

# Technical specifications.

## BMW 3 Series Sedan.

### 318i.



BMW 318i Sedan		
<b>Body</b>		
No of doors/seats		4 / 5
Length/width/height (unladen)	mm	4713 / 1827 / 1444
Wheelbase	mm	2851
Track, front/rear	mm	1573 / 1568
Ground clearance	mm	
Turning circle	m	11.4
Fuel tank capacity	approx. l	59
Engine oil <sup>1)</sup>		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/max towbar download	k	75 / 75
Luggage compartment capacity		480
Air resistance	c <sub>d</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: TwinScroll turbocharger, High Precision Direct Injection, VALVETRONIC fully variable valve control, 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	r / min	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 bearings
Suspension, rear		Five-link axle in lightweight aluminium-steel construction
Brakes, front		Single-piston floating-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; 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 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) 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 318i 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		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 (EPS), Auto Start Stop function, Optimum Shift Indicator, ECO PRO and COMFORT mode with 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, tyres with reduced rolling resistance	
Fuel Consumption ECE			
Combined (WLTP)	l/100 km		7.2 – 6.4
Combined (NEDC)	l/100 km		–
CO <sub>2</sub> (WLTP)	g/km		163 – 145
CO <sub>2</sub> (NEDC)	g/km		–
Emission rating			Euro 6d

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

<sup>1)</sup> Oil change volume

Fuel consumption, CO<sub>2</sub> emission figures, power consumption and range were measured using the methods required according to Regulation VO (EC) 2007/715 as amended. They refer to vehicles on the automotive market in Germany. With regard to ranges, the NEDC figures take into account differences in the selected wheel and tyre size, while the WLTP figures take into account the effects of any optional equipment.

All figures are already calculated on the basis of the new WLTP test cycle. NEDC values listed have been calculated back to the NEDC measurement procedure where applicable. WLTP values are used as a basis for the assessment of taxes and other vehicle-related levies that are (also) based on CO<sub>2</sub> emissions and, where applicable, for the purposes of vehicle-specific subsidies. Further information on the WLTP and NEDC measurement procedures is also available at [www.bmw.com/wltp](http://www.bmw.com/wltp).

# BMW 3 Series Sedan. 320i xDrive.

BMW 320i 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 / 1567
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/max towbar download	kg	75 / 75
Luggage comp capacity	l	480
Air resistance	c <sub>d</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: TwinScroll turbocharger, High Precision Direct Injection, VALVETRONIC fully variable valve control, 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 bearings
Suspension, rear		Five-link axle in lightweight aluminium-steel construction
Brakes, front		Single-piston floating-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; 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 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) 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 320i 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		11.7
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 (EPS), Auto Start Stop function, Optimum Shift Indicator, ECO PRO and COMFORT mode with 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, tyres with reduced rolling resistance	
Fuel Consumption ECE			
Combined (WLTP)	l/100 km		7.6 – 6.7
Combined (NEDC)	l/100 km		–
CO <sub>2</sub> (WLTP)	g/km		173 – 153
CO <sub>2</sub> (NEDC)	g/km		–
Emission rating			Euro 6d

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

<sup>1)</sup> Oil change volume

Fuel consumption, CO<sub>2</sub> emission figures, power consumption and range were measured using the methods required according to Regulation VO (EC) 2007/115 as amended. They refer to vehicles on the automotive market in Germany. With regard to ranges, the NEDC figures take into account differences in the selected wheel and tyre size, while the WLTP figures take into account the effects of any optional equipment.

All figures are already calculated on the basis of the new WLTP test cycle. NEDC values listed have been calculated back to the NEDC measurement procedure where applicable. WLTP values are used as a basis for the assessment of taxes and other vehicle-related levies that are (also) based on CO<sub>2</sub> emissions and, where applicable, for the purposes of vehicle-specific subsidies. Further information on the WLTP and NEDC measurement procedures is also available at [www.bmw.com/wltp](http://www.bmw.com/wltp).

# BMW 3 Series Sedan. M340i xDrive.

BMW M340i xDrive Sedan		
<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/max towbar download	kg	75 / 75
Luggage comp capacity	l	480
Air resistance	c <sub>d</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: 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	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 bearings	
Suspension, rear	Five-link axle in lightweight aluminium-steel construction	
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 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 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 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		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, Auto Start Stop function, ECO PRO and COMFORT mode with 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, tyres with reduced rolling resistance	
Fuel Consumption ECE			
Combined (WLTP)	l/100 km		8.5 – 7.8
Combined (NEDC)	l/100 km		–
CO <sub>2</sub> (WLTP)	g/km		193 – 177
CO <sub>2</sub> (NEDC)	g/km		–
Emission rating			Euro 6d

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

<sup>1)</sup> Oil change volume

Fuel consumption, CO<sub>2</sub> emission figures, power consumption and range were measured using the methods required according to Regulation VO (EC) 2007/715 as amended. They refer to vehicles on the automotive market in Germany. With regard to ranges, the NEDC figures take into account differences in the selected wheel and tyre size, while the WLTP figures take into account the effects of any optional equipment.

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# BMW 3 Series Sedan. 320e.

BMW 320e Sedan		
<b>Body</b>		
No. of doors/seats		4 / 5
Length/width/height(unladen)	mm	4713 / 1827 / 1444
Wheelbase	mm	2851
Track, front/rear	mm	1573 / 1568
Ground clearance	mm	147
Turning circle	m	11.4
Fuel tank capacity	approx. ltr	40
Engine oil <sup>1)</sup>	ltr	5.25
Weight, unladen, to DIN/EU	kg	1770 / 1845
Max. load to DIN	kg	520
Max. permissible weight	kg	2290
Max. axle load, front/rear	kg	1035 / 1320
Max. trailer load, braked (12%)/unbraked	kg	1500 / 750
Max. roof load/ max.towbar download	kg	75 / 75
Luggage comp. capacity	ltr	375
Air resistance	C <sub>d</sub> x A	0.25 x 2.23
<b>Drive system</b>		
Drive concept		Full hybrid drive, torque vectoring to rear wheels from one or both units
System output	kW/hp	150 / 204
System torque	Nm	350
System power-to-weight ratio (DIN)	kg/kW	11.8
<b>Combustion Engine</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	cm <sup>3</sup>	1998
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	11.0
Fuel		min RON 91
Output	kW/hp	120 / 163
at	rpm	5000 – 6500
Torque	Nm	300
at	rpm	1350 – 3700
Output per litre	kW/l	60.0
<b>Electric motor</b>		
Motor technology		BMWeDrive technology: synchronous electric motor integrated in eight-speed Steptronic transmission, generator function for energy recuperation for the high-voltage battery
Max output	kW/hp	80 / 109
at	rpm	3140
Torque	Nm	265
at	rpm	100 – 2500
Recuperation output	kW	20
<b>High-voltage battery</b>		
Storage technology / installation		Lithium-ion / underneath rear seat
Voltage	V	354
Capacity (gross)	kWh	12.0
Charging time for 80 % charge		2.6 h at 3.7 kW (16 A / 230 V)

BMW 320e Sedan			
<b>Driving Dynamics and Safety</b>			
Suspension, front		Double-joint spring-strut axle in lightweight aluminium-steel construction, hydraulically damped torque strut bearings	
Suspension, rear		Five-link axle in lightweight aluminium-steel construction	
Brakes, front		Single-piston floating-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; 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) 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	
<b>Transmission</b>			
Type of gearbox		Eight-speed Steptronic	
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	7.6
Top speed		km/h	225
Top speed electric		km/h	140
Electric range (WLTP)		km	54 – 62
<b>BMW EfficientDynamics</b>			
BMW EfficientDynamics standard features		BMW eDrive technology, Electric Power Steering (EPS), hybrid-specific Auto Start Stop function, Optimum Shift Indicator, ECO PRO and COMFORT mode with coasting function, Proactive Driving Assistant, BMW EfficientLightweight, optimised aerodynamic attributes, active air vents, on-demand operation of ancillary units, map-controlled oil pump, detachable a/c compressor, rear differential with optimised warm-up behaviour, tyres with reduced roll resistance	
<b>Consumption EU cycle</b>			
Fuel consumption, weighted combined (WLTP)		l/100 km	1.8 – 1.3
Fuel consumption, weighted combined (NEDC)		l/100 km	–
CO <sub>2</sub> emissions from fuel (WLTP)		g/km	40 – 29
CO <sub>2</sub> emissions from fuel (NEDC)		g/km	–
Electric power consumption, weighted combined (WLTP)		kWh/100 km	17.7 – 15.8
Electric power consumption, weighted combined (NEDC)		kWh/100 km	–
Emission rating		Euro 6d	

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

<sup>1)</sup> Oil change volume

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All figures are already calculated on the basis of the new WLTP test cycle. NEDC values listed have been calculated back to the NEDC measurement procedure where applicable. WLTP values are used as a basis for the assessment of taxes and other vehicle-related levies that are (also) based on CO<sub>2</sub> emissions and, where applicable, for the purposes of vehicle-specific subsidies. Further information on the WLTP and NEDC measurement procedures is also available at [www.bmw.com/wltp](http://www.bmw.com/wltp).



# BMW 3 Series Sedan. 330e.

BMW 330e Sedan		
<b>Body</b>		
No. of doors/seats		4 / 5
Length/width/height(unladen)	mm	4713 / 1827 / 1444
Wheelbase	mm	2851
Track, front/rear	mm	1573 / 1568
Ground clearance	mm	147
Turning circle	m	11.4
Fuel tank capacity	approx. ltr	40
Engine oil <sup>1)</sup>	ltr	5.25
Weight, unladen, to DIN/EU	kg	1770 / 1845
Max. load to DIN	kg	520
Max. permissible weight	kg	2290
Max. axle load, front/rear	kg	1035 / 1320
Max. trailer load, braked (12%)/unbraked	kg	1500 / 750
Max. roof load/ max.towbar download	kg	75 / 75
Luggage comp. capacity	ltr	375
Air resistance	c <sub>d</sub> x A	0.25 x 2.23
<b>Drive system</b>		
Drive concept		Full hybrid drive, torque vectoring to rear wheels from one or both units
System output	kW/hp	215 / 292
System torque	Nm	420
System power-to-weight ratio (DIN)	kg/kW	8.2
<b>Combustion Engine</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	cm <sup>3</sup>	1998
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	11.0
Fuel		min RON 91
Output	kW/hp	135 / 184
at	rpm	5000 – 6500
Torque	Nm	300
at	rpm	1350 – 4000
Output per litre	kW/l	67.6
<b>Electric motor</b>		
Motor technology		BMWeDrive technology: synchronous electric motor integrated in eight-speed Steptronic transmission, generator function for energy recuperation for the high-voltage battery
Max output	kW/hp	80 / 109
at	rpm	3140
Torque	Nm	265
at	rpm	100 – 2500
Recuperation output	kW	20
<b>High-voltage battery</b>		
Storage technology / installation		Lithium-ion / underneath rear seat
Voltage	V	354
Capacity (gross)	kWh	12.0
Charging time for 80 % charge		2.6 h at 3.7 kW (16 A / 230 V)

BMW 330e Sedan			
<b>Driving Dynamics and Safety</b>			
Suspension, front		Double-joint spring-strut axle in lightweight aluminium-steel construction, hydraulically damped torque strut bearings	
Suspension, rear		Five-link axle in lightweight aluminium-steel construction	
Brakes, front		Single-piston floating-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; 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) 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	
<b>Transmission</b>			
Type of gearbox		Eight-speed Steptronic	
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	5.8
Top speed		km/h	230
Top speed electric		km/h	140
Electric range (WLTP)		km	54 – 62
<b>BMW EfficientDynamics</b>			
BMW EfficientDynamics standard features		BMW eDrive technology, Electric Power Steering (EPS), hybrid-specific Auto Start Stop function, Optimum Shift Indicator, ECO PRO and COMFORT mode with coasting function, Proactive Driving Assistant, BMW EfficientLightweight, optimised aerodynamic attributes, active air vents, on-demand operation of ancillary units, map-controlled oil pump, detachable a/c compressor, rear differential with optimised warm-up behaviour, tyres with reduced roll resistance	
<b>Consumption EU cycle</b>			
Fuel consumption, weighted combined (WLTP)		l/100 km	1.8 – 1.3
Fuel consumption, weighted combined (NEDC)		l/100 km	–
CO <sub>2</sub> emissions from fuel (WLTP)		g/km	41 – 30
CO <sub>2</sub> emissions from fuel (NEDC)		g/km	–
Electric power consumption, weighted combined (WLTP)		kWh/100 km	17.9 – 16.0
Electric power consumption, weighted combined (NEDC)		kWh/100 km	–
Emission rating		Euro 6d	

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

<sup>1)</sup> Oil change volume

Fuel consumption, CO<sub>2</sub> emission figures, power consumption and range were measured using the methods required according to Regulation VO (EC) 2007/715 as amended. They refer to vehicles on the automotive market in Germany. With regard to ranges, the NEDC figures take into account differences in the selected wheel and tyre size, while the WLTP figures take into account the effects of any optional equipment.

All figures are already calculated on the basis of the new WLTP test cycle. NEDC values listed have been calculated back to the NEDC measurement procedure where applicable. WLTP values are used as a basis for the assessment of taxes and other vehicle-related levies that are (also) based on CO<sub>2</sub> emissions and, where applicable, for the purposes of vehicle-specific subsidies. Further information on the WLTP and NEDC measurement procedures is also available at [www.bmw.com/wltp](http://www.bmw.com/wltp).

# BMW 3 Series Sedan. 330e xDrive.

BMW 330e xDrive Sedan		
<b>Body</b>		
No. of doors/seats		4 / 5
Length/width/height(unladen)	mm	4713 / 1827 / 1444
Wheelbase	mm	2851
Track, front/rear	mm	1573 / 1567
Ground clearance	mm	147
Turning circle	m	12.0
Fuel tank capacity	approx. ltr	40
Engine oil <sup>1)</sup>	ltr	5.25
Weight, unladen, to DIN/EU	kg	1825 / 1900
Max. load to DIN	kg	520
Max. permissible weight	kg	2345
Max. axle load, front/rear	kg	1090 / 1330
Max. trailer load, braked (12%)/unbraked	kg	1500 / 750
Max. roof load/ max.towbar download	kg	75 / 75
Luggage comp. capacity	ltr	375
Air resistance	c <sub>d</sub> x A	0.25 x 2.23
<b>Drive system</b>		
Drive concept	Full hybrid drive, transmission of engine torque of one or both motors to all four wheels via BMW xDrive	
System output	kW/hp	215 / 292
System torque	Nm	420
System power-to-weight ratio (DIN)	kg/kW	8.5
<b>Combustion Engine</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	cm <sup>3</sup>	1998
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	11.0
Fuel	min RON 91	
Output	kW/hp	135 / 184
at	rpm	5000 – 6500
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 in eight-speed Steptronic transmission, generator function for energy recuperation for the high-voltage battery	
Max output	kW/hp	80 / 109
at	rpm	3140
Torque	Nm	265
at	rpm	100 – 2500
Recuperation output	kW	20
<b>High-voltage battery</b>		
Storage technology / installation	Lithium-ion / underneath rear seat	
Voltage	V	354
Capacity (gross)	kWh	12.0
Charging time for 80 % charge	2.6 h at 3.7 kW (16 A / 230 V)	

BMW 330e xDrive Sedan			
<b>Driving Dynamics and Safety</b>			
Suspension, front		Double-joint spring-strut axle in lightweight aluminium-steel construction, hydraulically damped torque strut bearings	
Suspension, rear		Five-link axle in lightweight aluminium-steel construction	
Brakes, front		Single-piston floating-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; 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) 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	
<b>Transmission</b>			
Type of gearbox		Eight-speed Steptronic	
Gear ratios		I	:1
		II	:1
		III	:1
		IV	:1
		V	:1
		VI	:1
		VII	:1
		VIII	:1
		R	:1
Final drive		:1	3.231
<b>Performance</b>			
Acceleration		0–100 km/h	s
Top speed		km/h	5.8
Top speed electric		km/h	230
Electric range (WLTP)		km	140
			51 – 59
<b>BMW EfficientDynamics</b>			
BMW EfficientDynamics standard features		BMW eDrive technology, Electric Power Steering (EPS), hybrid-specific Auto Start Stop function, Optimum Shift Indicator, ECO PRO and COMFORT mode with coasting function, Proactive Driving Assistant, BMW EfficientLightweight, optimised aerodynamic attributes, active air vents, on-demand operation of ancillary units, map-controlled oil pump, detachable a/c compressor, efficiency-optimised all-wheel drive, rear differential with optimised warm-up behaviour, tyres with reduced roll resistance	
<b>Consumption EU cycle</b>			
Fuel consumption, weighted combined (WLTP)		l/100 km	2.0 – 1.5
Fuel consumption, weighted combined (NEDC)		l/100 km	–
CO <sub>2</sub> emissions from fuel (WLTP)		g/km	45 – 33
CO <sub>2</sub> emissions from fuel (NEDC)		g/km	–
Electric power consumption, weighted combined (WLTP)		kWh/100 km	18.7 – 16.6
Electric power consumption, weighted combined (NEDC)		kWh/100 km	–
Emission rating		Euro 6d	

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

<sup>1)</sup> Oil change volume

Fuel consumption, CO<sub>2</sub> emission figures, power consumption and range were measured using the methods required according to Regulation VO (EC) 2007/715 as amended. They refer to vehicles on the automotive market in Germany. With regard to ranges, the NEDC figures take into account differences in the selected wheel and tyre size, while the WLTP figures take into account the effects of any optional equipment.

All figures are already calculated on the basis of the new WLTP test cycle. NEDC values listed have been calculated back to the NEDC measurement procedure where applicable. WLTP values are used as a basis for the assessment of taxes and other vehicle-related levies that are (also) based on CO<sub>2</sub> emissions and, where applicable, for the purposes of vehicle-specific subsidies. Further information on the WLTP and NEDC measurement procedures is also available at [www.bmw.com/wltp](http://www.bmw.com/wltp).

# BMW 3 Series Sedan. 318d.

BMW 318d 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 / 1568
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	1555 / 1630
Max load to DIN	kg	570
Max permissible weight	kg	2125
Max axle load, front/rear	kg	980 / 1220
Max trailer load, braked (12%)/unbraked	kg	1600 / 750
Max roofload/max towbar download	kg	75 / 75
Luggage comp capacity	l	480
Air resistance	c <sub>d</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 valve 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 – 2750
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 bearings
Suspension, rear		Five-link axle in lightweight aluminium-steel construction
Brakes, front		Single-piston floating-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; 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 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) 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		14.1
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, Auto Start Stop function, ECO PRO and COMFORT mode with 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, tyres with reduced rolling resistance, BMW Blue Performance technology with SCR catalytic converter	
Fuel Consumption ECE			
Combined (WLTP)	l/100 km		5.5 – 4.8
Combined (NEDC)	l/100 km		–
CO <sub>2</sub> (WLTP)	g/km		146 – 127
CO <sub>2</sub> (NEDC)	g/km		–
Emission rating			Euro 6d

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

<sup>1)</sup> Oil change volume

Fuel consumption, CO<sub>2</sub> emission figures, power consumption and range were measured using the methods required according to Regulation VO (EC) 2007/715 as amended. They refer to vehicles on the automotive market in Germany. With regard to ranges, the NEDC figures take into account differences in the selected wheel and tyre size, while the WLTP figures take into account the effects of any optional equipment.

All figures are already calculated on the basis of the new WLTP test cycle. NEDC values listed have been calculated back to the NEDC measurement procedure where applicable. WLTP values are used as a basis for the assessment of taxes and other vehicle-related levies that are (also) based on CO<sub>2</sub> emissions and, where applicable, for the purposes of vehicle-specific subsidies. Further information on the WLTP and NEDC measurement procedures is also available at [www.bmw.com/wltp](http://www.bmw.com/wltp).

# 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 / 1568
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	1570 / 1645
Max load to DIN	kg	570
Max permissible weight	kg	2140
Max axle load, front/rear	kg	980 / 1220
Max trailer load, braked (12%)/unbraked	kg	1600 / 750
Max roofload/max towbar download	kg	75 / 75
Luggage comp capacity	l	480
Air resistance	c <sub>d</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
48 V mild hybrid technology		
Max output	kW/hp	8 / 11
<b>Electrical System</b>		
12 V battery/installation	Ah/–	80 / luggage compartment
48 V 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		11.2
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 48 volt starter generator, Brake Energy Regeneration with recuperation display, Auto Start Stop function, ECO PRO and COMFORT mode with coasting function, Proactive Driving Assistant. Optimum Shift Indicator, Electric Power Steering (EPS), 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 including SCR catalytic converter	
Fuel Consumption ECE			
Combined (WLTP)	l/100 km		5.5 – 4.8
Combined (NEDC)	l/100 km		–
CO <sub>2</sub> (WLTP)	g/km		145 – 127
CO <sub>2</sub> (NEDC)	g/km		–
Emission rating			Euro 6d

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

<sup>1)</sup> Oil change volume

Fuel consumption, CO<sub>2</sub> emission figures, power consumption and range were measured using the methods required according to Regulation VO (EC) 2007/715 as amended. They refer to vehicles on the automotive market in Germany. With regard to ranges, the NEDC figures take into account differences in the selected wheel and tyre size, while the WLTP figures take into account the effects of any optional equipment.

All figures are already calculated on the basis of the new WLTP test cycle. NEDC values listed have been calculated back to the NEDC measurement procedure where applicable. WLTP values are used as a basis for the assessment of taxes and other vehicle-related levies that are (also) based on CO<sub>2</sub> emissions and, where applicable, for the purposes of vehicle-specific subsidies. Further information on the WLTP and NEDC measurement procedures is also available at [www.bmw.com/wltp](http://www.bmw.com/wltp).



# 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 / 1567
Ground clearance	mm	135
Turning circle	m	12.0
Fuel tank capacity	approx. l	40 (optional: 59)
Engine oil <sup>1)</sup>	l	5,5
Weight, unladen, to DIN/EU	kg	1630 / 1705
Max load to DIN	kg	570
Max permissible weight	kg	2200
Max axle load, front/rear	kg	1040 / 1230
Max trailer load, braked (12%)/unbraked	kg	1800 / 750
Max roofload/max towbar download	kg	75 / 75
Luggage comp capacity	l	480
Air resistance	c <sub>d</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
48 V mild hybrid technology		
Max output	kW/hp	8 / 11
<b>Electrical System</b>		
12 V battery/installation	Ah/–	80 / luggage compartment
48 V 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 linked 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		11.6
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 48 volt starter generator, Brake Energy Regeneration with recuperation display, Auto Start Stop function, ECO PRO and COMFORT mode with coasting function, Proactive Driving Assistant. Optimum Shift Indicator, Electric Power Steering (EPS), 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, BMW Blue Performance technology including SCR catalytic converter	
Fuel Consumption ECE			
Combined (WLTP)	l/100 km		5.9 – 5.1
Combined (NEDC)	l/100 km		–
CO <sub>2</sub> (WLTP)	g/km		154 – 135
CO <sub>2</sub> (NEDC)	g/km		–
Emission rating			Euro 6d

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

<sup>1)</sup> Oil change volume

Fuel consumption, CO<sub>2</sub> emission figures, power consumption and range were measured using the methods required according to Regulation VO (EC) 2007/115 as amended. They refer to vehicles on the automotive market in Germany. With regard to ranges, the NEDC figures take into account differences in the selected wheel and tyre size, while the WLTP figures take into account the effects of any optional equipment.

All figures are already calculated on the basis of the new WLTP test cycle. NEDC values listed have been calculated back to the NEDC measurement procedure where applicable. WLTP values are used as a basis for the assessment of taxes and other vehicle-related levies that are (also) based on CO<sub>2</sub> emissions and, where applicable, for the purposes of vehicle-specific subsidies. Further information on the WLTP and NEDC measurement procedures is also available at [www.bmw.com/wltp](http://www.bmw.com/wltp).

# 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 / 1440
Wheelbase	mm	2851
Track, front/rear	mm	1573 / 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	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/max towbar download	kg	75 / 75
Luggage comp capacity	l	480
Air resistance	c <sub>d</sub> x 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 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 bearings
Suspension, rear		Five-link axle in lightweight aluminium-steel construction
Brakes, front		Single-piston floating-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; 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 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) 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 330d 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		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, Auto Start Stop function, ECO PRO and COMFORT mode with 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, tyres with reduced rolling resistance, BMW Blue Performance technology with SCR catalytic converter	
Fuel Consumption ECE			
Combined (WLTP)	l/100 km		6.0 – 5.4
Combined (NEDC)	l/100 km		–
CO <sub>2</sub> (WLTP)	g/km		159 – 141
CO <sub>2</sub> (NEDC)	g/km		–
Emission rating			Euro 6d

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

<sup>1)</sup> Oil change volume

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# 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 / 1445
Wheelbase	mm	2851
Track, front/rear	mm	1583 / 1567
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	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/max towbar download	kg	75 / 75
Luggage comp capacity	l	480
Air resistance	C <sub>d</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: multi-stage charging, high and low pressure turbocharger with variable-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
48 V mild hybrid technology		
Max output	kW/hp	8 / 11
<b>Electrical System</b>		
12 V battery/installation	Ah/–	80 / luggage compartment
48 V 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 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 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 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 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		7.3
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 48 volt starter generator, Brake Energy Regeneration with recuperation display, Auto Start Stop function, ECO PRO and COMFORT mode with coasting function, Proactive Driving Assistant. Optimum Shift Indicator, Electric Power Steering (EPS), 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, BMW Blue Performance technology including SCR catalytic converter	
Fuel Consumption ECE			
Combined (WLTP)	l/100 km		6.4 – 5.8
Combined (NEDC)	l/100 km		–
CO <sub>2</sub> (WLTP)	g/km		169 – 153
CO <sub>2</sub> (NEDC)	g/km		–
Emission rating			Euro 6d

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