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# Technical specifications. BMW 3 Series Sedan. 318i.



		BMW 318i Sedan
D. J.		
Body No of deers/seets		A / E
No of doors/seats	100.100	4/5
Length/width/height (unladen)	mm	4709 / 1827 / 1435 2851
Wheelbase	mm	
Track, front/rear	mm	1589 / 1604
Ground clearance	mm	136
Turning circle	m	11.4
Fuel tank capacity	approx. I	59
Engine oil 1)	1	5.25
Weight, unladen, to DIN/EU	kg	1490 / 1565
Max load to DIN	kg	560
Max permissible weight	kg	2050
Max axle load, front/rear	kg	965 / 1150
Max trailer load,		
braked (12%)/unbraked	kg	1300 / 750
Max roofload/max towbar		
download	kg	75/75
Luggage comp capacity		480
Air resistance	C <sub>d</sub> x A	0.23 x 2.22
Power Unit		
Config/No of cyls/valves		In-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: TwinScroll turbocharger, High Precision
Engine teerinology		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	rpm	4500 – 6500
Max torque	Nm	250
at	rpm	1300 – 4300
Electrical System		
Battery/installation	Ah/–	80 / luggage compartment
Driving Dynamics and Safe	ty	D. M. Starres and J. L. Sephin School and Company of the start of the
Suspension, front		Double-joint spring-strut axle in lightweight aluminium-steel construction,
0		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		205/60 R16 96W XL
Rims, front/rear		6.5J x 16 light-alloy

			BMW 318i Sedan
Transmission			
Type of transmissi	on		Eight-speed Steptronic transmission
Gear ratios	l	:1	5,250
	il i	: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 ra	atio (DIN)	kg/kW	13.0
Output per litre		kW/l	57.5
Acceleration C	)–100 km/h	S	8.4
Top speed		km/h	223
BMW EfficientDy	ynamics		
BMW EfficientDyn	amics		Brake Energy Regeneration with recuperation display, Electric Power Steering
standard features			(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	on ECE		
Urban (NEDC)		I/100 km	7.0 – 6.7
Extra-urban (NEDC	C)	I/100 km	4.9 – 4.4
Combined (NEDC)	)	l/100 km	5.7 – 5.3
Combined (WLTP)		l/100 km	7.1 – 6.3
CO <sub>2</sub> (NEDC)		g/km	130 – 120
CO <sub>2</sub> (WLTP)		g/km	162 – 142
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

## BMW 3 Series Sedan. 320i.

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		BMW 320i Sedan
Dadu		
Body No of doors/seats		4/5
		473
Length/width/height (unladen) Wheelbase	mm	
	mm	2851 1589 / 1604
Track, front/rear	mm	*** **
Ground clearance	mm	136
Turning circle	m	11.4
Fuel tank capacity	approx. I	59
Engine oil 1)	1	5.25
Weight, unladen, to DIN/EU	kg	1495 / 1570
Max load to DIN	kg	555
Max permissible weight	kg	2050
Max axle load, front/rear	kg	965 / 1150
Max trailer load,		
braked (12%)/unbraked	kg	1600 / 750
Max roofload/max towbar		
download	kg	75/75
Luggage comp capacity		480
Air resistance	C <sub>d</sub> x A	0.24 x 2.22
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	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
Electrical October		
Electrical System	A1. /	00/1
Battery/installation	Ah/-	80 / luggage compartment
<b>Driving Dynamics and Safe</b>	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-pistor floating-calliper disc brakes, vented
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering
Driving stability systems		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
ошету едирителя		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;
Olas de la collection d		optional: variable sport steering
Steering ratio, overall	:1	14.1
Tyres, front/rear		205/60 R16 96W XL
Rims, front/rear		6.5J x 16 light-alloy

			BMW 320i Sedan
Transmission			
Type of transmission			Eight-speed Steptronic transmission
Gear ratios	I	:1	5,250
	ll l	: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	11.1
Output per litre		kW/l	67.6
Acceleration 0–10	00 km/h	S	7.1
Top speed		km/h	235
BMW EfficientDyna	mics		
BMW EfficientDynami	CS		Brake Energy Regeneration with recuperation display, Electric Power Steering
standard features			(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 E	ECE		
Urban (NEDC)	1/	100 km	7.1 – 6.6
Extra-urban (NEDC)	1/	100 km	4.9 – 4.5
Combined (NEDC)	1/	100 km	5.7 – 5.3
Combined (WLTP)	1/	100 km	7.2 – 6.3
CO <sub>2</sub> (NEDC)		g/km	130 – 120
CO <sub>2</sub> (WLTP)		g/km	163 – 142
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

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

age 5		

		BMW 320i xDrive Sedan
		DINIT OLOI ADITIVE OCCUR
Body		
No of doors/seats		4/5
Length/width/height (unladen)	mm	4709 / 1827 / 1445
Wheelbase	mm	2851
Track, front/rear	mm	1573 / 1567
Ground clearance	mm	135
Turning circle	m	12.0
Fuel tank capacity	approx. I	59
Engine oil 1)		5.25
Weight, unladen, to DIN/EU	kg	1560 / 1635
Max load to DIN	kg	570
Max permissible weight	kg	2130
Max axle load, front/rear	kg	1050 / 1185
	ку	10307 1103
Max trailer load,	l.a	1000 / 750
braked (12%)/unbraked	kg	1800 / 750
Max roofload/max towbar	ما	75 / 75
download	kg I	75/75
Luggage comp capacity		480
Air resistance	C <sub>d</sub> x A	0.25 x 2.22
Power Unit		
Config/No of cyls/valves		In-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: TwinScroll turbocharger, High Precision
Engine technology		Direct Injection, VALVETRONIC fully variable valve control,
Effective especit		Double-VANOS variable camshaft timing 1998
Effective capacity	CC	
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	11.0
Fuel		min. RON 91
Max output	kW/hp	135 / 184
<u>at </u>	rpm	5000 – 6500
Max torque	Nm	300
at	rpm	1350 – 4000
Florida I O at an		
Electrical System	Ah/–	OO / huggaga comportment
Battery/installation	An-	80 / luggage compartment
Driving Dynamics and Safe	tv	
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
Driving stability systems		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
ouroty equiprinerit		passenger, head airbags front and rear, three-point inertia-reel seatbelts for all
		, , ,
		spate front spate with helt stonner helt latch tensioner and helt force limiter
		seats, front seats with belt stopper, belt latch tensioner and belt force limiter,
Steering		crash-active front head restraints, crash sensors, tyre pressure indicator
Steering		crash-active front head restraints, crash sensors, tyre pressure indicator Electric Power Steering (EPS) with Servotronic function;
	.4	crash-active front head restraints, crash sensors, tyre pressure indicator Electric Power Steering (EPS) with Servotronic function; optional: variable sport steering
Steering ratio, overall	:1	crash-active front head restraints, crash sensors, tyre pressure indicator  Electric Power Steering (EPS) with Servotronic function; optional: variable sport steering  14.9
	:1	crash-active front head restraints, crash sensors, tyre pressure indicator Electric Power Steering (EPS) with Servotronic function; optional: variable sport steering

		BMW 320i xDrive Sedan
		DMW 3201 XDTIVE Sedan
Transmission		
Type of transmission		Eight-speed Steptronic transmission
Gear ratios	1 :	9 1 1
	II :	3,360
	III :	
	IV :	1.720
	V :	1.316
	VI :	1.000
	VII :	0.822
	VIII :	0.640
	R :	3.712
Final drive	:	2.813
Performance		
Power-to-weight ratio (D	IN) kg/kV	11.6
Output per litre	kW.	<u> </u>
Acceleration 0–100	km/h	7.6
Top speed	km/ł	1 230
BMW EfficientDynami	ice	
BMW EfficientDynamics		Brake Energy Regeneration with recuperation display, Electric Power Steering
standard features		(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
F C		
Fuel Consumption EC	. <b>⊑</b> l/100 kn	7.8 – 7.3
Urban (NEDC)		
Extra-urban (NEDC)	l/100 kn	
Combined (NEDC)	I/100 kn	
Conbined (WLTP)	1/100 kn	
CO <sub>2</sub> (NEDC) CO <sub>2</sub> (WLTP)	g/kn	
	g/kn	
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. 330i.

		BMW 330i Sedan
Body		
No of doors/seats		4/5
Length/width/height (unladen)	mm	4709 / 1827 / 1435
Wheelbase	mm	2851
Track, front/rear	mm	1573 / 1567
Ground clearance	mm	136
Turning circle	m	11.4
Fuel tank capacity	approx. I	59
Engine oil 1)	арргол. і	5.25
Weight, unladen, to DIN/EU	kg	1505 / 1580
Max load to DIN	kg	555
Max permissible weight		2060
Max axle load, front/rear	kg kg	985 / 1160
Max trailer load,	- Ky	36371100
braked (12%)/unbraked	ka	1600 / 750
Max roofload/max towbar	kg	10001130
download	kg	75 / 75
Luggage comp capacity	Ng_	480
Air resistance	C <sub>d</sub> x A	0.24 x 2.22
All resistance	CaxA	U.24 X Z.2Z
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	CC	1998
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	10.2
Fuel		min. RON 91
Max output	kW/hp	190 / 258
at	rpm	5000 – 6500
Max torque	Nm	400
at	rpm	1550 – 4400
Electrical System		
Battery/installation	Ah/–	80 / luggage compartment
Driving Dynamics and Safe	ty	
Suspension, front		Double-joint spring-strut axle in lightweight aluminium-steel construction,
0		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
	l	Brake Control), DBC (Dynamic Brake Control), Performance Control, Dry Braking
		function, Fading Compensation, Start-Off Assistant;
		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,
Ctaorina		crash-active front head restraints, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS) with Servotronic function;
Otanian satis a sau		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 330i Sedan
Transmission			
Type of transmission	1		Eight-speed Steptronic transmission
Gear ratios		:1	5.250
	ll ll	: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 rat	io (DIN)	kg/kW	7.9
Output per litre		kW/l	95.1
Acceleration 0-	-100 km/h	S	5.9
Top speed		km/h	250
BMW EfficientDyr	namics		
BMW EfficientDynar	nics		Brake Energy Regeneration with recuperation display, Electric Power Steering
standard features			(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	1 ECE		
Urban (NEDC)		I/100 km	7.4 – 7.1
Extra-urban (NEDC)		l/100 km	5.2 – 4.8
Combined (NEDC)		l/100 km	6.0 – 5.6
Combined (WLTP)		l/100 km	7.3 – 6.4
CO <sub>2</sub> (NEDC)		g/km	138 – 129
CO <sub>2</sub> (WLTP)		g/km	166 – 147
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

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

		BMW 330i xDrive Sedan
		Diffit Cool ADITIC Coddin
Body		
No of doors/seats		4/5
Length/width/height (unladen)	mm	4709 / 1827 / 1445
Wheelbase	mm	2851
Track, front/rear	mm	1573 / 1567
Ground clearance	mm	135
Turning circle	m	12.0
Fuel tank capacity	approx. I	59
Engine oil 1)	Г	5.25
Weight, unladen, to DIN/EU	kg	1585 / 1660
Max load to DIN	kg	570
Max permissible weight		2155
	kg	1055 / 1195
Max axle load, front/rear	kg	10557 1195
Max trailer load,	1	4000 / 750
braked (12%)/unbraked	kg	1800 / 750
Max roofload/max towbar	1	75.175
download	kg	75/75
Luggage comp capacity		480
Air resistance	C <sub>d</sub> x A	0.25 x 2.22
Dower Unit		
Power Unit		In the state of
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	10.2
Fuel		min. RON 91
Max output	kW/hp	190 / 258
at	rpm	5000 – 6500
Max torque	Nm	400
at	rpm	1550 – 4400
Electrical System		
Battery/installation	Ah/–	80 / luggage compartment
Driving Dynamics and Safe	ty	Double is interprine at sut only in light unight of unique at all construction
Suspension, front		Double-joint spring-strut axle in lightweight aluminium-steel construction,
Cupancian 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
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering
	ŀ	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
Steering ratio, overall Tyres, front/rear Rims, front/rear	:1	14.9 225/50 R17 98Y XL

			BMW 330i xDrive Sedan
Transmission			511
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 rati	io (DIN)	kg/kW	8.3
Output per litre	- (	kW/l	95.1
	·100 km/h	S	5,6
Top speed		km/h	250
D101/15/2 : .D			
BMW EfficientDynar			Brake Energy Regeneration with recuperation display, Electric Power Steering
standard features	TIICS		(EPS), Auto Start Stop function, Optimum Shift Indicator, ECO PRO and
standard leatures			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
<b>Fuel Consumption</b>			
Urban (NEDC)	l/1	00 km	7.7 – 7.2
Extra-urban (NEDC)	I/1	00 km	5.5 – 5.1
Combined (NEDC)	I/1	00 km	6.3 – 5.9
Combined (WLTP)	I/1	00 km	7.6 – 6.7
CO <sub>2</sub> (NEDC)		g/km	145 – 135
CO <sub>2</sub> (WLTP)		g/km	173 – 154
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

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

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rage 11	

		BMW M340i xDrive Sedan
D. J.		
Body		415
No of doors/seats		4/5
Length/width/height (unladen)	mm	4713 / 1827 / 1440
Wheelbase	mm	2851
Track, front/rear	mm	1583 / 1567
Ground clearance	mm	130
Turning circle	m	12.0
Fuel tank capacity	approx. I	59
Engine oil 1)	1	7.2
Weight, unladen, to DIN/EU	kg	1735/ 1810
Max load to DIN	kg	510
Max permissible weight	kg	2245
Max axle load, front/rear	kg	1115 / 1230
Max trailer load,		
braked (12%)/unbraked	kg	1800 / 750
Max roofload/max towbar		10007700
download	kg	75/75
Luggage comp capacity		480
Air resistance	Cd x A	0.26 x 2.22
All Tesistatice	CaxA	0.20 x 2.22
Power Unit		
Config/No of cyls/valves		In-line / 6 / 4
Engine technology		M TwinPower Turbo technology: TwinScroll turbocharger, High Precision Direct
Engine technology		Injection, VALVETRONIC fully variable valve control,
		Double-VANOS variable camshaft timing
Effective capacity		2998
	CC	
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
Electrical System		
12V battery/installation	Ah/-	80 / luggage compartment
48V battery/installation	Ah/-	11 / engine compartment
		•
<b>Driving Dynamics and Safet</b>	y	
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		
Driving stability systems		
		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering
		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Performance Control, Dry Braking
		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
		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:
Cofety convicement		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: 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  Standard: airbags for driver and front passenger, side airbags for driver and front
Safety equipment		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  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
Safety equipment		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  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,
		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  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		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  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 Electric Power Steering (EPS), variable sport steering with Servotronic function
Steering Steering ratio, overall		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  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 Electric Power Steering (EPS), variable sport steering with Servotronic function 13.6
Steering		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  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 Electric Power Steering (EPS), variable sport steering with Servotronic function 13.6  225/45 R18 95Y XL/
Steering Steering ratio, overall Tyres, front/rear		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  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  Electric Power Steering (EPS), variable sport steering with Servotronic function 13.6  225/45 R18 95Y XL/ 255/40 R18 99Y XL
Steering Steering ratio, overall		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  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  Electric Power Steering (EPS), variable sport steering with Servotronic function  13.6  225/45 R18 95Y XL/

		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	n/h s	4.4
Top speed	km/h	250
BMW EfficientDynamics	<u> </u>	
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		
Urban (NEDC)	l/100 km	9.0 – 8.5
Extra-urban (NEDC)	l/100 km	5.9 – 5.5
Combined (NEDC)	l/100 km	7.0 – 6.6

8.2 – 7.5

161 – 152 188 – 172

Euro 6d

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

I/100 km

g/km

g/km

Combined (WLTP)

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

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

Emission rating

<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	4709 / 1827 / 1444
Wheelbase	mm	2851
Track, front/rear	mm	1573 / 1569
Ground clearance	mm	147
Turning circle	m	11.4
Fuel tank capacity	approx. Itr	40
Engine oil 1)	ltr	5.25
Weight, unladen, to DIN/EU	kg	1765 / 1840
Max. load to DIN	kg	535
Max. permissible weight	kg	2300
Max. axle load, front/rear	kg	1035 / 1315
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 2.22

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 (DIN)	kg/kW	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		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

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 8-speed
		Steptronic transmission, generator function for energy recuperation for the
		high-voltage battery
Max output	kW/hp	83 / 113
at	rpm	3170
Torque	Nm	265
at	rpm	100 – 2500
Recuperation output	kW	20

riccapcianon carpar		20	
High-voltage battery			
Storage technology / installa	tion	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
		Divivi O206 Sedan
<b>Driving Dynamics and Safe</b>	ety	
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 eatbelts 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		8-speed Steptronic
Gear ratios I	:1	4.714
	II :1	3.143
	III :1	2.106
	V :1	1.667
	V :1	1.285
	VI :1	1.000
	/II :1	0.839
V	TII :1	0.667
	R :1	3.317
Final drive	:1	3.231
Performance		
Acceleration 0–100 km/h	S	7.6
Top speed	km/h	220
Top speed electric	km/h	140
Electric range (WLTP)	km	52 – 61
		02 01
BMW EfficientDynamics		DMAN - Deits to be also at the Device Chapting (FDC) by being a series
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 (NEDC)	l/100 km	1.8 – 1.5
Fuel consumption. weighted combined (WLTP)	I/100 km	1.8 – 1.3
CO <sub>2</sub> emissions from fuel (NED		41 – 35
CO <sub>2</sub> emissions from fuel (WLT	P) g/km	41 – 29
Electric power consumption weighted combined (NEDC)	kWh/100 km	14.8 – 14.2
Electric power consumption weighted combined (WLTP)	kWh/100 km	18.1 – 16.1
Emission rating	<u> </u>	Euro 6d

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

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.

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.

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

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

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Body			BMW 330e Sedan
No. of doors/seats			DMW 330e Sedan
Lengthwidthheight (unladen)	Body		
Wheelbase	No. of doors/seats		4/5
Track, front/rear	Length/width/height (unladen)	mm	4709 / 1827 / 1444
Ground clearance	Wheelbase	mm	2851
Turning circle m 11.4 Fuel tank capacity approx. Itr 40 Fuel tank capacity approx. Itr 40 Engine oil 10 Itr 5.25 Weight, unladen, to DIN/EU kg 1770 / 1845 Max. load to DIN kg 530 Max. add to DIN kg 23000 Max. ake load, front/rear kg 1035 / 1315 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 cd X A 0.25 x 2.22   Drive system  Drive concept Full hybrid drive, torque vectoring to rear wheels from one or both units System output kW/hp 215 / 292 System power-to-weight ratio (DIN) kg/kW 8.2  Combustion Engine  Config./No. of cyls.valves in-line / 4 / 4 Engine technology BMW TwinPower Turbo technology: twin scroll turbochar High Precision Injection, VALVETRONIC fully variable valve to 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 ppm 5000 – 6500  Torque Nm 300 at rpm 1350 – 4000  Output per litre kW/li 67.6  Electric motor  Max output kW/hp 83 / 113 at rpm 3170  Torque Nm 3170  Torque Nm 3170  Torque Nm 265 at rpm 100 – 2500  Recuperation output kW 20  High-voltage battery	Track, front/rear	mm	1573 / 1569
Fuel tank capacity	Ground clearance	mm	147
Engine oil 19 Weight, unladen, to DIN/EU kg 1770 / 1845 Weight, unladen, to DIN/EU kg 530 Max. pade to DIN kg 530 Max. permissible weight kg 2300 Max. avale load, front/rear kg 1035 / 1315 Max. trailer load, braked (12%/unbraked kg 1500 / 750 Max. avale load, front/rear download kg 75 / 75 Luggage comp. capacity ltr 375 Air resistance ca x A 0.25 x 2.22  Air resistance 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  Combustion Engine Config./No. of cyls./valves Engine technology BMW TwinPower Turbo technology; twin scroll turbochan High Precision Injection, VALVETRONIC fully variable valve t Double-VANOS variable camshaft timing  Effective capacity cm³ 1998 Stroke/bore mm 94.6 / 82.0 Compression ratio :1 1.1.0 Fuel min RON 91 Output kW/hp 135 / 184 att rpm 5000 - 6500 Torque Nm 300 at rpm 1350 - 4000 Output per litre kW/l 67.6  Electric motor  Max output kW/hp 83 / 1133 at rpm 3170 Torque Nm 265 at rpm 100 - 2500 Recuperation output kW 20  High-voltage battery  High-voltage battery  High-voltage battery	Turning circle	m	11.4
Weight, unladen, to DIN/EU         kg         1770 / 1845           Max. load to DIN         kg         530           Max. bad to DIN         kg         2300           Max. axie load, front/rear         kg         1035 / 1315           Max. trailer load, braked (12%) furbraked         kg         1500 / 750           Max. roof load/ max.towbar download         kg         75 / 75           Luggage comp. capacity         ltr         375           Air resistance         cd x A         0.25 x 2.22           Drive system           Drive system         Full hybrid drive, torque vectoring to rear wheels from one or both units           System output         kW/hp         215 / 292           System forque         Nm         420           System power-to-weight ratio (DIN)         kg/kW         8.2           Combustion Engine           Config./INo. of cyls./valives         in-line / 4 / 4         8.2           Engine technology         BMW TwinPower Turbo technology: twin scroll turbochar High Precision Injection, VALVETRONIC fully variable valve to Double-VANOS variable camshaft timing         BMW TwinPower Turbo technology: twin scroll turbochar High Precision Injection, VALVETRONIC fully variable valve to Double-VANOS variable camshaft timing         1998           Strokelbore         mm	Fuel tank capacity a	pprox. Itr	40
Max. load to DIN         kg         530           Max. permissible weight         kg         2300           Max. axel load, front/rear         kg         1035 / 1315           Max. trailer load, braked (12%)Junbraked         kg         1500 / 750           Max. roof load/ max.towbar download         kg         75 / 75           Luggage comp. capacity         ltr         375           Air resistance         cd x A         0.25 x 2.22           Drive system           Drive concept         Full hybrid drive, torque vectoring to rear wheels from one or both units           System output         kW/hp         215 / 292           System power-to-weight ratio (DIN)         kg/kW         8.2           Combustion Engine           Combustion Engine         BMW TwinPower Turbo technology: twin scroll turbochar High Precision Injection, VALVETRONIC fully variable valve to Double-VANOS variable camshaft timing           Effective capacity         cm³         1998           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	Engine oil 1)	ltr	5.25
Max. permissible weight     kg     2300       Max. ake load, front/rear     kg     1035 / 1315       Max. trailer load, braked (12%)furbraked     kg     1500 / 750       Max. roof load/ max.towbar download     kg     75 / 75       Luggage comp. capacity     ltr     375       Air resistance     cd x A     0.25 x 2.22       Drive system       Drive system     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       Combustion Engine       Config.No. of cyls./valves     in-line I 4 / 4       Engine technology     BMW TwinPower Turbo technology: twin scroll turbochan High Precision Injection, VALVETRONIC fully variable valve to 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 <t< td=""><td>Weight, unladen, to DIN/EU</td><td>kg</td><td>1770 / 1845</td></t<>	Weight, unladen, to DIN/EU	kg	1770 / 1845
Max. axia load, front/rear         kg         1035 / 1315           Max. trailer load, braked (12%)/unbraked         kg         1500 / 750           Max. roof load/ max.towbar download         kg         75 / 75           Luggage comp. capacity         Itr         375           Air resistance         cd x A         0.25 x 2.22           Drive system           Drive system         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           Combustion Engine           Config./No. of cyls./valves         in-line / 4 / 4         1.1           Engine technology         BMW TwinPower Turbo technology: twin scroll turbochar High Precision Injection, VALVETRONIC fully variable valve to Double-VANOS variable camshaft timing         1.1	Max. load to DIN	kg	530
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         Cd x A         0.25 x 2.22           Drive system           Drive system         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           Combustion Engine           Config./No. of cyls.Avalves         in-line / 4 / 4           Engine technology         BMW TwinPower Turbo technology: twin scroll turbochar High Precision Injection, VALVETRONIC fully variable valve to 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         13	Max. permissible weight	kg	2300
Max. trailer load, braked (12%)Junbraked         kg         1500 / 750           Max. roof load/ max.towbar download         kg         75 / 75           Luggage comp. capacity         ltr         375           Air resistance         cd x A         0.25 x 2.22           Drive system           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           Combustion Engine           Config./No. of cyls. Avalves         in-line / 4 / 4           Engine technology         BMW TwinPower Turbo technology: twin scroll turbochar High Precision Injection, VALVETRONIC fully variable valve to 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 –	Max. axle load, front/rear	kg	1035 / 1315
Max. roof load/ max.towbar download kg 75 / 75 Luggage comp. capacity itr 3.75 Air resistance cd x A 0.25 x 2.22  Drive system 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  Combustion Engine Config./No. of cyls./valves in-line / 4 / 4 Engine technology BMW TwinPower Turbo technology: twin scroll turbochan High Precision Injection, VALVETRONIC fully variable valve to Double-VANOS variable camshaft timing  Effective capacity cm³ 1998 Stroke/bore mm 94.6 / 82.0  Compression ratio :1 1.0 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  Electric motor  Motor technology  BMW eDrive technology: synchronous electric motor integrated in Steptronic transmission, generator function for energy recuperation high-voltage battery  Max output kW/hp 83 / 113 at rpm 3170 Torque Nm 265 at rpm 100 – 2500  Recuperation output kW 20	· · · · · · · · · · · · · · · · · · ·		
Max. roof load/ max.towbar download kg 75 / 75 Luggage comp. capacity itr 3.75 Air resistance cd x A 0.25 x 2.22  Drive system 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  Combustion Engine Config./No. of cyls./valves in-line / 4 / 4 Engine technology BMW TwinPower Turbo technology: twin scroll turbochan High Precision Injection, VALVETRONIC fully variable valve to Double-VANOS variable camshaft timing  Effective capacity cm³ 1998 Stroke/bore mm 94.6 / 82.0  Compression ratio :1 1.0 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  Electric motor  Motor technology  BMW eDrive technology: synchronous electric motor integrated in Steptronic transmission, generator function for energy recuperation high-voltage battery  Max output kW/hp 83 / 113 at rpm 3170 Torque Nm 265 at rpm 100 – 2500  Recuperation output kW 20	•	kg	1500 / 750
download         kg         75 / 75           Luggage comp. capacity         ltr         375           Air resistance         cd x A         0.25 x 2.22           Drive system           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           Combustion Engine           Config./I.No. of cyls./kalves         in-line / 4 / 4           Engine technology         BMW TwinPower Turbo technology: twin scroll turbochar. High Precision Injection, VAL VETRONIC fully variable valve to 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           Electric mo			
Luggage comp. capacity		kạ	75 / 75
Air resistance cd x A 0.25 x 2.22  Drive system 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  Combustion Engine Config./No. of cyls./valves in-line / 4 / 4 Engine technology BMW TwinPower Turbo technology: twin scroll turbochar High Precision Injection, VALVETRONIC fully variable valve to Double-VANOS variable cameshaft 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  Electric motor  Motor technology BMW eDrive technology: synchronous electric motor integrated in Steptronic transmission, generator function for energy recuperatio high-voltage battery  Max output kW/hp 3170 Torque Nm 265 at rpm 300 – 2500 Recuperation output kW/ 20	Luggage comp. capacity		
Drive system Drive concept Full hybrid drive, torque vectoring to rear wheels from one or both units System output System orque Nm 420 System power-to-weight ratio (DIN) System power-to-weigh			
Drive concept  Full hybrid drive, torque vectoring to rear wheels from one or both units  System output  KW/hp  System torque  Nm  420  System power-to-weight ratio (DIN)  Kg/kW  8.2  Combustion Engine  Config./No. of cyls./valves  Engine technology  Engine technology  Effective capacity  Stroke/bore  mm  94.6 / 82.0  Compression ratio  11  11.0  Fuel  min RON 91  Output  kW/hp  135 / 184  at  rpm  1350 – 4000  Output per litre  kW/l  BMW eDrive technology: synchronous electric motor integrated in Steptronic transmission, generator function for energy recuperation high-voltage battery  Max output  kW/hp  1310  Torque  Nm  3170  Torque  Nm  3100  Recuperation output  kW/hp  3170  Recuperation output  kW/hp  3170  Recuperation output  kW/ D  Recuperation output			*
Drive concept  Full hybrid drive, torque vectoring to rear wheels from one or both units  System output  KW/hp  System torque  Nm  420  System power-to-weight ratio (DIN)  Kg/kW  8.2  Combustion Engine  Config./No. of cyls./valves  Engine technology  Engine technology  Effective capacity  Stroke/bore  mm  94.6 / 82.0  Compression ratio  11  11.0  Fuel  min RON 91  Output  kW/hp  135 / 184  at  rpm  1350 – 4000  Output per litre  kW/l  BMW eDrive technology: synchronous electric motor integrated in Steptronic transmission, generator function for energy recuperation high-voltage battery  Max output  kW/hp  1310  Torque  Nm  3170  Torque  Nm  3100  Recuperation output  kW/hp  3170  Recuperation output  kW/hp  3170  Recuperation output  kW/ D  Recuperation output	Drive system		
System output         kW/hp         215/292           System torque         Nm         420           System power-to-weight ratio (DIN)         kg/kW         8.2           Combustion Engine           Config./No. of cyls./valves         in-line / 4 / 4           Engine technology         BMW TwinPower Turbo technology: twin scroll turbochan High Precision Injection, VALVETRONIC fully variable valve to 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           Electric motor           Motor technology         BMW eDrive technology: synchronous electric motor integrated in Steptronic transmission, generator function for energy recuperation high-voltage battery           Max output         kW/hp         83 / 113           at         rpm         3170           Torque         Nm         265	-		Full hybrid drive, torque vectoring to rear wheels
System torque Nm 420 System power-to-weight ratio (DIN) kg/kW 8.2  Combustion Engine Config./No. of cyls./valves in-line / 4 / 4 Engine technology BMW TwinPower Turbo technology: twin scroll turbochan High Precision Injection, VALVETRONIC fully variable valve to 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  Electric motor  Motor technology BMW eDrive technology: synchronous electric motor integrated in Steptronic transmission, generator function for energy recuperatio high-voltage battery  Max output kW/hp 83 / 113 at rpm 3170 Torque Nm 265 at rpm 100 – 2500 Recuperation output kW 20	•		
System torque Nm 420 System power-to-weight ratio (DIN) kg/kW 8.2  Combustion Engine Config./No. of cyls./valves in-line / 4 / 4 Engine technology BMW TwinPower Turbo technology: twin scroll turbochan High Precision Injection, VALVETRONIC fully variable valve to 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  Electric motor  Motor technology BMW eDrive technology: synchronous electric motor integrated in Steptronic transmission, generator function for energy recuperatio high-voltage battery  Max output kW/hp 83 / 113 at rpm 3170 Torque Nm 265 at rpm 100 – 2500 Recuperation output kW 20	System output	kW/hp	215 / 292
System power-to-weight ratio (DIN) kg/kW 8.2  Combustion Engine  Config./No. of cyls./valves  Engine technology  BMW TwinPower Turbo technology: twin scroll turbochar, High Precision Injection, VALVETRONIC fully variable valve to Double-VANOS variable camshaft timing  Effective capacity  Compression ratio  Stroke/bore  mm  94.6 / 82.0  Compression ratio  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  Electric motor  Motor technology  BMW eDrive technology: synchronous electric motor integrated in Steptronic transmission, generator function for energy recuperation high-voltage battery  Max output  kW/hp  83 / 113  at  rpm  3170  Torque  Nm  265  at  rpm  100 – 2500  Recuperation output  kW/ 20			
Config./No. of cyls./valves  Engine technology  BMW TwinPower Turbo technology: twin scroll turbochard High Precision Injection, VALVETRONIC fully variable valve to Double-VANOS variable camshaft timing  Effective capacity  Com³  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   Electric motor  Motor technology  BMW eDrive technology: synchronous electric motor integrated in Steptronic transmission, generator function for energy recuperation high-voltage battery  Max output  kW/hp  3170  Torque  Nm  265  at rpm  100 – 2500  Recuperation output  kW/ 20			
Config./No. of cyls./valves  Engine technology  BMW TwinPower Turbo technology: twin scroll turbochard High Precision Injection, VALVETRONIC fully variable valve to 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  Electric motor  Motor technology  BMW eDrive technology: synchronous electric motor integrated in Steptronic transmission, generator function for energy recuperation high-voltage battery  Max output kW/hp 83 / 113  at rpm 3170  Torque Nm 265  at rpm 100 – 2500  Recuperation output kW 20			•
Engine technology  BMW TwinPower Turbo technology: twin scroll turbochan High Precision Injection, VALVETRONIC fully variable valve to 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   Electric motor  Motor technology  BMW eDrive technology: synchronous electric motor integrated in Steptronic transmission, generator function for energy recuperatio high-voltage battery  Max output kW/hp 83 / 113 at rpm 3170  Torque Nm 265 at rpm 100 – 2500  Recuperation output kW  1998  BMW TwinPower Turbo technology: twin scroll turbochan High-voltage battery	Combustion Engine		
High Precision Injection, VALVETRONIC fully variable valve to 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   Electric motor  Motor technology BMW eDrive technology: synchronous electric motor integrated in Steptronic transmission, generator function for energy recuperation high-voltage battery  Max output kW/hp 83 / 113  at rpm 3170  Torque Nm 265  at rpm 100 - 2500  Recuperation output kW 20  High-voltage battery	Config./No. of cyls./valves		in-line / 4 / 4
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    Electric motor  Motor technology  BMW eDrive technology: synchronous electric motor integrated in Steptronic transmission, generator function for energy recuperation high-voltage battery           Max output         kW/hp         83 / 113           at         rpm         3170           Torque         Nm         265           at         rpm         100 – 2500           Recuperation output         kW         20	Engine technology		BMW TwinPower Turbo technology: twin scroll turbocharger, High Precision Injection, VALVETRONIC fully variable valve timing, Double-VANOS variable camshaft timing
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    Electric motor  Motor technology  BMW eDrive technology: synchronous electric motor integrated in Steptronic transmission, generator function for energy recuperation high-voltage battery           Max output         kW/hp         83 / 113           at         rpm         3170           Torque         Nm         265           at         rpm         100 – 2500           Recuperation output         kW         20	Effective capacity	cm <sup>3</sup>	· · · · · · · · · · · · · · · · · · ·
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    Electric motor  Motor technology  BMW eDrive technology: synchronous electric motor integrated in Steptronic transmission, generator function for energy recuperation high-voltage battery           Max output         kW/hp         83 / 113           at         rpm         3170           Torque         Nm         265           at         rpm         100 – 2500           Recuperation output         kW         20			
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           Electric motor           Motor technology         BMW eDrive technology: synchronous electric motor integrated in Steptronic transmission, generator function for energy recuperation high-voltage battery           Max output         kW/hp         83 / 113           at         rpm         3170           Torque         Nm         265           at         rpm         100 – 2500           Recuperation output         kW         20			
Output         kW/hp         135 / 184           at         rpm         5000 – 6500           Torque         Nm         300           at         rpm         1350 – 4000           Output per litre         kW/l         67.6           Electric motor           Motor technology         BMW eDrive technology: synchronous electric motor integrated in Steptronic transmission, generator function for energy recuperatio high-voltage battery           Max output         kW/hp         83 / 113           at         rpm         3170           Torque         Nm         265           at         rpm         100 – 2500           Recuperation output         kW         20			<u> </u>
at         rpm         5000 – 6500           Torque         Nm         300           at         rpm         1350 – 4000           Output per litre         kW/l         67.6           Electric motor           Motor technology         BMW eDrive technology: synchronous electric motor integrated in Steptronic transmission, generator function for energy recuperation high-voltage battery           Max output         kW/hp         83 / 113           at         rpm         3170           Torque         Nm         265           at         rpm         100 – 2500           Recuperation output         kW         20		k\///hn	
Torque         Nm         300           at         rpm         1350 – 4000           Output per litre         kW/l         67.6           Electric motor           Motor technology         BMW eDrive technology: synchronous electric motor integrated in Steptronic transmission, generator function for energy recuperation high-voltage battery           Max output         kW/hp         83 / 113           at         rpm         3170           Torque         Nm         265           at         rpm         100 – 2500           Recuperation output         kW         20			
at         rpm         1350 – 4000           Output per litre         kW/l         67.6           Electric motor           Motor technology         BMW eDrive technology: synchronous electric motor integrated in Steptronic transmission, generator function for energy recuperation high-voltage battery           Max output         kW/hp         83 / 113           at         rpm         3170           Torque         Nm         265           at         rpm         100 – 2500           Recuperation output         kW         20			
Output per litre     kW/l     67.6       Electric motor     BMW eDrive technology: synchronous electric motor integrated in Steptronic transmission, generator function for energy recuperatio high-voltage battery       Max output     kW/hp     83 / 113       at     rpm     3170       Torque     Nm     265       at     rpm     100 - 2500       Recuperation output     kW     20			
Electric motor  Motor technology  BMW eDrive technology: synchronous electric motor integrated in Steptronic transmission, generator function for energy recuperatio high-voltage battery  Max output kW/hp 83 / 113 att rpm 3170  Torque Nm 265 at rpm 100 – 2500  Recuperation output kW 20  High-voltage battery			
Motor technology  BMW eDrive technology: synchronous electric motor integrated in Steptronic transmission, generator function for energy recuperatio high-voltage battery  Max output kW/hp 83 / 113 at rpm 3170  Torque Nm 265 at rpm 100 – 2500  Recuperation output kW 20  High-voltage battery	Output per litre	10071	07.0
Motor technology  BMW eDrive technology: synchronous electric motor integrated in Steptronic transmission, generator function for energy recuperatio high-voltage battery  Max output kW/hp 83 / 113 at rpm 3170  Torque Nm 265 at rpm 100 – 2500  Recuperation output kW 20  High-voltage battery	Electric motor		
Max output         kW/hp         83 / 113           at         rpm         3170           Torque         Nm         265           at         rpm         100 - 2500           Recuperation output         kW         20			BMW eDrive technology: synchronous electric motor integrated in 8-speed Steptronic transmission, generator function for energy recuperation for the high-voltage battery
at         rpm         3170           Torque         Nm         265           at         rpm         100 – 2500           Recuperation output         kW         20   High-voltage battery	Max output	kW/hp	
Torque         Nm         265           at         rpm         100 – 2500           Recuperation output         kW         20           High-voltage battery	<del></del>		
at         rpm         100 – 2500           Recuperation output         kW         20           High-voltage battery			
Recuperation output kW 20  High-voltage battery			
High-voltage battery			
		1744	20
	High-voltage battery		
Storage technology / installation lithium-ion / underneath rear seat	Storage technology / installation		lithium-ion / underneath rear seat
Voltage V 354		V	354
Capacity (gross) kWh 12.0		kWh	
Charging time for 80 % charge 2.6 h at 3.7 kW (16 A / 230 V)			

		BMW 330e Sedan
Driving Dynamics and Safet	•	
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 eatbelts 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		8-speed Steptronic
Gear ratios I	:1	4.714
		3.143
	l :1	2.106
	/ :1	1.667
\	/ :1	1.285
V	1 :1	1.000
V	l :1	0.839
VII	l :1	0.667
F	R :1	3.317
Final drive	:1	3.231
Performance		
Acceleration 0–100 km/h	S	5.8
Top speed	km/h	230
Top speed electric	km/h	140
Electric range (WLTP)	km	52 – 60
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 (NEDC)	l/100 km	1.8 – 1.5
Fuel consumption. weighted combined (WLTP)	l/100 km	1.8 – 1.3
CO <sub>2</sub> emissions from fuel (NED)		41 – 35
CO <sub>2</sub> emissions from fuel (WLTI	P) g/km	41 – 30
Electric power consumption weighted combined (NEDC)	kWh/100 km	14.8 – 13.9
Electric power consumption		40 A 175 -
weighted combined (WLTP)	kWh/100 km	18.4 – 16.5
Emission rating		Euro 6d

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

Fuel consumption, CO2 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.

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

## BMW 3 Series Sedan. 330e xDrive.

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		BMW 330e xDrive Sedan
Body		
No. of doors/seats		4/5
Length/width/height (unladen)	mm	4709 / 1827 / 1444
Wheelbase	mm	2851
Track, front/rear	mm	1573 / 1569
Ground clearance	mm	147
Turning circle	m	12.0
	approx. Itr	40
Engine oil 1)	ltr	5.25
Weight, unladen, to DIN/EU	kg	1820 / 1895
Max. load to DIN	kg	540
Max. permissible weight	kg	2360
Max. axle load, front/rear	kg	1090 / 1325
Max. trailer load,		
oraked (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 2.22
Drive system		
Drive concept		Full hybrid drive, transmission of engine torque of one or both motors
Drive concept		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
	- Ng-KKT	0.0
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	10.2
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
Electric motor		
Motor technology		BMW eDrive technology: synchronous electric motor integrated in 8-speed Steptronic transmission, generator function for energy recuperation for the high-voltage battery
Max output	kW/hp	83 / 113
at	rpm	3170
Torque	Nm	265
at	rpm	100 – 2500
Recuperation output	kW	20
		·
High-voltage battery		lithium ion / undernaath reer east
Storage technology / installation		lithium-ion / underneath rear seat
Voltage	V 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
Driving Dynamics and Safety		
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 eatbelts 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		8-speed Steptronic
Gear ratios I	:1	4.714
ll ll	:1	3.143
III	:1	2.106
IV	:1	1.667
V	:1	1.285
VI	:1	1.000
VII	:1	0.839
VIII	:1	0.667
R	:1	3.317
Final drive	:1_	3.231
Performance		
Acceleration 0–100 km/h	S	5.8
Top speed	km/h	230
Top speed electric	km/h	140
Electric range (WLTP)	km	51 – 60
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, efficiency-optimised all-wheel drive, rear differential with optimised warm-up behaviour, tyres with reduced roll resistance
Consumption EU cycle Fuel consumption.		
weighted combined (NEDC)  Fuel consumption.	I/100 km	2.0 – 1.7
weighted combined (WLTP)	l/100 km	1.9 – 1.4
CO <sub>2</sub> emissions from fuel (NEDC)		45 – 40
CO <sub>2</sub> emissions from fuel (WLTP)	g/km	43 – 31
Electric power consumption weighted combined (NEDC)	kWh/100 km	15.9 – 15.2
Electric power consumption		
weighted combined (WLTP)	kWh/100 km	18.6 – 16.5
Emission rating		Euro 6d

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

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.

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.

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

#### BMW 3 Series Sedan. 318d.

		BMW 318d Sedan
Body		415
No of doors/seats		4/5
Length/width/height (unladen)	mm	4709 / 1827 / 1435
Wheelbase	mm	2851
Track, front/rear	mm	1589 / 1604
Ground clearance	mm	136
Turning circle	m	11.4
Fuel tank capacity	approx. I	40 (optional: 59)
Engine oil 1)	<u> </u>	5.5
Weight, unladen, to DIN/EU	kg	1485 / 1560 (1540 / 1615)
Max load to DIN	kg	590 (580)
Max permissible weight	kg	2075 (2120)
Max axle load, front/rear	kg	985 / 1180 (995 / 1185)
Max trailer load,		
braked (12%)/unbraked	kg	1600 / 750
Max roofload/max towbar		
download	kg	75 / 75
Luggage comp capacity	- 1	480
Air resistance	c <sub>d</sub> x A	0.23 x 2.22
Power Unit		
Config/No of cyls/valves		In-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: multi-stage turbocharging, low-pressure
Engine teerinology		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
•		1500 – 3000
at 48V mild hybrid technology	rpm	1300 - 3000
Max output 2)	kW/hp	8/11
wax output	KWIIIP	0711
Electrical System		
12V battery/installation	Ah/–	70 / luggage compartment
48V battery/installation	Ah/-	11 / engine compartment
Driving Dynamics and Safe	tv	
Suspension, front		Double-joint spring-strut axle in lightweight aluminium-steel construction,
odspension, 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 (Cornering
Driving stability systems		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
Garaty equipment		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;
Julia		optional: variable sport steering
Steering ratio, overall	:1	optional. variable sport steering
Tyres, front/rear	.1	205/60 R16 96W XL
Rims, front/rear		6.5J x 16 light-alloy
		n n. i.x. in light-allov

			BMW 318d Sedan
Transmission	<u> </u>		
Type of transm	nission		Six-speed manual (eight-speed Steptronic transmission)
Gear ratios	I	:1	4.110 (5.250)
	II	:1	2.248 (3.360)
	III	:1	1.403 (2.172)
	IV	:1	1.000 (1.720)
	V	:1	0.786 (1.316)
	VI	:1	0.601 (1.000)
	VII	:1	- (0.822)
	VIII	:1	- (0.640)
	R	:1	3.727 (3.712)
Final drive		:1	3.154 (2.813)
Performance			
Power-to-weig	ht ratio (DIN)	kg/kW	13.5 (14.0)
Output per litre	)	kW/l	55.1
Acceleration	0–100 km/h	S	8.4 (8.2)
in 5 <sup>th</sup> gear	80-120 km/h	S	9.7 (–)
Top speed		km/h	226 (224)

#### BMW EfficientDynamics

BMW EfficientDynamics standard features

Mild hybrid technology with 48V starter-generator <sup>2)</sup>, Brake Energy Regeneration with recuperation display, Auto Start Stop function, ECO PRO and COMFORT mode with coasting function <sup>2)</sup>, Proactive Driving Assistant <sup>2)</sup>, 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		
Urban (NEDC)	l/100 km	5.4 – 5.2 (4.7 – 4.4)
Extra-urban (NEDC)	l/100 km	4.0 – 3.6 (3.7 – 3.4)
Combined (NEDC)	l/100 km	4.5 – 4.2 (4.1 – 3.8)
Combined (WLTP)	l/100 km	5.6 – 4.8 (5.3 – 4.4)
CO <sub>2</sub> (NEDC)	g/km	119 – 110 (107 – 99)
CO <sub>2</sub> (WLTP)	g/km	146 – 125 (137 – 116)
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

<sup>2)</sup> only with automatic transmission

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#### BMW 3 Series Sedan. 320d.

		DANIM COOL I
		BMW 320d Sedan
Body		
No of doors/seats		4/5
Length/width/height (unladen)	mm	4709 / 1827 / 1435
Wheelbase	mm	2851
Track, front/rear	mm	1589 / 1604
Ground clearance	mm	136
Turning circle	m	11.4
Fuel tank capacity	approx. I	40 (optional: 59)
Engine oil 1)	1	5.5
Weight, unladen, to DIN/EU	kg	1540 / 1615
Max load to DIN	kg	600
Max permissible weight	kg	2140
Max axle load, front/rear	kg	1000 / 1190
Max trailer load.		
braked (12%)/unbraked	kg	1600 / 750
Max roofload/max towbar		
download	kg	75 / 75
Luggage comp capacity	Ī	480
Air resistance	c <sub>d</sub> x A	0.23 x 2.22
Power Unit		
Config/No of cyls/valves		In-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: multi-stage turbocharging,
		turbocharger with variable inlet geometry, common-rail direct in
		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
Electrical System		
12 V battery/installation	Ah/–	80 / luggage compartment
40 \/ botton/installation	Λh/	99-9 1

48 V battery/installation	Ah/-	11 / engine compartment
<b>Driving Dynamics and Saf</b>	ety	
Suspension, front	Do	puble-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	Stand	lard: 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	Stand	ard: airbags for driver and front passenger, side airbags for driver and front
	pass	enger, head airbags front and rear, three-point inertia-reel seatbelts on all
	seats	s 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		205/60 R16 96W XL
Rims, front/rear		6.5J x 16 light-alloy

			BMW 320d Sedan
Transmission			
Type of transmiss	sion		Eight-speed Steptronic transmission
Gear ratios		: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
	VII	1 :1	0.640
	R	:1	3.712
Final drive		:1	2.813
Performance			
Power-to-weight	ratio (DIN)	kg/kW	11.0
Output per litre		kW/l	70.2
Acceleration	0–100 km/h	S	6.8
Top speed		km/h	240
BMW EfficientD	ynamics		
BMW EfficientDyr 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 Consumpti	ion ECE		
Urban (NEDC)		I/100 km	4.8 – 4.5
Extra-urban (NED	C)	I/100 km	4.0 – 3.7

4.3 – 4.0

5.3 – 4.6

112 - 105

139 – 120

Euro 6d

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

I/100 km

l/100 km

g/km

g/km

Combined (NEDC)

Combined (WLTP)

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

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

Emission rating

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

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

		BMW 320d xDrive Sedan
Dady		
<b>Body</b> No of doors/seats		4/5
Length/width/height (unladen)	mm	4709 / 1827 / 1445
Wheelbase		2851
Track, front/rear	mm	1573 / 1567
Ground clearance	mm	
Turning circle	mm	135 12.0
Fuel tank capacity	m opprovide	
	approx. I	40 (optional: 59)
Engine oil 1)		5.5
Weight, unladen, to DIN/EU	kg	1620 / 1695
Max load to DIN	kg	585
Max permissible weight	kg	2205
Max axle load, front/rear	kg	1085 / 1210
Max trailer load,		4000 (770
braked (12%)/unbraked	kg	1800 / 750
Max roofload/max towbar		
download	kg	75 / 75
Luggage comp capacity	<u> </u>	480
Air resistance	c <sub>d</sub> x A	0.25 x 2.22
Power Unit		
Config/No of cyls/valves		In-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: multi-stage turbocharging, low-pressure
3		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	трпп	1730 - 2300
Max output	kW/hp	8/11
ινιαλ σατρατ	κννπρ	0711
Electrical System		
12 V battery/installation	Ah/–	80 / luggage compartment
48 V battery/installation	Ah/-	11 / engine compartment
Driving Dynamics and Safe	ty	
		Double-joint spring strut axle in lightweight aluminium-steel construction,
Suspension, front		
Suspension, front		hydraulically damped torque strut bearing
Suspension, front Suspension, rear		hydraulically damped torque strut bearing Five-link axle in lightweight aluminium-steel construction
Suspension, rear		Five-link axle in lightweight aluminium-steel construction
Suspension, rear Brakes, front		Five-link axle in lightweight aluminium-steel construction  Vented disc brakes, with single-piston floating callipers
Suspension, rear Brakes, front Brakes, rear		Five-link axle in lightweight aluminium-steel construction Vented disc brakes, with single-piston floating callipers Vented disc brakes, with single-piston floating callipers
Suspension, rear Brakes, front Brakes, rear		Five-link axle in lightweight aluminium-steel construction  Vented disc brakes, with single-piston floating callipers  Vented disc brakes, with single-piston floating callipers  Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering
Suspension, rear Brakes, front Brakes, rear		Five-link axle in lightweight aluminium-steel construction Vented disc brakes, with single-piston floating callipers Vented disc brakes, with single-piston floating callipers Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Performance Control, Dry Braking
Suspension, rear Brakes, front Brakes, rear		Five-link axle in lightweight aluminium-steel construction Vented disc brakes, with single-piston floating callipers Vented disc brakes, with single-piston floating callipers Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Proformance Control, Dry Braking function, Fading Compensation, Start-Off Assistant, xDrive all-wheel-drive
Suspension, rear Brakes, front Brakes, rear Driving stability systems		Five-link axle in lightweight aluminium-steel construction Vented disc brakes, with single-piston floating callipers Vented disc brakes, with single-piston floating callipers 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
Suspension, rear Brakes, front		Five-link axle in lightweight aluminium-steel construction Vented disc brakes, with single-piston floating callipers Vented disc brakes, with single-piston floating callipers 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 Standard: airbags for driver and front passenger, side airbags for driver and front
Suspension, rear Brakes, front Brakes, rear Driving stability systems		Five-link axle in lightweight aluminium-steel construction Vented disc brakes, with single-piston floating callipers Vented disc brakes, with single-piston floating callipers Vented disc brakes, with single-piston floating callipers 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 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
Suspension, rear Brakes, front Brakes, rear Driving stability systems		Five-link axle in lightweight aluminium-steel construction  Vented disc brakes, with single-piston floating callipers  Vented disc brakes, with single-piston floating callipers  Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Performance Control, Dry Brakin function, Fading Compensation, Start-Off Assistant, xDrive all-wheel-drive system linked with DSC; optional: M Sport suspension, Adaptive M suspension 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-
Suspension, rear Brakes, front Brakes, rear Driving stability systems Safety equipment		Five-link axle in lightweight aluminium-steel construction  Vented disc brakes, with single-piston floating callipers  Vented disc brakes, with single-piston floating callipers  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 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
Suspension, rear Brakes, front Brakes, rear Driving stability systems Safety equipment		Five-link axle in lightweight aluminium-steel construction  Vented disc brakes, with single-piston floating callipers  Vented disc brakes, with single-piston floating callipers  Vented disc brakes, with single-piston floating callipers  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 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  Electric Power Steering (EPS) with Servotronic function;
Suspension, rear Brakes, front Brakes, rear Driving stability systems Safety equipment Steering		Five-link axle in lightweight aluminium-steel construction  Vented disc brakes, with single-piston floating callipers  Vented disc brakes, with single-piston floating callipers  Vented disc brakes, with single-piston floating callipers  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 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  Electric Power Steering (EPS) with Servotronic function; optional: variable sport steering
Suspension, rear Brakes, front Brakes, rear Driving stability systems		Five-link axle in lightweight aluminium-steel construction  Vented disc brakes, with single-piston floating callipers  Vented disc brakes, with single-piston floating callipers  Vented disc brakes, with single-piston floating callipers  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 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  Electric Power Steering (EPS) with Servotronic function;

			BMW 320d xDrive Sedan
Transmission			
Type of transm			Eight-speed Steptronic transmission
Gear ratios		:1	5.250
		: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	nt ratio (DIN)	kg/kW	11.6
Output per litre		kW/l	70.2
Acceleration	0–100 km/h	S	6.8
Top speed		km/h	233
BMW Efficien	tDynamics		
BMW Efficient[	Dynamics		Mild hybrid technology with 48 volt starter generator, Brake Energy
standard featur	es	OÇ Op	generation with recuperation display, Auto Start Stop function, ECO PRO and DMFORT mode with coasting function, Proactive Driving Assistant. Optimum Shift Indicator, Electric Power Steering (EPS), BMW EfficientLightweight, otimised aerodynamic attributes, active air flap control, on-demand operation 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** I/100 km Urban (NEDC) 5.2 - 5.0 Extra-urban (NEDC) I/100 km 4.3 – 4.0 Combined (NEDC) I/100 km 4.6 - 4.3 Combined (WLTP) 5.6 – 4.9 I/100 km CO<sub>2</sub> (NEDC) 122 – 114 g/km CO<sub>2</sub> (WLTP) 148 – 129 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

## BMW 3 Series Sedan. 330d.

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		BMW 330d Sedan
		Sinn ood ocaan
Body		
No of doors/seats		4/5
Length/width/height (unladen)	mm	4709 / 1827 / 1435
Wheelbase	mm	2851
Track, front/rear	mm	1573 / 1569
Ground clearance	mm	136
Turning circle	m	11.4
Fuel tank capacity	approx. I	59
Engine oil 1)		7.0
Weight, unladen, to DIN/EU	kg	1695 / 1770
Max load to DIN	kg	555
Max permissible weight	kg	2250
Max axle load, front/rear	kg	1085 / 1220
Max trailer load,	ng_	10037 1220
braked (12%)/unbraked	kg	1800 / 750
Max roofload/max towbar	Ng	10001130
download	kg	75 / 75
Luggage comp capacity	Ng	480
Air resistance	Cd X A	0.24 x 2.22
All resistance	Cd X A	U.24 X Z.2Z
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	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
Electrical System		
12V battery/installation	Ah/–	90 / luggage compartment
48V battery/installation	Ah/-	11 / engine compartment
Driving Dynamics and Safe	tv	
Suspension, front	-	Double-joint spring-strut axle in lightweight aluminium-steel construction,
Supplied in the supplied in th		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
Driving stability systems		Brake Control), DBC (Dynamic Brake Control), Performance Control, Dry Braking
		function, Fading Compensation, Start-Off Assistant;
		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
Januty Equipment	,	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;
Ottoring		optional: variable sport steering
Steering ratio, overall	:1	optional. variable sport steering  14.1
Tyres, front/rear	.1	
Rims, front/rear		225/50 R17 98Y XL
MITIO, ITUTIVI Edi		7.5J x 17 light-alloy

			BMW 330d Sedan
_			
Transmission	_		Finkt aread Otentrania transmission
Type of transmissio		.1	Eight-speed Steptronic transmission
Gear ratios	<u> </u>	:1	5.500
		:1	3.520
		: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 ra	tio (DIN)	kg/kW	8.1
Output per litre		kW/l	70.2
Acceleration 0-	-100 km/h	S	5.3
Top speed		km/h	250
BMW EfficientDy	namics		
BMW EfficientDyna			Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration
standard features			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 Consumptio	n ECE		
Urban (NEDC)		l/100 km	5.7 – 5.4
Extra-urban (NEDC)	)	l/100 km	4.2 – 3.9
Combined (NEDC)		I/100 km	4.7 – 4.4
Combined (WLTP)		I/100 km	5.6 – 5.0
CO <sub>2</sub> (NEDC)		g/km	125 – 116
CO <sub>2</sub> (WLTP)		g/km	148 – 130
Emission rating		9	Euro 6d

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

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

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

		BMW 330d xDrive Sedan		
Body No of doors/sects		A 1 E		
No of doors/seats	no no	4/5		
Length/width/height (unladen) Wheelbase	mm	4709 / 1827 / 1445		
	mm	2851		
Track, front/rear	mm	1573 / 1567 135		
Ground clearance	mm	12.0		
Turning circle	m on provide			
Fuel tank capacity Engine oil 1)	approx. l	59 7.0		
Weight, unladen, to DIN/EU				
Max load to DIN	kg	555		
Max permissible weight	kg	2320		
	kg	1130 / 1240		
Max axle load, front/rear	kg	113071240		
Max trailer load,	l.a	1000 / 750		
braked (12%)/unbraked Max roofload/max towbar	kg	1800 / 750		
download	ka	75 / 75		
	kg I	480		
Luggage comp capacity  Air resistance	C <sub>d</sub> x A	0.24 x 2.22		
All resistance	Cd X A	0.24 x 2.22		
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	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		
Electrical System	A1. /	00/1		
12V battery/installation	Ah/-	90 / 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,		
		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	on.		Eight-speed Steptronic transmission
Gear ratios	JII	:1	5,500
deal fatios	<u>'</u>	:1	3.520
	<u></u>	: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	- 11	:1	2.563
i iliai drive			2,300
Performance			
Power-to-weight ra	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 EfficientDy			
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	on ECE		
Urban (NEDC)		/100 km	6.1 – 5.8
Extra-urban (NEDC	C)	/100 km	4.4 – 4.1
Combined (NEDC)	,	/100 km	5.0 – 4.7
Combined (WLTP)		/100 km	6.0 – 5.3
CO <sub>2</sub> (NEDC)		g/km	132 – 123
CO <sub>2</sub> (WLTP)		g/km	157 – 139

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

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

#### BMW 3 Series Sedan. M340d xDrive.

		BMW M340d xDrive Sedan	
		DIWW M3400 XDIIVE Sedan	
Body			
No of doors/seats		4/5	
Length/width/height (unladen)	mm	4713 / 1827 / 1440	
Wheelbase	mm	2851	
Track, front/rear	mm	1583 / 1567	
Ground clearance	mm	130	
Turning circle	m	12.0	
Fuel tank capacity	approx. I	59	
Engine oil 1)		7.0	
Weight, unladen, to DIN/EU	kg	1820 / 1895	
Max load to DIN	kg	505	
Max permissible weight	kg	2325	
Max axle load, front/rear	kg	1155 / 1255	
Max trailer load,			
braked (12%)/unbraked	kg	1800 / 750	
Max roofload/max towbar			
download	kg	75 / 75	
Luggage comp capacity	Ī	480	
Air resistance	C <sub>d</sub> x A	0.27 x 2.22	
		·	
Power Unit			
Config/No of cyls/valves		In-line / 6 / 4	
Engine technology		M TwinPower Turbo technology: multi-stage charging,	
g		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	
Electrical System			
12 V battery/installation	Ah/-	80 / luggage compartment	
48 V battery/installation	Ah/-	11 / engine compartment	
Driving Dynamics and Safe	ety		
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 fron	
<b>V</b> 11		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/	
		220/10/11/0 00/1/12	
ryres, ironureai		255/40 R18 99Y XL	
Rims, front/rear		255/40 R18 99Y XL 7.5J x 18 light-alloy/	

			BMW M340d xDrive Sedan
Transmission			
Type of transmission	າ		Eight-speed Steptronic transmission
Gear ratios		:1	5.500
		: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 rati	io (DIN)	kg/kW	7.3
Output per litre		kW/l	83.5
	100 km/h	S	4.6
Top speed		km/h	250
BMW EfficientDyn	namics		
BMW EfficientDynar	nics		Mild hybrid technology with 48 volt starter generator, Brake Energy
standard features		O)	generation with recuperation display, Auto Start Stop function, ECO PRO and DMFORT mode with coasting function, Proactive Driving Assistant. Optimum Shift Indicator, Electric Power Steering (EPS), BMW EfficientLightweight, otimised aerodynamic attributes, active air flap control, on-demand operation ancillary units, map-regulated oil pump, efficiency-optimised all-wheel drive,

converter **Fuel Consumption ECE** I/100 km Urban (NEDC) 7.5 – 7.2 Extra-urban (NEDC) I/100 km 4.5 - 4.2 Combined (NEDC) I/100 km 5.6 - 5.3 Combined (WLTP) I/100 km 6.5 – 5.9 CO<sub>2</sub> (NEDC) 147 – 139 g/km CO<sub>2</sub> (WLTP) g/km 171 – 155 Euro 6d Emission rating

differential with optimised warm-up behaviour, tyres with reduced rolling resistance, BMW Blue Performance technology including SCR catalytic

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

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