

# Technical specifications.

## BMW 3 Series Sedan.

### 330e.



BMW 330e Sedan		
<b>Body</b>		
No. of doors / seats		4 / 5
Length/width/height (unladen)	mm	4713 / 1827 / 1446
Wheelbase	mm	2851
Track, front/rear	mm	1583 / 1598
Ground clearance	mm	141
Turning circle	m	11.4
Fuel tank capacity	approx. l	40
Engine oil <sup>1)</sup>	l	5.25
Weight, unladen, to DIN/EU	kg	1835 / 1910
Max. load to DIN	kg	525
Max. permissible weight	kg	2360
Max. axle load, front/rear	kg	1080 / 1375
Max. trailer load, braked (12%)/unbraked	kg	1500 / 750
Max. roofload/towbar download	kg	75 / 75
Luggage comp. capacity	l	375
Air resistance	c <sub>x</sub> x A	0.25 x 2.23
<b>Power Unit</b>		
Drive concept		Full-hybrid drive, drive torque from one or both units transmitted to the rear wheels
Max. system output <sup>2)</sup>	kW/hp	215 / 292
Max. system torque <sup>2)</sup>	Nm	420
System power-to-weight ratio (DIN)	kg/kW	8.5
<b>Petrol Engine</b>		
Config./No. of cyls./valves		In-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: TwinScroll 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
Output per litre	kW/l	67.6
<b>Electric Motor</b>		
Motor technology		BMW eDrive technology: synchronous electric motor integrated into eight-speed Steptronic transmission, generator function for recuperating energy for the high-voltage battery
Max. output	kW/hp	80 / 109
at	rpm	3140
Max. torque	Nm	265
at	rpm	100 – 2500
Recuperation output	kW	20
<b>High-voltage Battery</b>		
Storage technology / installation		Lithium-ion / underneath rear seats
Voltage	V	391
Energy capacity (net)	kWh	19.5
Charging time, 0-100% charge		2h 15m at 11.0 kW (16 A / 230 V)

<b>BMW 330e Sedan</b>		
<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	225/45 R18 95Y XL	
Rims, front/rear	7.5J x 18 light-alloy	
<b>Transmission</b>		
Type of transmission	Eight-speed Steptronic transmission	
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
Final drive	:1	3.231
<b>Performance</b>		
Acceleration 0–100 km/h	s	5.9
Top speed	km/h	230
Top speed (electric)	km/h	140
Electric range (WLTP)	km	85 – 101
<b>BMW EfficientDynamics</b>		
BMW EfficientDynamics standard features	BMW eDrive technology, Electric Power Steering, hybrid-specific Automatic Start Stop function, Optimum Shift Indicator, coasting function, Proactive Driving Assistant, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, electric a/c compressor, differential with optimised warm-up behaviour	
<b>Fuel Consumption ECE</b>		
Fuel consump. weighted comb. (WLTP)	l/100 km	1.1 – 0.8
CO <sub>2</sub> emissions from fuel (WLTP)	g/km	25 – 19
Elec. power cons. weighted comb. (WLTP)	kWh/100 km	23.4 – 20.7
Fuel consump. with battery empty (WLTP)	l/100 km	7.9 – 7.1
Emission rating	Euro 6e	
CO <sub>2</sub> class(es) weighted comb.	B	
CO <sub>2</sub> class(es) with battery empty	G – F	

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

<sup>1)</sup> Oil change

<sup>2)</sup> Developed by the combination of the combustion engine (stated nominal figure) and the electric motor (up to stated nominal figure)

Official fuel consumption, CO<sub>2</sub> emissions, electric power consumption and electric range figures were determined based on the prescribed measurement procedure in accordance with European Regulation (EC) 2007/715 in the version applicable. Where a range is shown, the WLTP figures take into account the impact of any optional extras.

Only official figures based on the WLTP procedure are available for new models that have been type tested since 01.01.2021. In addition, according to EU Regulation 2022/195, the NEDC values will no longer be included in the EC certificates of conformity as of 01.01.2023. Further information on the WLTP and NEDC measurement procedures can also be found at [www.bmw.de/wltp](http://www.bmw.de/wltp).

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>.

# BMW 3 Series Sedan. 330e xDrive.

<b>BMW 330e xDrive Sedan</b>		
<b>Body</b>		
No. of doors / seats		4 / 5
Length/width/height (unladen)	mm	4713 / 1827 / 1446
Wheelbase	mm	2851
Track, front/rear	mm	1583 / 1597
Ground clearance	mm	141
Turning circle	m	12.0
Fuel tank capacity	approx. l	40
Engine oil <sup>1)</sup>	l	5.25
Weight, unladen, to DIN/EU	kg	1885 / 1960
Max. load to DIN	kg	525
Max. permissible weight	kg	2410
Max. axle load, front/rear	kg	1130 / 1380
Max. trailer load, braked (12%)/unbraked	kg	1500 / 750
Max. roofload/towbar download	kg	75 / 75
Luggage comp. capacity	l	375
Air resistance	c <sub>x</sub> x A	0.25 x 2.23
<b>Power Unit</b>		
Drive concept		Full hybrid drive, drive torque from one or both units transmitted to all four wheels via BMW xDrive
Max. system output <sup>2)</sup>	kW/hp	215 / 292
Max. system torque <sup>2)</sup>	Nm	420
System power-to-weight ratio (DIN)	kg/k	8.8
<b>Petrol Engine</b>		
Config./No. of cyls./valves		In-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: TwinScroll 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
Output per litre	kW/l	67.6
<b>Electric Motor</b>		
Motor technology		BMW eDrive technology: synchronous electric motor integrated into eight-speed Steptronic transmission, generator function for recuperating energy for the high-voltage battery
Max. output	kW/hp	80 / 109
at	rpm	3140
Max. torque	Nm	265
at	rpm	100 – 2500
Recuperation output	kW	20
<b>High-voltage Battery</b>		
Storage technology / installation		Lithium-ion / underneath rear seats
Voltage	V	391
Energy capacity (net)	kWh	19.5
Charging time, 0-100% charge		2h 15m at 11.0 kW (16 A / 230 V)

**BMW 330e xDrive Sedan**

**Driving Dynamics and Safety**

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, xDrive all-wheel-drive system networked with DSC; 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		14.9
Tyres, front/rear	225/45 R18 95Y XL		
Rims, front/rear	7.5J x 18 light-alloy		

**Transmission**

Type of transmission	Eight-speed Steptronic transmission		
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
Final drive		:1	3.231

**Performance**

Acceleration 0–100 km/h	s	5.9
Top speed	km/h	230
Top speed (electric)	km/h	140
Electric range (WLTP)	km	81 – 96

**BMW EfficientDynamics**

BMW EfficientDynamics standard features	BMW eDrive technology, Electric Power Steering, hybrid-specific Automatic Start Stop function, Optimum Shift Indicator, coasting function, Proactive Driving Assistant, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, electric a/c compressor, efficiency-optimised all-wheel drive, differential with optimised warm-up behaviour		
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**Fuel Consumption ECE**

Fuel consump. weighted comb. (WLTP)	l/100 km	1.2 – 0.9
CO <sub>2</sub> emissions from fuel (WLTP)	g/km	27 – 21
Elec. power cons. weighted comb. (WLTP)	kWh/100 km	24.6 – 22.0
Fuel consump. with battery empty (WLTP)	l/100 km	8.4 – 7.4
Emission rating		Euro 6e
CO <sub>2</sub> class(es) weighted comb.		B
CO <sub>2</sub> class(es) with battery empty		G

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

<sup>1)</sup> Oil change

<sup>2)</sup> Developed by the combination of the combustion engine (stated nominal figure) and the electric motor (up to stated nominal figure)

Official fuel consumption, CO<sub>2</sub> emissions, electric power consumption and electric range figures were determined based on the prescribed measurement procedure in accordance with European Regulation (EC) 2007/715 in the version applicable. Where a range is shown, the WLTP figures take into account the impact of any optional extras.

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# BMW 3 Series Sedan. 318i.

<b>BMW 318i Sedan</b>		
<b>Body</b>		
No of doors/seats		4 / 5
Length/width/height (unladen)	mm	4713 / 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	1500 / 1575
Max. load to DIN	kg	555
Max. permissible weight	kg	2055
Max. axle load, front/rear	kg	965 / 1170
Max. trailer load, braked (12%/unbraked)	kg	1300 / 750
Max. roofload/towbar download	kg	75 / 75
Luggage comp. capacity	l	480
Air resistance	c <sub>x</sub> x A	0.23 x 2.25
<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	115 / 156
at	rpm	4500 – 6500
Max. torque	Nm	250
at	rpm	1300 – 4300
<b>Electrical System</b>		
Battery/installation	Ah/–	80 / 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: M Sport 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

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**BMW 318i Sedan**

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**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	13.0
Output per litre	kW/l	57.5
Acceleration 0-100 km/h	s	8.6
Top speed	km/h	223

**BMW EfficientDynamics**

BMW EfficientDynamics standard features	Brake Energy Regeneration with recuperation display, Electric Power Steering, Automatic Start Stop function, Optimum Shift Indicator, coasting function, 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
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**Fuel Consumption ECE**

Combined (WLTP)	l/100 km	7.2 – 6.4
CO <sub>2</sub> (WLTP)	g/km	162 – 145
Emission rating		Euro 6e
CO <sub>2</sub> class(es)		F – E

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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# BMW 3 Series Sedan. 320i.

BMW 320i Sedan		
<b>Body</b>		
No of doors/seats		4 / 5
Length/width/height (unladen)	mm	4713 / 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	1515 / 1590
Max. load to DIN	kg	555
Max. permissible weight	kg	2070
Max. axle load, front/rear	kg	965 / 1170
Max. trailer load, braked (12%/unbraked)	kg	1600 / 750
Max. roofload/towbar download	kg	75 / 75
Luggage comp. capacity	l	480
Air resistance	c <sub>x</sub> x A	0.25 x 2.23
<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/–	80 / 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: M Sport suspension, 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

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**BMW 320i Sedan**

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**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	11.2
Output per litre	kW/l	67.6
Acceleration 0–100 km/h	s	7.4
Top speed	km/h	235

**BMW EfficientDynamics**

BMW EfficientDynamics standard features	Brake Energy Regeneration with recuperation display, Electric Power Steering, Automatic Start Stop function, Optimum Shift Indicator, coasting function, 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
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**Fuel Consumption ECE**

Combined (WLTP)	l/100 km	7.3 – 6.5
CO <sub>2</sub> (WLTP)	g/km	165 – 147
Emission rating		Euro 6e
CO <sub>2</sub> class(es)		F – E

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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<b>BMW 320i xDrive Sedan</b>		
<b>Body</b>		
No of doors/seats		4 / 5
Length/width/height (unladen)	mm	4713 / 1827 / 1445
Wheelbase	mm	2851
Track, front/rear	mm	1573 / 1587
Ground clearance	mm	135
Turning circle	m	12.0
Fuel tank capacity	approx. l	59
Engine oil <sup>1)</sup>	l	5.25
Weight, unladen, to DIN/EU	kg	1580 / 1655
Max. load to DIN	kg	555
Max. permissible weight	kg	2135
Max. axle load, front/rear	kg	1035 / 1185
Max. trailer load, braked (12%/unbraked)	kg	1800 / 750
Max. roofload/towbar download	kg	75 / 75
Luggage comp. capacity	l	480
Air resistance	c <sub>x</sub> x A	0.25 x 2.23
<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/–	80 / 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, xDrive all-wheel-drive system networked with DSC; optional: M Sport suspension, 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	14.9
Tyres, front/rear		225/50 R17 98Y XL
Rims, front/rear		7.5J x 17 light-alloy

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**BMW 320i xDrive Sedan**

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**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	11.7
Output per litre	kW/l	67.6
Acceleration 0-100 km/h	s	7.7
Top speed	km/h	230

**BMW EfficientDynamics**

BMW EfficientDynamics standard features	Brake Energy Regeneration with recuperation display, Electric Power Steering, Automatic Start Stop function, Optimum Shift Indicator, coasting function, 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
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**Fuel Consumption ECE**

Combined (WLTP)	l/100 km	7.6 – 6.8
CO <sub>2</sub> (WLTP)	g/km	171 – 153
Emission rating		Euro 6e
CO <sub>2</sub> class(es)		F – E

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

<sup>1)</sup> Oil change

Official fuel consumption, CO<sub>2</sub> emissions, electric power consumption and electric range figures were determined based on the prescribed measurement procedure in accordance with European Regulation (EC) 2007/15 in the version applicable. Where a range is shown, the WLTP figures take into account the impact of any optional extras.

Only official figures based on the WLTP procedure are available for new models that have been type tested since 01.01.2021. In addition, according to EU Regulation 2022/195, the NEDC values will no longer be included in the EC certificates of conformity as of 01.01.2023. Further information on the WLTP and NEDC measurement procedures can also be found at [www.bmw.de/wltp](http://www.bmw.de/wltp).

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-Schornhausen and at <https://www.dat.de/co2>.

# BMW 3 Series Sedan. 330i xDrive.

<b>BMW 330i xDrive Sedan</b>		
<b>Body</b>		
No of doors/seats		4 / 5
Length/width/height (unladen)	mm	4713 / 1827 / 1445
Wheelbase	mm	2851
Track, front/rear	mm	1573 / 1587
Ground clearance	mm	135
Turning circle	m	12.0
Fuel tank capacity	approx. l	59
Engine oil <sup>1)</sup>	l	5.25
Weight, unladen, to DIN/EU	kg	1595 / 1670
Max. load to DIN	kg	555
Max. permissible weight	kg	2150
Max. axle load, front/rear	kg	1050 / 1190
Max. trailer load, braked (12%)/unbraked	kg	1800 / 750
Max. roofload/towbar download	kg	75 / 75
Luggage comp. capacity	l	480
Air resistance	c <sub>x</sub> x A	0.26 x 2.23
<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	10.2
Fuel		Min. RON 91
Max. output	kW/hp	180 / 245
at	rpm	4500 – 6500
Max. torque	Nm	400
at	rpm	1600 – 4000
<b>Electrical System</b>		
Battery/installation	Ah/–	80 / 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, xDrive all-wheel-drive system networked with DSC; optional: M Sport suspension, 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	14.9
Tyres, front/rear		225/50 R17 98Y XL
Rims, front/rear		7.5J x 17 light-alloy

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**BMW 330i xDrive Sedan**

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**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	8.9
Output per litre	kW/l	90.1
Acceleration 0–100 km/h	s	5.7
Top speed	km/h	250

**BMW EfficientDynamics**

BMW EfficientDynamics standard features	Brake Energy Regeneration with recuperation display, Electric Power Steering, Automatic Start Stop function, Optimum Shift Indicator, coasting function, 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
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**Fuel Consumption ECE**

Combined (WLTP)	l/100 km	7.8 – 7.0
CO <sub>2</sub> (WLTP)	g/km	175 – 158
Emission rating		Euro 6e
CO <sub>2</sub> class(es)		F

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

<sup>1)</sup> Oil change

Official fuel consumption, CO<sub>2</sub> emissions, electric power consumption and electric range figures were determined based on the prescribed measurement procedure in accordance with European Regulation (EC) 2007/715 in the version applicable. Where a range is shown, the WLTP figures take into account the impact of any optional extras.

Only official figures based on the WLTP procedure are available for new models that have been type tested since 01.01.2021. In addition, according to EU Regulation 2022/195, the NEDC values will no longer be included in the EC certificates of conformity as of 01.01.2023. Further information on the WLTP and NEDC measurement procedures can also be found at [www.bmw.de/wltp](http://www.bmw.de/wltp).

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-Schornhausen and at <https://www.dat.de/co2>.

# BMW 3 Series Sedan. M340i xDrive.

<b>BMW M340i xDrive Sedan</b>		
<b>Body</b>		
No of doors/seats		4 / 5
Length/width/height (unladen)	mm	4714 / 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	7.2
Weight, unladen, to DIN/EU	kg	1725 / 1800
Max. load to DIN	kg	535
Max. permissible weight	kg	2260
Max. axle load, front/rear	kg	1115 / 1230
Max. trailer load, braked (12%/unbraked)	kg	1800 / 750
Max. roofload/towbar download	kg	75 / 75
Luggage comp. capacity	l	480
Air resistance	c <sub>x</sub> x A	0.27 x 2.23
<b>Power Unit</b>		
Config./No. of cyls./valves		In-line / 6 / 4
Engine technology		M TwinPower Turbo technology: twin-scroll turbocharger, High Precision Injection, VALVETRONIC fully variable valve timing, 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	1900 – 5000
48V mild hybrid technology		
Max. output	kW/hp	8 / 11
<b>Electrical System</b>		
12V battery/installation	Ah/–	80 / luggage compartment
48V battery/installation	Ah/–	11 / engine 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 four-piston fixed 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, xDrive all-wheel-drive system networked with DSC, M Sport suspension, 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 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), 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

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**BMW M340i xDrive Sedan**

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**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	6.3
Output per litre	kW/l	91.7
Acceleration 0–100 km/h	s	4.4
Top speed	km/h	250

**BMW EfficientDynamics**

BMW EfficientDynamics standard features	Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration with recuperation display, Automatic Start Stop function, coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering, 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
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**Fuel Consumption ECE**

Combined (WLTP)	l/100 km	8.5 – 7.8
CO <sub>2</sub> (WLTP)	g/km	192 – 177
Emission rating		Euro 6e
CO <sub>2</sub> class(es)		G

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

<sup>1)</sup> Oil change

Official fuel consumption, CO<sub>2</sub> emissions, electric power consumption and electric range figures were determined based on the prescribed measurement procedure in accordance with European Regulation (EC) 2007/715 in the version applicable. Where a range is shown, the WLTP figures take into account the impact of any optional extras.

Only official figures based on the WLTP procedure are available for new models that have been type tested since 01.01.2021. In addition, according to EU Regulation 2022/195, the NEDC values will no longer be included in the EC certificates of conformity as of 01.01.2023. Further information on the WLTP and NEDC measurement procedures can also be found at [www.bmw.de/wltp](http://www.bmw.de/wltp).

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>.

# BMW 3 Series Sedan. 318d.

<b>BMW 318d Sedan</b>		
<b>Body</b>		
No of doors/seats		4 / 5
Length/width/height (unladen)	mm	4713 / 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	5.5
Weight, unladen, to DIN/EU	kg	1585 / 1660
Max. load to DIN	kg	570
Max. permissible weight	kg	2155
Max. axle load, front/rear	kg	1005 / 1220
Max. trailer load, braked (12%/unbraked)	kg	1600 / 750
Max. roofload/towbar download	kg	75 / 75
Luggage comp. capacity	l	480
Air resistance	$c_x \times A$	0.25 x 2.23
<b>Power Unit</b>		
Config./No. of cyls./valves		In-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: multi-stage turbocharging, low-pressure turbocharger with variable inlet geometry, common-rail direct injection with solenoid injectors (max. injection pressure: 2500 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
48V mild hybrid technology		
Max. output	kW/hp	8 / 11
<b>Electrical System</b>		
12V battery/installation	Ah/–	70 / luggage compartment
48V battery/installation	Ah/–	11 / engine 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: M Sport suspension, 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 Sedan**

**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	14.4
Output per litre	kW/l	55.1
Acceleration 0–100 km/h	s	8.3
Top speed	km/h	218

**BMW EfficientDynamics**

BMW EfficientDynamics standard features	Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration with recuperation display, Automatic Start Stop function, coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering, 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, BMW Blue Performance technology with SCR catalytic converter
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**Fuel Consumption ECE**

Combined (WLTP)	l/100 km	5.6 – 4.9
CO <sub>2</sub> (WLTP)	g/km	147 – 129
Emission rating		Euro 6e
CO <sub>2</sub> class(es)		E – D

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

<sup>1)</sup> Oil change

Official fuel consumption, CO<sub>2</sub> emissions, electric power consumption and electric range figures were determined based on the prescribed measurement procedure in accordance with European Regulation (EC) 2007/715 in the version applicable. Where a range is shown, the WLTP figures take into account the impact of any optional extras.

Only official figures based on the WLTP procedure are available for new models that have been type tested since 01.01.2021. In addition, according to EU Regulation 2022/195, the NEDC values will no longer be included in the EC certificates of conformity as of 01.01.2023. Further information on the WLTP and NEDC measurement procedures can also be found at [www.bmw.de/wltp](http://www.bmw.de/wltp).

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-Schornhausen and at <https://www.dat.de/co2>.



# BMW 3 Series Sedan. 320d.

BMW 320d Sedan		
<b>Body</b>		
No of doors/seats		4 / 5
Length/width/height (unladen)	mm	4713 / 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	5.5
Weight, unladen, to DIN/EU	kg	1595 / 1670
Max. load to DIN	kg	570
Max. permissible weight	kg	2165
Max. axle load, front/rear	kg	1005 / 1220
Max. trailer load, braked (12%)/unbraked	kg	1600 / 750
Max. roofload/towbar download	kg	75 / 75
Luggage comp. capacity	l	480
Air resistance	c <sub>x</sub> x A	0.25 x 2.23
<b>Power Unit</b>		
Config./No. of cyls./valves		In-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: multi-stage turbocharging, low-pressure turbocharger with variable inlet geometry, common-rail direct injection with solenoid injectors (max. injection pressure: 2500 bar)
Effective capacity	cc	1995
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel		Diesel
Max. output	kW/hp	140 / 190
at	rpm	4000
Max. torque	Nm	400
at	rpm	1750 – 2500
48V mild hybrid technology		
Max. output	kW/hp	8 / 11
<b>Electrical System</b>		
12V battery/installation	Ah/–	80 / luggage compartment
48V battery/installation	Ah/–	11 / engine 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: M Sport suspension, 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 320d Sedan**

**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	11.4
Output per litre	kW/l	70.2
Acceleration 0–100 km/h	s	6.9
Top speed	km/h	235

**BMW EfficientDynamics**

BMW EfficientDynamics standard features	Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration with recuperation display, Automatic Start Stop function, coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering, 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, BMW Blue Performance technology with SCR catalytic converter
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**Fuel Consumption ECE**

Combined (WLTP)	l/100 km	5.6 – 4.9
CO <sub>2</sub> (WLTP)	g/km	147 – 129
Emission rating		Euro 6e
CO <sub>2</sub> class(es)		E – D

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

<sup>1)</sup> Oil change

Official fuel consumption, CO<sub>2</sub> emissions, electric power consumption and electric range figures were determined based on the prescribed measurement procedure in accordance with European Regulation (EC) 2007/715 in the version applicable. Where a range is shown, the WLTP figures take into account the impact of any optional extras.

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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-Schornhausen and at <https://www.dat.de/co2>.

# BMW 3 Series Sedan. 320d xDrive.

BMW 320d xDrive Sedan		
<b>Body</b>		
No of doors/seats		4 / 5
Length/width/height (unladen)	mm	4713 / 1827 / 1445
Wheelbase	mm	2851
Track, front/rear	mm	1573 / 1587
Ground clearance	mm	135
Turning circle	m	12.0
Fuel tank capacity	approx. l	59
Engine oil <sup>1)</sup>	l	5.5
Weight, unladen, to DIN/EU	kg	1660 / 1735
Max. load to DIN	kg	570
Max. permissible weight	kg	2230
Max. axle load, front/rear	kg	1070 / 1235
Max. trailer load, braked (12%/unbraked)	kg	1800 / 750
Max. roofload/towbar download	kg	75 / 75
Luggage comp. capacity	l	480
Air resistance	c <sub>x</sub> x A	0.25 x 2.23
<b>Power Unit</b>		
Config./No. of cyls./valves		In-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: multi-stage turbocharging, low-pressure turbocharger with variable inlet geometry, common-rail direct injection with solenoid injectors (max. injection pressure: 2500 bar)
Effective capacity	cc	1995
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel		Diesel
Max. output	kW/hp	140 / 190
at	rpm	4000
Max. torque	Nm	400
at	rpm	1750 – 2500
48V mild hybrid technology		
Max. output	kW/hp	8 / 11
<b>Electrical System</b>		
12V battery/installation	Ah/–	80 / luggage compartment
48V battery/installation	Ah/–	11 / engine 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, xDrive all-wheel-drive system networked with DSC; optional: M Sport suspension, 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	14.9
Tyres, front/rear		225/50 R17 98Y XL
Rims, front/rear		7.5J x 17 light-alloy

**BMW 320d xDrive Sedan**

**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	11.9
Output per litre	kW/l	70.2
Acceleration 0–100 km/h	s	7.2
Top speed	km/h	228

**BMW EfficientDynamics**

BMW EfficientDynamics standard features	Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration with recuperation display, Automatic Start Stop function, coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering, 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, BMW Blue Performance technology with SCR catalytic converter
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**Fuel Consumption ECE**

Combined (WLTP)	l/100 km	5.9 – 5.2
CO <sub>2</sub> (WLTP)	g/km	155 – 137
Emission rating		Euro 6e
CO <sub>2</sub> class(es)		E

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

<sup>1)</sup> Oil change

Official fuel consumption, CO<sub>2</sub> emissions, electric power consumption and electric range figures were determined based on the prescribed measurement procedure in accordance with European Regulation (EC) 2007/715 in the version applicable. Where a range is shown, the WLTP figures take into account the impact of any optional extras.

Only official figures based on the WLTP procedure are available for new models that have been type tested since 01.01.2021. In addition, according to EU Regulation 2022/195, the NEDC values will no longer be included in the EC certificates of conformity as of 01.01.2023. Further information on the WLTP and NEDC measurement procedures can also be found at [www.bmw.de/wltp](http://www.bmw.de/wltp).

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>.

# BMW 3 Series Sedan. 330d xDrive.

BMW 330d xDrive Sedan		
<b>Body</b>		
No of doors/seats		4 / 5
Length/width/height (unladen)	mm	4713 / 1827 / 1445
Wheelbase	mm	2851
Track, front/rear	mm	1573 / 1587
Ground clearance	mm	135
Turning circle	m	12.0
Fuel tank capacity	approx. l	59
Engine oil <sup>1)</sup>	l	7.0
Weight, unladen, to DIN/EU	kg	1760 / 1835
Max. load to DIN	kg	555
Max. permissible weight	kg	2315
Max. axle load, front/rear	kg	1130 / 1250
Max. trailer load, braked (12%/unbraked)	kg	1800 / 750
Max. roofload/towbar download	kg	75 / 75
Luggage comp. capacity	l	480
Air resistance	$c_x \times A$	0.25 x 2.23
<b>Power Unit</b>		
Config./No. of cyls./valves		In-line / 6 / 4
Engine technology		BMW TwinPower Turbo technology: multi-stage turbocharging, low-pressure turbocharger with variable inlet geometry, common-rail direct injection with piezo injectors (max. injection pressure: 2700 bar)
Effective capacity	cc	2993
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel		Diesel
Max. output	kW/hp	210 / 286
at	rpm	4000
Max. torque	Nm	650
at	rpm	1500 – 2500
48V mild hybrid technology		
Max. output	kW/hp	8 / 11
<b>Electrical System</b>		
12V battery/installation	Ah/–	90 / luggage compartment
48V battery/installation	Ah/–	11 / engine 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, xDrive all-wheel-drive system networked with DSC; optional: M Sport suspension, 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	14.9
Tyres, front/rear		225/50 R17 98Y XL
Rims, front/rear		7.5J x 17 light-alloy

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**BMW 330d xDrive Sedan**

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**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	2.563

**Performance**

Power-to-weight ratio (DIN)	kg/kW	8.4
Output per litre	kW/l	70.2
Acceleration 0–100 km/h	s	5.0
Top speed	km/h	250

**BMW EfficientDynamics**

BMW EfficientDynamics standard features	Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration with recuperation display, Automatic Start Stop function, coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering, 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, BMW Blue Performance technology with SCR catalytic converter
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**Fuel Consumption ECE**

Combined (WLTP)	l/100 km	6.3 – 5.6
CO <sub>2</sub> (WLTP)	g/km	164 – 146
Emission rating		Euro 6e
CO <sub>2</sub> class(es)		F – E

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

<sup>1)</sup> Oil change

Official fuel consumption, CO<sub>2</sub> emissions, electric power consumption and electric range figures were determined based on the prescribed measurement procedure in accordance with European Regulation (EC) 2007/715 in the version applicable. Where a range is shown, the WLTP figures take into account the impact of any optional extras.

Only official figures based on the WLTP procedure are available for new models that have been type tested since 01.01.2021. In addition, according to EU Regulation 2022/195, the NEDC values will no longer be included in the EC certificates of conformity as of 01.01.2023. Further information on the WLTP and NEDC measurement procedures can also be found at [www.bmw.de/wltp](http://www.bmw.de/wltp).

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-Schornhausen and at <https://www.dat.de/co2>.

# BMW 3 Series Sedan. M340d xDrive.

BMW M340d xDrive Sedan		
<b>Body</b>		
No of doors/seats		4 / 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	7.0
Weight, unladen, to DIN/EU	kg	1800 / 1875
Max. load to DIN	kg	540
Max. permissible weight	kg	2340
Max. axle load, front/rear	kg	1155 / 1260
Max. trailer load, braked (12%)/unbraked	kg	1800 / 750
Max. roofload/towbar download	kg	75 / 75
Luggage comp. capacity	l	480
Air resistance	c <sub>x</sub> x A	0.27 x 2.23
<b>Power Unit</b>		
Config./No. of cyls./valves		In-line / 6 / 4
Engine technology		BMW TwinPower Turbo technology: multi-stage turbocharging, high- and low-pressure turbochargers with variable intake geometry, common-rail direct injection with piezo injectors (max. injection pressure: 2700 bar)
Effective capacity	cc	2993
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel		Diesel
Max. output	kW/hp	250 / 340
at	rpm	4400
Max. torque	Nm	700
at	rpm	1750 – 2250
48V mild hybrid technology		
Max. output	kW/hp	8 / 11
<b>Electrical System</b>		
12V battery/installation	Ah/-	80 / luggage compartment
48V battery/installation	Ah/-	11 / engine 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 bearing
Suspension, rear		Five-link axle in lightweight aluminium-steel construction with M-specific elastokinematics
Brakes, front		Vented disc brakes, with four-piston fixed 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, xDrive all-wheel-drive system networked with DSC, M Sport suspension, 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 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), 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 M340d xDrive Sedan**

**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	2.563

**Performance**

Power-to-weight ratio (DIN)	kg/kW	7.2
Output per litre	kW/l	83.5
Acceleration 0–100 km/h	s	4.6
Top speed	km/h	250

**BMW EfficientDynamics**

BMW EfficientDynamics standard features	Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration with recuperation display, Automatic Start Stop function, coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering, 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, BMW Blue Performance technology with SCR catalytic converter
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**Fuel Consumption ECE**

Combined (WLTP)	l/100 km	6.6 – 6.0
CO <sub>2</sub> (WLTP)	g/km	172 – 157
Emission rating		Euro 6e
CO <sub>2</sub> class(es)		F

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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