6 / 4
Engine technology		M TwinPower Turbo technology: TwinScroll turbocharger, High Precision Direct Injection, VALVETRONIC fully variable valve control, Double-VANOS variable camshaft timing
Effective capacity	cc	2998
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	10.2
Fuel		min. RON 91
Max output	kW/hp	275 / 374
at	rpm	5500 – 6500
Max torque	Nm	500
at	rpm	1850 – 5000
<b>Electrical System</b>		
Battery/installation	Ah/–	90 / luggage compartment
<b>Driving Dynamics and Safety</b>		
Suspension, front		Double-joint spring-strut axle in lightweight aluminium-steel construction with M specific elastokinematics, hydraulically damped torque strut bearings
Suspension, rear		Five-link axle in lightweight aluminium-steel construction with M specific elastokinematics
Brakes, front		Four piston fixed-calliper disc brakes, vented
Brakes, rear		Single-piston floating-calliper disc brakes, vented
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Performance Control, Dry Braking function, Fading Compensation, Start-Off Assistant, xDrive all-wheel-drive system networked with DSC, M Sport differential; optional: Adaptive M suspension
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags front and rear, three-point inertia-reel seatbelts for all seats, front seats with belt stopper, belt latch tensioner and belt force limiter, crash-active front head restraints, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS), variable sport steering with Servotronic function
Steering ratio, overall	:1	13.6
Tyres, front/rear		225/45 R18 95Y XL/ 255/40 R18 99Y XL
Rims, front/rear		7.5J x 18 light-alloy/ 8.5J x 18 light-alloy

**BMW M340i xDrive Touring**

**Transmission**

Type of transmission	Eight-speed Steptronic transmission		
Gear ratios	I	:1	5.250
	II	:1	3.360
	III	:1	2.172
	IV	:1	1.720
	V	:1	1.316
	VI	:1	1.000
	VII	:1	0.822
	VIII	:1	0.640
	R	:1	3.712
Final drive		:1	2.813

**Performance**

Power-to-weight ratio (DIN)	kg/kW	6.4
Output per litre	kW/l	91.7
Acceleration 0–100 km/h	s	4.5
Top speed	km/h	250

**BMW EfficientDynamics**

BMW EfficientDynamics standard features	Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function and Proactive Driving Assistant, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, efficiency-optimised all-wheel drive, differential with optimised warm-up behaviour, tyres with reduced rolling resistance
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**Fuel Consumption ECE**

Urban	l/100 km	9.7 – 9.2
Extra-urban	l/100 km	6.3 – 5.9
Combined	l/100 km	7.6 – 7.2
CO <sub>2</sub>	g/km	172 – 163
Emission rating		Euro 6d-TEMP

Specifications apply to ACEA markets/data relevant to homologation applies in part only to Germany (weight)

<sup>1)</sup> Oil change

The fuel consumption, CO<sub>2</sub> emissions and electric power consumption figures were determined according to the European Regulation (EC) 715/2007 in the version applicable. The figures refer to a vehicle with basic configuration in Germany. The range shown considers the different sizes of the selected wheels/tyres and the selected items of optional equipment, and may vary during configuration.

The values are based on the new WLTP test cycle and are translated back into NEDC-equivalent values in order to ensure comparability between the vehicles. With respect to these vehicles, for vehicle-related taxes or other duties based (at least inter alia) on CO<sub>2</sub> emissions, the CO<sub>2</sub> values may differ from the values stated here (depending on national legislation).

Further information on official fuel consumption figures and specific CO<sub>2</sub> emission values of new passenger cars is included in the following guideline: 'Leitfaden über den Kraftstoffverbrauch, die CO<sub>2</sub>-Emissionen und den Stromverbrauch neuer Personenkraftwagen' (Guide to the fuel economy, CO<sub>2</sub> emissions and electric power consumption of new passenger cars), which can be obtained free of charge from all dealerships, from Deutsche Automobil Treuhand GmbH (DAT), Hellmuth-Hirth-Str. 1, 73760 Ostfildern-Schramhausen and at <https://www.dat.de/co2/>.

# The new BMW 3 Series Touring. 318d.

<b>BMW 318d Touring</b>		
<b>Body</b>		
No of doors/seats		5 / 5
Length/width/height (unladen)	mm	4709 / 1827 / 1440
Wheelbase	mm	2851
Track, front/rear	mm	1573 / 1588
Ground clearance	mm	141
Turning circle	m	11.4
Fuel tank capacity	approx. l	40 (optional: 59)
Engine oil <sup>1)</sup>	l	5.5
Weight, unladen, to DIN/EU	kg	1575 / 1650 (1585 / 1660)
Max load to DIN	kg	585 (595)
Max permissible weight	kg	2160 (2180)
Max axle load, front/rear	kg	980 / 1270 (985 / 1280)
Max trailer load, braked (12%/unbraked)	kg	1600 (1800) / 750
Max roofload/max towbar download	kg	75 / 75
Luggage comp capacity	l	500 – 1510
Air resistance	C <sub>d</sub> x A	0.27 x 2.22
<b>Power Unit</b>		
Config/No of cyls/valves		In-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: multi-stage turbocharging, turbocharger with variable inlet geometry, common-rail direct injection with solenoid injectors (max. injection pressure: 2200 bar)
Effective capacity	cc	1995
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel		Diesel
Max output	kW/hp	110 / 150
at	rpm	4000
Max torque	Nm	320
at	rpm	1500 – 3000
<b>Electrical System</b>		
Battery/installation	Ah/–	70 / luggage compartment
<b>Driving Dynamics and Safety</b>		
Suspension, front		Double-joint spring strut axle in lightweight aluminium-steel construction, hydraulically damped torque strut bearing
Suspension, rear		Five-link axle in lightweight aluminium-steel construction
Brakes, front		Vented disc brakes, with single-piston floating callipers
Brakes, rear		Vented disc brakes, with single-piston floating callipers
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Performance Control, Dry Braking function, Fading Compensation, Start-Off Assistant; optional: Adaptive M suspension
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags front and rear, three-point inertia-reel seatbelts on all seats with belt stopper, belt tensioner and belt force limiter at the front, crash-active front head restraints, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS) with Servotronic function; optional: variable sport steering
Steering ratio, overall	:1	14.1
Tyres, front/rear		225/50 R17 98Y XL
Rims, front/rear		7.5J x 17 light-alloy

**BMW 318d Touring**

**Transmission**

Type of transmission	Six-speed manual (eight-speed Steptronic transmission)		
Gear ratios	I	:1	4.110 (5.250)
	II	:1	2.248 (3.360)
	III	:1	1.403 (2.172)
	IV	:1	1.000 (1.720)
	V	:1	0.786 (1.316)
	VI	:1	0.601 (1.000)
	VII	:1	– (0.822)
	VIII	:1	– (0.640)
	R	:1	3.727 (3.712)
Final drive		:1	3.154 (3.154)

**Performance**

Power-to-weight ratio (DIN)	kg/kW	14.3 (14.4)
Output per litre	kW/l	55.1
Acceleration 0–100 km/h	s	8.9 (8.8)
Top speed	km/h	217 (215)

**BMW EfficientDynamics**

BMW EfficientDynamics standard features	Brake Energy Regeneration with recuperation display, Electric Power Steering, Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function (with automatic transmission) and Proactive Driving Assistant, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance, BMW Blue Performance technology with SCR catalytic converter
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**Fuel Consumption ECE**

Urban	l/100 km	5.7 – 5.3 (5.2 – 4.8)
Extra-urban	l/100 km	4.3 – 4.0 (4.4 – 4.1)
Combined	l/100 km	4.8 – 4.5 (4.7 – 4.4)
CO <sub>2</sub>	g/km	127 – 118 (123 – 114)
Emission rating		Euro 6d-TEMP

Specifications apply to ACEA markets/data relevant to homologation applies in part only to Germany (weight)  
Figures in brackets apply to automatic transmission

<sup>1)</sup> Oil change

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# The new BMW 3 Series Touring. 330d.

<b>BMW 330d Touring</b>		
<b>Body</b>		
No of doors/seats		5 / 5
Length/width/height (unladen)	mm	4709 / 1827 / 1440
Wheelbase	mm	2851
Track, front/rear	mm	1573 / 1588
Ground clearance	mm	141
Turning circle	m	11.4
Fuel tank capacity	approx. l	59
Engine oil <sup>1)</sup>	l	6.5
Weight, unladen, to DIN/EU	kg	1715 / 1790
Max load to DIN	kg	590
Max permissible weight	kg	2305
Max axle load, front/rear	kg	1075 / 1325
Max trailer load, braked (12%)/unbraked	kg	1800 / 750
Max roofload/max towbar download	kg	75 / 75
Luggage comp capacity	l	500 – 1510
Air resistance	C <sub>d</sub> x A	0.28 x 2.22
<b>Power Unit</b>		
Config/No of cyls/valves		In-line / 6 / 4
Engine technology		BMW TwinPower Turbo technology: turbocharger with variable inlet geometry, common-rail direct injection with piezo injectors (max. injection pressure: 2500 bar)
Effective capacity	cc	2993
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel		Diesel
Max output	kW/hp	195 / 265
at	rpm	4000
Max torque	Nm	580
at	rpm	1750 – 2750
<b>Electrical System</b>		
Battery/installation	Ah/–	90 / luggage compartment
<b>Driving Dynamics and Safety</b>		
Suspension, front		Double-joint spring strut axle in lightweight aluminium-steel construction, hydraulically damped torque strut bearing
Suspension, rear		Five-link axle in lightweight aluminium-steel construction
Brakes, front		Vented disc brakes, with single-piston floating callipers
Brakes, rear		Vented disc brakes, with single-piston floating callipers
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Performance Control, Dry Braking function, Fading Compensation, Start-Off Assistant; optional: Adaptive M suspension, M Sport differential
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags front and rear, three-point inertia-reel seatbelts on all seats with belt stopper, belt tensioner and belt force limiter at the front, crash- active front head restraints, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS) with Servotronic function; optional: variable sport steering
Steering ratio, overall	:1	14.1
Tyres, front/rear		225/50 R17 98Y XL
Rims, front/rear		7.5J x 17 light-alloy



**BMW 330d Touring**

**Transmission**

Type of transmission	Eight-speed Steptronic transmission		
Gear ratios	I	:1	5.500
	II	:1	3.520
	III	:1	2.200
	IV	:1	1.720
	V	:1	1.317
	VI	:1	1.000
	VII	:1	0.823
	VIII	:1	0.640
	R	:1	3.993
Final drive		:1	2.471

**Performance**

Power-to-weight ratio (DIN)	kg/kW	8.8
Output per litre	kW/l	65.2
Acceleration 0–100 km/h	s	5.6
Top speed	km/h	250

**BMW EfficientDynamics**

BMW EfficientDynamics standard features	Brake Energy Regeneration with recuperation display, Electric Power Steering, Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function and Proactive Driving Assistant, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance, BMW Blue Performance technology with SCR catalytic converter
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**Fuel Consumption ECE**

Urban	l/100 km	6.6 – 6.3
Extra-urban	l/100 km	4.8 – 4.6
Combined	l/100 km	5.5 – 5.2
CO <sub>2</sub>	g/km	144 – 136
Emission rating		Euro 6d-TEMP

Specifications apply to ACEA markets/data relevant to homologation applies in part only to Germany (weight)

<sup>1)</sup> Oil change

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