# Technical specifications. BMW 3 Series Sedan.

### 318i.



		BMW 318i Sedan
Bod		
No of doors/seots		4/5
	on) mm	4713 / 1827 / 1444
Length/width/height (unlad		2851
Wheelbase	mm	
Trock, frant/rear	mm	1573 / 1568
Ground clearance	mm	
Turning circle	m_	11.4
Fuel tank capacity	approx. I	59
En ine oil 1)		5.25
Weight, unladen, to DIN/EU	kg	1500 / 1575
Max laad to DIN	kg	555
Max permissible weight	kg	2055
Max oxle load, front/rear	kg	965 / 1170
Max trailer lood,		
braked (12%)/unbraked	kg	1300 / 750
Max roafload/max towbar		75 / 75
dawnload	k	
Luggage camp capacity		480
Air resistance	c₄ x A	0.23 x 2.25
Power Unit		
Config/No of cyls/volves		In-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: TwinScroll turbocharger, High
3 3,		Precision Direct Injection, VALVETRONIC fully variable valve control,
		Dauble-VANOS variable camshaft timing
Effective capacity	СС	1998
Strake/bare	mm	94.6 / 82.0
Compression ratio	:1	11.0
Fuel		min. RON 91
Max output	kW/hp	115 / 156
ot	r m	4500 – 6500
Max torque	Nm	250
at	rpm	1300 – 4300
<u>ut</u>	тртт	1500 - 4500
Electrical System		
Battery/installation	Ah/-	80 / luggage compartment
Buttery/installation	AII/-	80 / loggage compartment
Driving Dynamics and Safe	.b.,	
Suspension, front		Dauble-joint spring-strut axle in lightweight aluminium-steel construction,
Suspension, front		hydroulically damped torque strut beorings
Suspension room		Five-link axle in lightweight aluminium-steel construction
Suspension, rear 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 Cantral), CBC
		(Cornering Brake Control), DBC (Dynamic Brake Control), Performance
		Controi, Dry Braking function, Fading Compensation, Start Off Assistant;
Cafabraguiament		optional: M Sport suspension
Safety equipment	3	standard: airbags for driver and front possenger, side airbags for driver and
	_	front passenger, head airbags front and rear, three-paint inertia-reel
	S	seatbelts for all seats, frant seats with belt stopper, belt latch tensioner and
		belt farce limiter, crash-active front head restraints, crash sensors, tyre
Chooring		pressure indicator  Electric Payer Steering (EDS) with Servetronic functions
Steering		Electric Power Steering (EPS) with Servotronic function;
Stooring vetice	.1	aptianal: variable spart 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			Fieht aread Ctenturals turnsvissing
Type of transmission			Eight-speed Steptronic transmission
Gear ratios	<u> </u>	:1_	5.250
	<u>II</u>	: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 EfficientDynamic	:S		
BMW EfficientDynamics			Brake Energy Regeneration with recuperation display, Electric Power
standard features			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, mapregulated oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance
Fuel Consumption ECE			
Combined (WLTP)		100 km	7.2 – 6.4
Combined (WETP)		100 km	7.2-0.4
CO <sub>2</sub> (WLTP)	1/		 163 - 145
		g/km	105 – 145
CO <sub>2</sub> (NEDC)		g/km	Euro 6d
Emission rating			

Fuel consumption,  $CO_2$  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.

<sup>&</sup>lt;sup>1)</sup> Oil change volume

#### BMW 3 Series Sedan. 320i xDrive.

		BMW 320i xDrive Sedan
Body		
No of doors/seats		4/5
Length/width/height (unlad	en) mm	
Wheelbase	mm	
Track, front/rear	mm	
Ground clearance	mm	
Turning circle	m	
Fuel tank capacity	approx. I	·
Engine oil 1)		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	
Max roofload/max towbar	132	75 / 75
download	kg	N-
Luggage comp capacity  Air resistance	5 × A	100
Air resistunce	C <sub>d</sub> x A	U.25 X 2.25
Power Unit		
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	СС	1000
Stroke/bore	mm	
Compression ratio	:1	
Fuel		min. RON 91
Max output	kW/hp	135 / 184
at .	rpm	
Max torque	Nm	300
at	rpm	1350 – 4000
Electrical System		
Battery/installation	Ah/-	80 / luggage compartment
<b>Driving Dynamics and Safe</b> Suspension, front	ty	Double-joint spring-strut axle in lightweight aluminium-steel construction,
Suspension, none		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
briving stability systems		(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
	. 1	14.9
Steering ratio, overall	:1	
Steering ratio, overall Tyres, front/rear Rims, front/rear	:1	225/50 R17 98Y XL 7.5J x 17 light-alloy

			BMW 320i xDrive Sedan
T			
Transmission Type of transmission			Fight angod Chaptenia transmission
Gear ratios	1	:1	Eight-speed Steptronic transmission 5.250
dearratios	<u> </u>	:1	3.360
	<u>''</u>	<u>.                                </u>	2.172
	IV	:1	1.720
	V	:1	1.316
	V	:1	1.000
	VII	:1	0.822
	VIII	:1	0.640
	R	:1	3.712
Final drive	- 11	:1	2.813
i iliui ulive			2.013
Performance			
Power-to-weight ratio	o (DIN)	kg/kW	11.7
Output per litre		kW/l	67.6
Acceleration 0–10	00 km/h	S	7.7
Top speed		km/h	230
<b>BMW EfficientDynan</b>			
BMW EfficientDynam	iics		Brake Energy Regeneration with recuperation display, Electric Power
standard features			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 E0	CF		
Combined (WLTP)		100 km	7.6 - 6.7
Combined (NEDC)		100 km	
CO <sub>2</sub> (WLTP)		g/km	173 – 153
CO <sub>2</sub> (NEDC)		g/km	-
Emission rating			Euro 6d

Fuel consumption,  $CO_2$  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.

<sup>&</sup>lt;sup>1)</sup> Oil change volume

#### BMW 3 Series Sedan. M340i xDrive.

		BMW M340i xDrive Sedan
Body		
No of doors/seats		4/5
Length/width/height (unlade		4714 / 1827 / 1440
Wheelbase	mm	2851
Track, front/rear	mm	1583 / 1567
Ground clearance	mm	130
Turning circle	m	12.0
	approx. I	59
Engine oil 1)	- 1	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,	- Ng	11137 1230
braked (12%)/unbraked	kg	1800 / 750
Max roofload/max towbar	ĸg	75 / 75
download	ko	75175
	kg I	480
Luggage comp capacity		
<u>Air resistance</u>	C <sub>d</sub> x A	0.27 x 2.23
Power Unit		
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	СС	2998
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	10.2
Fuel		min. RON 91
	kW/hp	275 / 374
Max output		
at	rpm	5500 – 6500
Max torque	Nm	500
at	rpm	1900 – 5000
48V mild hybrid technology Max output	kW/hp	8/11
Floatrical System		
Electrical System	Ah/-	00 / h
12V battery/installation		80 / luggage compartment
48V battery/installation	Ah/–	11 / engine compartment
Driving Dynamics and Safet	у	
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
Surety equipment		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
Chaorina		
Steering		Electric Power Steering (EPS), variable sport steering with Servotronic
Chapulas valis		function
Steering ratio, overall	:1	13.6
Tyres, front/rear		225/45 R18 95Y XL/
B: ( ) (		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 transm	laalaa		Fight anged Chaptenia transmission
Gear ratios	IISSIOII	:1	Eight-speed Steptronic transmission 5.250
<u>dear ratios</u>	<u> </u>	:1	3.360
	<u>''</u>	:1	2.172
	III	:1	1.720
	V	:1	1.316
	v VI	:1	1.000
	VI	:1	0.822
	VII	:1	0.822
	R	:1	3.712
Final drive	К	:1	2.813
Final arive		:1	2.813
Performance			
Power-to-weig	ht 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 Efficientl	Dynamics		
BMW EfficientE standard featur	Dynamics		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 Consumpt		1/4.0.	0.5.70
Combined (WL	TP)	l/100 km	8.5 – 7.8
Combined (NEI	חרו – – – – – – – – – – – – – – – – – – –	1/100	
Combined (NEI	JC,	km	_
CO <sub>2</sub> (WLTP)		g/km	193 – 177
CO <sub>2</sub> (NEDC)		g/km	
Emission rating	1		Euro 6d

Fuel consumption,  $CO_2$  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.

<sup>&</sup>lt;sup>1)</sup> Oil change volume

# BMW 3 Series Sedan. 320e.

		BMW 320e Sedan
Body		
No. of doors/seats		4/5
Length/width/height(unladen)	mm	4713 / 1827 / 1444
Wheelbase	mm mm	2851
Track, front/rear		1573 / 1568
Ground clearance	mm	147
Turning circle	mm m	11.4
	m m	40
Fuel tank capacity	approx. ltr	5.25
Engine oil <sup>1)</sup> Weight, unladen, to DIN/EU	ltr	
	kg	
Max. load to DIN	kg	520
Max. permissible weight	kg	2290
Max. axle load, front/rear	kg	1035 / 1320
Max. trailer load,		1500 (750
braked (12%)/unbraked	kg	1500 / 750
Max. roof load/ max.towbar	1	75 / 75
download	kg	275
Luggage comp. capacity	ltr	375
Air resistance	c <sub>d</sub> x A	0.25 x 2.23
Drive system		
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 (		11.8
Combustion Engine		
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	13.77	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
Electric motor		
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
High-voltage battery		
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
D		
Driving Dynamics and Sa	fety	B. H
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	:	
Tyres, front/rear		225/50 R17 98Y XL
Rims, front/rear		7.5J x 17 light-alloy
Transmission		
Type of gearbox		Eight-speed Steptronic
Gear ratios	T :	
dedi futios	· II :	
	VI :	
	VII :	
	VIII :	
	R :	1 3.317
Final drive	:	1 3.231
Performance		
Acceleration 0–100 kr	m/h	s 7.6
Top speed	km/	h 225
Top speed electric	km/	h 140
Electric range (WLTP)	kr	n 54 – 62
BMW EfficientDynamics		
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
Consumption EU cycle Fuel consumption.		
weighted combined (WLT Fuel consumption.	P) I/100 k	m 1.8 – 1.3
weighted combined (NED		
CO <sub>2</sub> emissions from fuel (\		
CO <sub>2</sub> emissions from fuel (I Electric power consumption	on	
weighted combined (WLT Electric power consumption		m 17.7 – 15.8
weighted combined (NED		
Emission rating		Euro 6d

Fuel consumption,  $CO_2$  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.

<sup>&</sup>lt;sup>1)</sup> Oil change volume

### BMW 3 Series Sedan. 330e.

		BMW 330e Sedan
Body		
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		147
Turning circle	mm	11.4
	m	
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		75 / 75
download	kg	
Luggage comp. capacity	ltr	375
Air resistance	$c_d \times A$	0.25 x 2.23
Data analam		
Drive system		
Drive concept		Full hybrid drive, torque vectoring to rear wheels
	11.77	from one or both units
System output	kW/hp	215 / 292
System torque	Nm	420
System power-to-weight ratio	kg/kW	8.2
(DIN)		
Combustion Engine		
Config./No. of cyls./valves		In-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: twin scroll turbocharger,
3 3,		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		5000 – 6500
	rpm Nm	300
Torque		1350 – 4000
at	rpm	
Output per litre	kW/l	67.6
Electric motor		
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	
Recuperation output	kW	20
Recuperation output	KVV	20
High-voltage battery		
Storage technology / installation	n	Lithium-ion / underneath rear seat
Voltage	٧	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
Driving Dynamics and Safe	ty	
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
Transmission		
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
	/II :1	0.839
	7III :1	0.667
	R :1	3.317
Final drive	:1	3.231
Performance		
Acceleration 0–100 km/	'n s	5.8
Top speed	km/h	230
Top speed electric	km/h	140
Electric range (WLTP)	km	54 – 62
BMW EfficientDynamics		
BMW EfficientDynamics standard features	•	MW 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
Consumption EU cycle Fuel consumption.		
weighted combined (WLTP)	I/100 km	1.8 – 1.3
Fuel consumption. weighted combined (NEDC)	I/100 km	<u>-</u>
CO <sub>2</sub> emissions from fuel (WL CO <sub>2</sub> emissions from fuel (NE		41 – 30 –
Electric power consumption weighted combined (WLTP)	kWh/100 km	17.9 – 16.0
Electric power consumption weighted combined (NEDC)		
Emission rating		Euro 6d

Fuel consumption,  $CO_2$  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.

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

#### BMW 3 Series Sedan. 330e xDrive.

		BMW 330e xDrive Sedan
Body		
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		147
Turning circle	mm	12.0
	m m	40
Fuel tank capacity	approx. ltr	
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		75 / 75
download	kg	
Luggage comp. capacity	ltr	375
Air resistance	$c_d \times A$	0.25 x 2.23
Drive system		
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	kg/kW	8.5
(DIN)	_	
Combustion Engine		
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	cm³	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
Output per litre	KVV/I	07.0
Electric motor		
Motor technology		PMM oDrive technology synchronous electric meter integrated in eight
Motor technology		BMW eDrive technology: synchronous electric motor integrated in eight-
		speed Steptronic transmission, generator function for energy recuperation for the
		high-voltage battery
Maryaruharuh	14/4//6	
Max output	kW/hp	80 / 109
<u>at</u>	rpm	3140
Torque	Nm	265
at	rpm	100 – 2500
Recuperation output	kW	20
High-voltage battery		
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
Dubday D	6-L	
Driving Dynamics and Sa	fety	Deadle to be a start and to Bake which all all and a start
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
<i>3</i> , ,		(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;
C-(-)		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
T		
Transmission Type of gearbox		Eight-speed Steptronic
	I :1	4.714
deal ratios	·	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 kr		5.8
Top speed	km/h	230
Top speed electric	km/h	140 51 – 59
Electric range (WLTP)	km	51-59
BMW EfficientDynamics		
BMW EfficientDynamics		BMW eDrive technology, Electric Power Steering (EPS), hybrid-specific
standard features		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
Consumption EU cycle		
Fuel consumption.		
weighted combined (WLTI	P) I/100 km	2.0 – 1.5
Fuel consumption.	.,	
weighted combined (NED)	C) I/100 km	<b>-</b>
CO <sub>2</sub> emissions from fuel (V		45 – 33
CO <sub>2</sub> emissions from fuel (N		-
Electric power consumption		
weighted combined (WLTI		18.7 – 16.6
Electric power consumption		
weighted combined (NED)	C) kWh/100 km	
Emission rating		Euro 6d

Fuel consumption,  $CO_2$  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.

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

### BMW 3 Series Sedan. 318d.

		BMW 318d Sedan
		BMW 5 I OU Seuuli
Body		
No of doors/seats		4/5
Length/width/height (unlad	len) 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. I	40 (optional: 59)
Engine oil 1)	- 1	5.5
Weight, unladen, to DIN/EU	l 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		75 / 75
download	kg	
Luggage comp capacity	- 1	480
Air resistance	$c_d \times A$	0.25 x 2.23
Power Unit		
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
Electrical System		
12V battery/installation	Ah/-	70 / luggage compartment
48V battery/installation	Ah/-	11 / engine compartment
-		
Driving Dynamics and Safe	ety	
Suspension, front		Double-joint spring-strut axle in lightweight aluminium-steel construction,
<u> </u>		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;
Catabuaaulassast		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;
Steeling		optional: variable sport steering
Steering ratio, overall	:1	optional. variable sport steering
Tyres, front/rear	.1	225/50 R17 98Y XL
Rims, front/rear		7.5J x 17 light-alloy
rans, noncreat		7.37 X 17 light-ulloy

			BMW 318d Sedan
Transmission			
Type of transm	nission		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-weig	ht ratio (DIN)	kg/kW	14.1
Output per litre	2	kW/l	55.1
Acceleration	0-100 km/h	S	8.3
Top speed		km/h	218
BMW Efficient	Dynamics		
BMW Efficientl	Dynamics		Mild hybrid technology with 48V starter-generator, Brake Energy
standard featu	ires		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 Consump			
Combined (WL	.TP)	I/100 km	5.5 – 4.8

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)

146 – 127

I/100 km

Figures in brackets apply to models with automatic transmission

g/km

1) Oil change volume

Combined (NEDC)

CO<sub>2</sub> (WLTP)

Fuel consumption,  $CO_2$  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.

## BMW 3 Series Sedan. 320d.

		BMW 320d Sedan
Dadu		
Body		/ / [
No of doors/seats	-)	4/5
Length/width/height (unlade		4713 / 1827 / 1440
Wheelbase	mm	2851
Track, front/rear	mm	1573 / 1568
Ground clearance	mm	141
Turning circle	m	11.4
	approx. I	40 (optional: 59)
Engine oil 1)	1	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		75 / 75
download	kg	
Luggage comp capacity	I	480
Air resistance	c <sub>d</sub> x A	0.25 x 2.23
	-	
Power Unit		
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	СС	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	.ρ	1730 2300
Max output	kW/hp	8/11
- tan ootpot	ж	<u> </u>
Electrical System		
12 V battery/installation	Ah/-	80 / luggage compartment
48 V battery/installation	Ah/-	11 / engine compartment
Driving Dynamics and Safet	у	
Suspension, front		Double-joint spring strut axle in lightweight aluminium-steel construction,
Cuananaian roor		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;
Cofebration		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
5		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 transmi	ssion		Eight-speed Steptronic transmission
Gear ratios	J I	:1	5.250
dear ratios	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-weigh	it 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 EfficientD			
BMW EfficientD	,		Mild hybrid technology with 48 volt starter generator, Brake Energy
standard feature	es		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 Consumpti			
Combined (WLT	.,	100 km	5.5 – 4.8
Combined (NED	C) //	100 km	
CO <sub>2</sub> (WLTP)		g/km	145 – 127
CO <sub>2</sub> (NEDC)		g/km	-
<b>Emission rating</b>			Euro 6d

Fuel consumption,  $CO_2$  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.

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

# BMW 3 Series Sedan. 320d xDrive.

	BMW 320d xDrive Sedan
Body	
No of doors/seats	4/5
	nm 4713 / 1827 / 1445
	nm 2851
	nm 1573 / 1567
	nm 135
Turning circle	m 12.0
Fuel tank capacity appro	· · · · · · · · · · · · · · · · · · ·
Engine oil 1)	I 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,	10 10 7 1230
braked (12%)/unbraked	kg 1800 / 750
Max roofload/max towbar	75 / 75
download	kg
Luggage comp capacity	I 480
	A 0.25 x 2.23
Power Unit	
Config/No of cyls/valves	In-line / 4 / 4
Engine technology	BMW TwinPower Turbo technology: multi-stage turbocharging, low-
g tee	pressure turbocharger with variable inlet geometry, common-rail direct
	injection with solenoid injectors (max. injection pressure: 2500 bar)
Effective capacity	cc 1995
	90.0 / 84.0
Compression ratio	:1 16.5
Fuel	Diesel
Max output kW/	hp 140 / 190
	om 4000
	Vm 400
·	om 1750 – 2500
48 V mild hybrid technology	1,50 250
Max output kW/	hp 8/11
	-
Electrical System	
	n/— 80 / luggage compartment
	n/– 11 / engine compartment
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
3 , ,	(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	!		Fight around Chapters in terrocariosis a
Type of transmi: Gear ratios	SSION	- 1	Eight-speed Steptronic transmission
Gear ratios	II	:1 :1	5.250 3.360
	<u>!!</u> 	:1	2.172
-	IV	:1	1.720
	V	:1	1.720
	V	:1	1.000
	VII	:1	0.822
	VIII	:1	0.822
	R	:1	3.712
Cia al aluica	K	:1	-
Final drive		:1	2.813
Performance			
Power-to-weigh	nt 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 EfficientD	vnamics		
BMW EfficientD	•		Mild hybrid technology with 48 volt starter generator, Brake Energy
standard feature			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 Consumpti	on ECE		
Combined (WLT	P) I.	/100 km	5.9 – 5.1
Combined (NED	C) I.	/100 km	; <del>=</del>
CO₂ (WLTP)	•	g/km	154 – 135
CO <sub>2</sub> (NEDC)		g/km	-
Emission rating			Euro 6d

Fuel consumption,  $CO_2$  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.

<sup>&</sup>lt;sup>1)</sup> Oil change volume

# BMW 3 Series Sedan. 330d xDrive.

	DMW22201 D 1 C 1
	BMW 330d xDrive Sedan
Body	
No of doors/seats	4/5
Length/width/height (unladen) mm	
Wheelbase mm	
Track, front/rear mm	
Ground clearance mm	
Turning circle m	
Fuel tank capacity approx. I	
Engine oil 1)	
Weight, unladen, to DIN/EU kg	1760 / 1835
Max load to DIN kg	
Max permissible weight kg	
Max axle load, front/rear kg	
Max trailer load,	
braked (12%)/unbraked kg	1800 / 750
Max roofload/max towbar	75 / 75
download kg	
Luggage comp capacity I	
Air resistance C <sub>d</sub> x A	0.25 x 2.23
Power Unit	
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 co	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	
at rpm	1500 – 2500
48V mild hybrid technology	
output kW/hp	8/11
Electrical System	
12V battery/installation Ah/-	
48V battery/installation Ah/-	11 / engine compartment
Database Damanalas and Cofelia	
Driving Dynamics and Safety	Davida iniat anning atmit and in lightureight alternations at all anothers at a
Suspension, front	Double-joint spring-strut axle in lightweight aluminium-steel construction,
Cuenoncian roor	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 Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC
Driving stability systems	(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
Surety equipment	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	
Tyres, front/rear	225/50 R17 98Y XL
Rims, front/rear	7.5J x 17 light-alloy

			BMW 330d xDrive Sedan
Transmission			
Type of transmissi	on		Eight-speed Steptronic transmission
Gear ratios	<u> </u>	:1	5.500
	- 11	: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 r	atio (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 EfficientDyn	amics		
BMW EfficientDyno	amics		Mild hybrid technology with 48V starter-generator, Brake Energy
standard features			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			
Combined (WLTP)	- I	/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

Fuel consumption,  $CO_2$  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.

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

# BMW 3 Series Sedan. M340d xDrive.

		BMW M340d xDrive Sedan
Dadu		
Body No of doors/seats		4/5
Length/width/height (unlade	n) mm	4713 / 1827 / 1445
Wheelbase	mm	2851
Track, front/rear	mm	1583 / 1567
Ground clearance	mm	13557 1367
Turning circle	m	12.0
	approx. I	59
Engine oil 1)	upprox. i	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 kg	1155 / 1260
Max trailer load,	ĸy	11337 1200
braked (12%)/unbraked	kg	1800 / 750
Max roofload/max towbar	Ng.	75 / 75
download	kg	75775
Luggage comp capacity	Ng_	480
Air resistance	C₁ x A	0.27 x 2.23
All resistance	G / A	0.27 X 2.23
Power Unit		
Config/No of cyls/valves		In-line / 6 / 4
Engine technology		M TwinPower Turbo technology: multi-stage charging,
Liigille tecililology		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	- 11	
	1-14//	Diesel
Max output	kW/hp	250 / 340
at Manufacture	rpm	4400
Max torque	Nm	700
at	rpm	1750 – 2250
48 V mild hybrid technology	13.70	0./44
Max output	kW/hp	8/11
Flactrical Cycless		
Electrical System 12 V battery/installation	Ah/-	90 / luggagg compartment
48 V battery/installation	An/- Ah/-	80 / luggage compartment
48 V battery/installation	An/-	11 / engine compartment
Driving Dynamics and Safet		
Suspension, front	у	Double-joint spring-strut axle in lightweight aluminium-steel construction
Suspension, front		with M specific elastokinematics, hydraulically damped torque strut
		bearings
Suspension, rear		Five-link axle in lightweight aluminium-steel construction with M specific
Suspension, real		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
Driving stability systems		(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
Safety equipment	•	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
Seconing		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 M340d xDrive Sedan
Transmission			
Type of transmi	ssion		Eight-speed Steptronic transmission
Gear ratios	I	:1	5.500
	ll l	: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-weigh	t ratio (DIN)	kg/kW	7.3
Output per litre	, ,	kW/I	83.5
Acceleration	0-100 km/h	s	4.6
Top speed		km/h	250
BMW EfficientD	vnamics		
BMW EfficientD			Mild hybrid technology with 48 volt starter generator, Brake Energy
standard feature			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
F I C	ECE		<u>.</u>
<b>Fuel Consumpti</b> Combined (WLT		100 km	6.4 – 5.8
	. ,	100 km	0.4 - 0.0
Combined (NED	C) 1/		 169 – 153
CO <sub>2</sub> (WLTP)		g/km	103 - 103
CO2 (NEDC)		g/km	

Fuel consumption,  $CO_2$  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.

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