

Technical specifications.

The new BMW 3 Series Sedan.

320i.



BMW 320i 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. l	59
Engine oil ¹⁾	l	5.25
Weight, unladen, to DIN/EU	kg	1460 / 1535
Max load to DIN	kg	590
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	l	480
Air resistance	C _d 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 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 System		
Battery/installation	Ah/–	80 / luggage compartment
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; optional: Adaptive M suspension
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags front and rear, three-point inertia-reel seatbelts for all seats, front seats with belt stopper, belt latch tensioner and belt force limiter, crash-active front head restraints, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS) with Servotronic function; optional: variable sport steering
Steering ratio, overall	:1	14.1
Tyres, front/rear		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
	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		10.8
Output per litre	kW/l		67.6
Acceleration 0–100 km/h	s		7.1
Top speed	km/h		235
BMW EfficientDynamics			
BMW EfficientDynamics standard features	Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function and Proactive Driving Assistant, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance		
Fuel Consumption ECE			
Urban	l/100 km		7.1 – 6.6
Extra-urban	l/100 km		5.2 – 4.8
Combined	l/100 km		5.9 – 5.5
CO ₂	g/km		134 – 124
Emission rating	Euro 6d-TEMP		

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

¹⁾ Oil change

The fuel consumption, CO₂ emissions and electric power consumption figures were determined according to the European Regulation (EC) 715/2007 in the version applicable. The figures refer to a vehicle with basic configuration in Germany. The range shown considers the different sizes of the selected wheels/tyres and the selected items of optional equipment, and may vary during configuration.

The values are already based on the new WLTP test cycle and are translated back into NEDC-equivalent values in order to ensure comparability between the vehicles. With respect to these vehicles, for vehicle-related taxes or other duties based (at least inter alia) on CO₂ emissions, the CO₂ values may differ from the values stated here (depending on national legislation).

Further information on official fuel consumption figures and specific CO₂ emission values of new passenger cars is included in the following guideline: 'Leitfaden über den Kraftstoffverbrauch, die CO₂-Emissionen und den Stromverbrauch neuer Personenkraftwagen' (Guide to the fuel economy, CO₂ emissions and electric power consumption of new passenger cars), which can be obtained free of charge from all dealerships, from Deutsche Automobil Treuhand GmbH (DAT), Hellmuth-Hirth-Str. 1, 73760 Ostfildern-Scharnhausen and at <https://www.dat.de/co2/>.

The new BMW 3 Series Sedan. 320i xDrive.

BMW 320i xDrive Sedan		
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. l	59
Engine oil ¹⁾	l	5.25
Weight, unladen, to DIN/EU	kg	1540 / 1615
Max load to DIN	kg	590
Max permissible weight	kg	2130
Max axle load, front/rear	kg	1050 / 1185
Max trailer load, braked (12%/unbraked)	kg	1800 / 750
Max roofload/max towbar download	kg	75 / 75
Luggage comp capacity	l	480
Air resistance	C _d 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 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 System		
Battery/installation	Ah/–	80 / luggage compartment
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 seatbelts for all seats, front seats with belt stopper, belt latch tensioner and belt force limiter, crash-active front head restraints, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS) with Servotronic function; optional: variable sport steering
Steering ratio, overall	:1	14.9
Tyres, front/rear		225/50 R17 98Y XL
Rims, front/rear		7.5J x 17 light-alloy

BMW 320i xDrive Sedan			
Transmission			
Type of transmission	Eight-speed Steptronic transmission		
Gear ratios	I	:1	5.250
	II	:1	3.360
	III	:1	2.172
	IV	:1	1.720
	V	:1	1.316
	VI	:1	1.000
	VII	:1	0.822
	VIII	:1	0.640
	R	:1	3.712
Final drive		:1	2.813
Performance			
Power-to-weight ratio (DIN)	kg/kW		11.4
Output per litre	kW/l		67.6
Acceleration 0–100 km/h	s		7.6
Top speed	km/h		230
BMW EfficientDynamics			
BMW EfficientDynamics standard features	Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function and Proactive Driving Assistant, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, , efficiency-optimised all-wheel drive, differential with optimised warm-up behaviour, tyres with reduced rolling resistance		
Fuel Consumption ECE			
Urban	l/100 km		7.3 – 7.0
Extra-urban	l/100 km		5.6 – 5.2
Combined	l/100 km		6.3 – 5.9
CO ₂	g/km		143 – 134
Emission rating			Euro 6d-TEMP

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

¹⁾ Oil change

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The new BMW 3 Series Sedan. 330i.

BMW 330i Sedan		
Body		
No of doors/seats		4 / 5
Length/width/height ¹⁾ (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. l	59
Engine oil ²⁾	l	5.25
Weight, unladen, to DIN/EU	kg	1470 / 1545
Max load to DIN	kg	580
Max permissible weight	kg	2060
Max axle load, front/rear	kg	985 / 1160
Max trailer load, braked (12%/unbraked)	kg	1600 / 750
Max roofload/max towbar download	kg	75 / 75
Luggage comp capacity	l	480
Air resistance	c _d 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	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/–	90 / luggage compartment
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; optional: Adaptive M suspension, M Sport differential
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags front and rear, three-point inertia-reel seatbelts for all seats, front seats with belt stopper, belt latch tensioner and belt force limiter, crash-active front head restraints, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS) with Servotronic function; optional: variable sport steering
Steering ratio, overall	:1	14.1
Tyres, front/rear		225/50 R17 98Y XL
Rims, front/rear		7.5J x 17 light-alloy

BMW 330i 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		7.7
Output per litre	kW/l		95.1
Acceleration 0–100 km/h	s		5.8
Top speed	km/h		250
BMW EfficientDynamics			
BMW EfficientDynamics standard features	Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function and Proactive Driving Assistant, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance		
Fuel Consumption ECE			
Urban	l/100 km		7.7 – 7.2
Extra-urban	l/100 km		5.2 – 5.0
Combined	l/100 km		6.1 – 5.8
CO ₂	g/km		139 – 132
Emission rating	Euro 6d-TEMP		

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¹⁾ Height including roof fin

²⁾ Oil change

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The new BMW 3 Series Sedan. 330i xDrive.

BMW 330i xDrive Sedan		
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. l	59
Engine oil ¹⁾	l	5.25
Weight, unladen, to DIN/EU	kg	1565 / 1640
Max load to DIN	kg	590
Max permissible weight	kg	2155
Max axle load, front/rear	kg	1055 / 1195
Max trailer load, braked (12%/unbraked)	kg	1800 / 750
Max roofload/max towbar download	kg	75 / 75
Luggage comp capacity	l	480
Air resistance	C _d 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 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 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, 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 330i 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		8.2
Output per litre	kW/l		95.1
Acceleration 0–100 km/h	s		5.5
Top speed	km/h		250
BMW EfficientDynamics			
BMW EfficientDynamics standard features	Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function and Proactive Driving Assistant, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, , efficiency-optimised all-wheel drive, differential with optimised warm-up behaviour, tyres with reduced rolling resistance		
Fuel Consumption ECE			
Urban	l/100 km		7.9 – 7.5
Extra-urban	l/100 km		5.7 – 5.5
Combined	l/100 km		6.5 – 6.2
CO ₂	g/km		147 – 141
Emission rating			Euro 6d-TEMP

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¹⁾ Oil change

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The new BMW 3 Series Sedan. M340i xDrive.

BMW M340i xDrive 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. l	59
Engine oil ¹⁾	l	6.5
Weight, unladen, to DIN/EU	kg	1670 / 1745
Max load to DIN	kg	575
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 download	kg	75 / 75
Luggage comp capacity	l	480
Air resistance	C _d x A	0.26 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 Injection, VALVETRONIC fully variable valve control, Double-VANOS variable camshaft timing	
Effective capacity	cc	2998
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	10.2
Fuel		min. RON 91
Max output	kW/hp	275 / 374
at	rpm	5500 – 6500
Max torque	Nm	500
at	rpm	1850 – 5000
Electrical System		
Battery/installation	Ah/–	80 / luggage compartment
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	Four piston fixed-calliper disc brakes, vented	
Brakes, rear	Single-piston floating-calliper disc brakes, vented	
Driving stability systems	Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Performance Control, Dry Braking function, Fading Compensation, Start-Off Assistant, xDrive all-wheel-drive system networked with DSC, M Sport differential; optional: Adaptive M suspension	
Safety equipment	Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags front and rear, three-point inertia-reel seatbelts for all seats, front seats with belt stopper, belt latch tensioner and belt force limiter, crash-active front head restraints, crash sensors, tyre pressure indicator	
Steering	Electric Power Steering (EPS), variable sport steering with Servotronic function	
Steering ratio, overall	:1	13.6
Tyres, front/rear		225/45 R18 95Y XL/ 255/40 R18 99Y XL
Rims, front/rear		7.5J x 18 light-alloy/ 8.5J x 18 light-alloy

BMW M340i xDrive 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		6.1
Output per litre	kWh/l		91.7
Acceleration 0–100 km/h	s		4.4
Top speed	km/h		250
BMW EfficientDynamics			
BMW EfficientDynamics standard features	Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function and Proactive Driving Assistant, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, , efficiency-optimised all-wheel drive, differential with optimised warm-up behaviour, tyres with reduced rolling resistance		
Fuel Consumption ECE			
Urban	l/100 km		9.6 – 9.2
Extra-urban	l/100 km		6.1 – 5.8
Combined	l/100 km		7.4 – 7.0
CO ₂	g/km		168 – 160
Emission rating			Euro 6d-TEMP

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The new BMW 3 Series Sedan. 318d.

BMW 318d 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. l	40 (optional: 59)
Engine oil ¹⁾	l	5.5
Weight, unladen, to DIN/EU	kg	1445 / 1520 (1455 / 1530)
Max load to DIN	kg	630
Max permissible weight	kg	2075 (2085)
Max axle load, front/rear	kg	985 / 1180
Max trailer load, braked (12%/unbraked	kg	1600 / 745 (750)
Max roofload/max towbar download	kg	75 / 75
Luggage comp capacity	l	480
Air resistance	C _d 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 injection with solenoid valve injectors (max. injection pressure: 2200 bar)
Effective capacity	cc	1995
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel		Diesel
Max output	kW/hp	110 / 150
at	rpm	4000
Max torque	Nm	320
at	rpm	1500 – 3000
Electrical System		
Battery/installation	Ah/–	70 / luggage compartment
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; optional: Adaptive M suspension
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags front and rear, three-point inertia-reel seatbelts for all seats, front seats with belt stopper, belt latch tensioner and belt force limiter, crash-active front head restraints, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS) with Servotronic function; optional: variable sport steering
Steering ratio, overall	:1	14.1
Tyres, front/rear		205/60 R16 96W XL
Rims, front/rear		6.5J x 16 light-alloy

BMW 318d Sedan

Transmission

Type of transmission	Six-speed manual (eight-speed Steptronic transmission)		
Gear ratios	I	:1	4.110 (5.250)
	II	:1	2.248 (3.360)
	III	:1	1.403 (2.172)
	IV	:1	1.000 (1.720)
	V	:1	0.786 (1.316)
	VI	:1	0.601 (1.000)
	VII	:1	– (0.822)
	VIII	:1	– (0.640)
	R	:1	3.727 (3.712)
Final drive		:1	3.154 (2.813)

Performance

Power-to-weight ratio (DIN)	kg/kW	13.1 (13.2)
Output per litre	kWh/l	55.1
Acceleration 0–100 km/h	s	8.4 (8.3)
Top speed	km/h	226 (224)

BMW EfficientDynamics

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

Urban	l/100 km	5.6 – 5.2 (5.0 – 4.7)
Extra-urban	l/100 km	4.1 – 3.8 (4.2 – 3.8)
Combined	l/100 km	4.6 – 4.3 (4.5 – 4.2)
CO ₂	g/km	122 – 113 (118 – 109)
Emission rating		Euro 6d-TEMP

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

¹⁾ Oil change

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The new BMW 3 Series Sedan. 320d.

BMW 320d Sedan		
Body		
No of doors/seats		4 / 5
Length/width/height ¹⁾ (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. l	40 (optional 59)
Engine oil ²⁾	l	5.5
Weight, unladen, to DIN/EU	kg	1450 / 1525 (1455 / 1530)
Max load to DIN	kg	610
Max permissible weight	kg	2075 (2085)
Max axle load, front/rear	kg	970 / 1180
Max trailer load, braked (12%/unbraked)	kg	1600 / 745 (750)
Max roofload/max towbar download	kg	75 / 75
Luggage comp capacity	l	480
Air resistance	c _d 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 injection with solenoid valve injectors (max. injection pressure: 2000 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
Electrical System		
Battery/installation	Ah/–	80 (90) / luggage compartment
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; optional: Adaptive M suspension
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags front and rear, three-point inertia-reel seatbelts for all seats, front seats with belt stopper, belt latch tensioner and belt force limiter, crash-active front head restraints, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS) with Servotronic function; optional: variable sport steering
Steering ratio, overall	:1	14.1
Tyres, front/rear		205/60 R16 96W XL
Rims, front/rear		6.5J x 16 light-alloy

BMW 320d Sedan			
Transmission			
Type of transmission	Six-speed manual (eight-speed Steptronic transmission)		
Gear ratios	I	:1	4.110 (5.250)
	II	:1	2.248 (3.360)
	III	:1	1.403 (2.172)
	IV	:1	1.000 (1.720)
	V	:1	0.786 (1.316)
	VI	:1	0.601 (1.000)
	VII	:1	– (0.822)
	VIII	:1	– (0.640)
	R	:1	3.727 (3.712)
Final drive		:1	3.154 (2.813)
Performance			
Power-to-weight ratio (DIN)	kg/kW		10.4 (10.4)
Output per litre	kWh/l		70.2
Acceleration 0–100 km/h	s		7.1 (6.8)
Top speed	km/h		240 (240)
BMW EfficientDynamics			
BMW EfficientDynamics standard features	Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function (automatic transmission) and Proactive Driving Assistant, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance, BMW Blue Performance technology with SCR catalyst		
Fuel Consumption ECE			
Urban	l/100 km		5.7 – 5.4 (5.1 – 4.9)
Extra-urban	l/100 km		4.1 – 3.8 (4.1 – 3.8)
Combined	l/100 km		4.7 – 4.4 (4.5 – 4.2)
CO ₂	g/km		122 – 115 (117 – 110)
Emission rating			Euro 6d-TEMP

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

- ¹⁾ Height including roof fin
²⁾ Oil change

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The new BMW 3 Series Sedan. 320d xDrive.

BMW 320d xDrive Sedan		
Body		
No of doors/seats		4 / 5
Length/width/height ¹⁾ (unladen)	mm	4709 / 1827 / 1445
Wheelbase	mm	2851
Track, front/rear	mm	1573 / 1587
Ground clearance	mm	135
Turning circle	m	11.95
Fuel tank capacity	approx. l	40 (optional 59)
Engine oil ²⁾	l	5.5
Weight, unladen, to DIN/EU	kg	1540 / 1615
Max load to DIN	kg	600
Max permissible weight	kg	2170
Max axle load, front/rear	kg	1055 / 1195
Max trailer load, braked (12%/unbraked)	kg	1600 / 750
Max roofload/max towbar download	kg	75 / 75
Luggage comp capacity	l	480
Air resistance	c _d 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, turbocharger with variable inlet geometry, common-rail direct injection with solenoid valve injectors (max. injection pressure: 2000 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
Electrical System		
Battery/installation	Ah/–	90 / luggage compartment
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 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 320d xDrive Sedan			
Transmission			
Type of transmission	Eight-speed Steptronic transmission		
Gear ratios	I	:1	5.250
	II	:1	3.360
	III	:1	2.172
	IV	:1	1.720
	V	:1	1.316
	VI	:1	1.000
	VII	:1	0.822
	VIII	:1	0.640
	R	:1	3.712
Final drive		:1	2.813
Performance			
Power-to-weight ratio (DIN)	kg/kW		11.0
Output per litre	kWh/l		70.2
Acceleration 0–100 km/h	s		6.9
Top speed	km/h		233
BMW EfficientDynamics			
BMW EfficientDynamics standard features	Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function and Proactive Driving Assistant, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, efficiency-optimised all-wheel drive, rear differential with optimised warm-up behaviour, tyres with reduced rolling resistance, BMW Blue Performance technology with SCR catalyst		
Fuel Consumption ECE			
Urban	l/100 km		5.5 – 5.2
Extra-urban	l/100 km		4.4 – 4.1
Combined	l/100 km		4.8 – 4.5
CO ₂	g/km		125 – 118
Emission rating			Euro 6d-TEMP

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

- ¹⁾ Height including roof fin
²⁾ Oil change

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The new BMW 3 Series Sedan. 330d.

BMW 330d Sedan		
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. l	59
Engine oil ¹⁾	l	6.5
Weight, unladen, to DIN/EU	kg	1590 / 1665
Max load to DIN	kg	595
Max permissible weight	kg	2185
Max axle load, front/rear	kg	1075 / 1210
Max trailer load, braked (12%/unbraked	kg	1800 / 750
Max roofload/max towbar download	kg	75 / 75
Luggage comp capacity	l	480
Air resistance	C _d 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, turbocharger with variable inlet geometry, common-rail direct injection with piezo injectors (max. injection pressure: 2500 bar)
Effective capacity	cc	2993
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel		Diesel
Max output	kW/hp	195 / 265
at	rpm	4000
Max torque	Nm	580
at	rpm	1750 – 2750
Electrical System		
Battery/installation	Ah/–	90 / luggage compartment
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; optional: Adaptive M suspension, M Sport differential
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags front and rear, three-point inertia-reel seatbelts for all seats, front seats with belt stopper, belt latch tensioner and belt force limiter, crash-active front head restraints, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS) with Servotronic function; optional: variable sport steering
Steering ratio, overall	:1	14.1
Tyres, front/rear		225/50 R17 98Y XL
Rims, front/rear		7.5J x 17 light-alloy

BMW 330d Sedan			
Transmission			
Type of transmission	Eight-speed Steptronic transmission		
Gear ratios	I	:1	5.500
	II	:1	3.520
	III	:1	2.200
	IV	:1	1.720
	V	:1	1.317
	VI	:1	1.000
	VII	:1	0.823
	VIII	:1	0.640
	R	:1	3.993
Final drive		:1	2.471
Performance			
Power-to-weight ratio (DIN)	kg/kW		8.2
Output per litre	kW/l		65.2
Acceleration 0–100 km/h	s		5.5
Top speed	km/h		250
BMW EfficientDynamics			
BMW EfficientDynamics standard features	Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function and Proactive Driving Assistant, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance, BMW Blue Performance technology with SCR catalyst		
Fuel Consumption ECE			
Urban	l/100 km		6.3 – 6.1
Extra-urban	l/100 km		4.6 – 4.3
Combined	l/100 km		5.2 – 5.0
CO ₂	g/km		138 – 130
Emission rating			Euro 6d-TEMP

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¹⁾ Oil change

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The new BMW 3 Series Sedan. 330d xDrive.

BMW 330d xDrive Sedan		
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. l	59
Engine oil ¹⁾	l	6.5
Weight, unladen, to DIN/EU	kg	1660 / 1735
Max load to DIN	kg	595
Max permissible weight	kg	2255
Max axle load, front/rear	kg	1105 / 1230
Max trailer load, braked (12%/unbraked	kg	1800 / 750
Max roofload/max towbar download	kg	75 / 75
Luggage comp capacity	l	480
Air resistance	C _d x A	0.25 x 2.22
Power Unit		
Config/No of cyls/valves		In-line / 6 / 4
Engine technology		BMW TwinPower Turbo technology: multi-stage turbocharging, turbocharger with variable inlet geometry, common-rail direct injection with piezo injectors (max. injection pressure: 2500 bar)
Effective capacity	cc	2993
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel		Diesel
Max output	kW/hp	195 / 265
at	rpm	4000
Max torque	Nm	580
at	rpm	1750 – 2750
Electrical System		
Battery/installation	Ah/–	90 / luggage compartment
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, M Sport differential
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags front and rear, three-point inertia-reel seatbelts for all seats, front seats with belt stopper, belt latch tensioner and belt force limiter, crash-active front head restraints, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS) with Servotronic function; optional: variable sport steering
Steering ratio, overall	:1	14.9
Tyres, front/rear		225/50 R17 98Y XL
Rims, front/rear		7.5J x 17 light-alloy

BMW 330d xDrive Sedan			
Transmission			
Type of transmission	Eight-speed Steptronic transmission		
Gear ratios	I	:1	5.500
	II	:1	3.520
	III	:1	2.200
	IV	:1	1.720
	V	:1	1.317
	VI	:1	1.000
	VII	:1	0.823
	VIII	:1	0.640
	R	:1	3.993
Final drive		:1	2.471
Performance			
Power-to-weight ratio (DIN)	kg/kW		8.5
Output per litre	kWh/l		65.2
Acceleration 0–100 km/h	s		5.1
Top speed	km/h		250
BMW EfficientDynamics			
BMW EfficientDynamics standard features	Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function and Proactive Driving Assistant, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, efficiency-optimised all-wheel drive, differential with optimised warm-up behaviour, tyres with reduced rolling resistance, BMW Blue Performance technology with SCR catalyst		
Fuel Consumption ECE			
Urban	l/100 km		6.4 – 6.4
Extra-urban	l/100 km		4.7 – 4.4
Combined	l/100 km		5.4 – 5.1
CO ₂	g/km		140 – 134
Emission rating			Euro 6d-TEMP

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¹⁾ Oil change

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The new BMW 3 Series Sedan. 330e.

BMW 330e 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. ltr	40
Engine oil ¹⁾	ltr	5.25
Weight, unladen, to DIN/EU	kg	1740 / 1815
Max. load to DIN	kg	525
Max. permissible weight	kg	2265
Max. axle load, front/rear	kg	1035 / 1305
Max. trailer load, braked (12%/unbraked)	kg	750 / 750
Max. roof load/ max.towbar download	kg	75 / 75
Luggage comp. capacity	ltr	375
Air resistance	c _d 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	185 / 252 (215 / 292 with XtraBoost)
System torque	Nm	420
System power-to-weight ratio (DIN)	kg/kW	8.1
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 ³	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	0 – 3170
Recuperation output	kW	20
High-voltage battery		
Storage technology / installation		lithium-ion / underneath rear seat
Voltage	V	354
Capacity (gross)	kWh	12.0
Charging time for 80 % charge		2.4 h at 3.7 kW (16 A / 230 V)

BMW 330e 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 seatbelts for all seats, front seats with belt stopper, belt latch tensioner and belt force limiter, crash-active front head restraints, crash sensors, tyre pressure indicator		
Steering	Electric Power Steering (EPS) with Servotronic function; optional: variable sport steering		
Steering ratio, overall	:1	14.1	
Tyres, front/rear	225/50 R17 98Y XL		
Rims, front/rear	7.5J x 17 light-alloy		
Transmission			
Type of gearbox	8-speed Steptronic		
Gear ratios	I	:1	4.714
	II	:1	3.143
	III	:1	2.106
	IV	:1	1.667
	V	:1	1.285
	VI	:1	1.000
	VII	:1	0.839
	VIII	:1	0.667
	R	:1	3.317
Final drive	:1	3.231	
Performance			
Acceleration	0–100 km/h	s	5.9
Top speed		km/h	230
Top speed electric		km/h	140
Electric range		km	59 – 66
BMW EfficientDynamics			
BMW EfficientDynamics standard features	BMW eDrive technology, Electric Power Steering (EPS), hybrid-specific Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function and 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		
Fuel consumption EU cycle			
Combined	ltr/100 km	1.9 – 1.6	
CO ₂ emissions from fuel	g/km	43 – 37	
Power consumption comb.	kWh/100 km	15.4 – 14.8	
Emission rating	EU6d-TEMP		

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

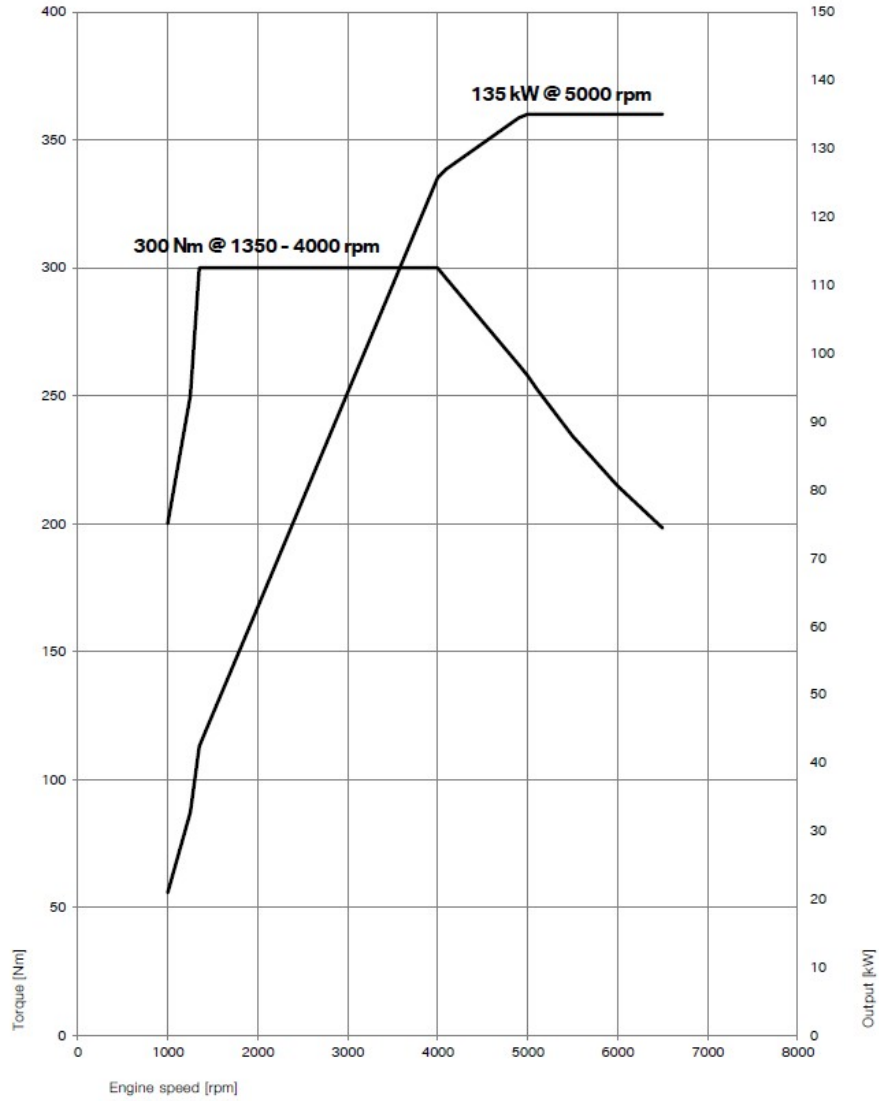
¹⁾ Oil change

The fuel consumption, CO₂ emissions and electric power consumption figures were determined according to the European Regulation (EC) 715/2007 in the version applicable. The figures refer to a vehicle with basic configuration in Germany. The range shown considers the different sizes of the selected wheels/tyres and the selected items of optional equipment, and may vary during configuration.

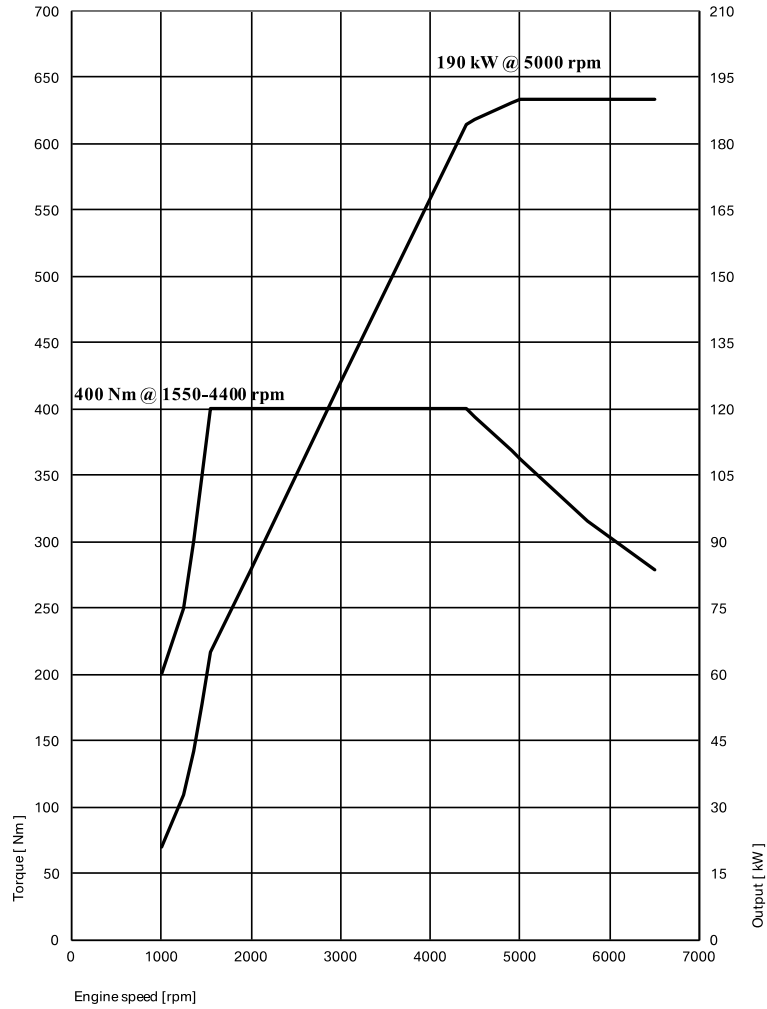
The values are already based on the new WLTP test cycle and are translated back into NEDC-equivalent values in order to ensure comparability between the vehicles. With respect to these vehicles, for vehicle-related taxes or other duties based (at least inter alia) on CO₂ emissions, the CO₂ values may differ from the values stated here (depending on national legislation).

Further information on official fuel consumption figures and specific CO₂ emission values of new passenger cars is included in the following guideline: 'Leitfaden über den Kraftstoffverbrauch, die CO₂-Emissionen und den Stromverbrauch neuer Personenkraftwagen' (Guide to the fuel economy, CO₂ emissions and electric power consumption of new passenger cars), which can be obtained free of charge from all dealerships, from Deutsche Automobil Treuhand GmbH (DAT), Hellmuth-Hirth-Str. 1, 73760 Ostfildern-Scharnhausen and at <https://www.dat.de/co2/>.

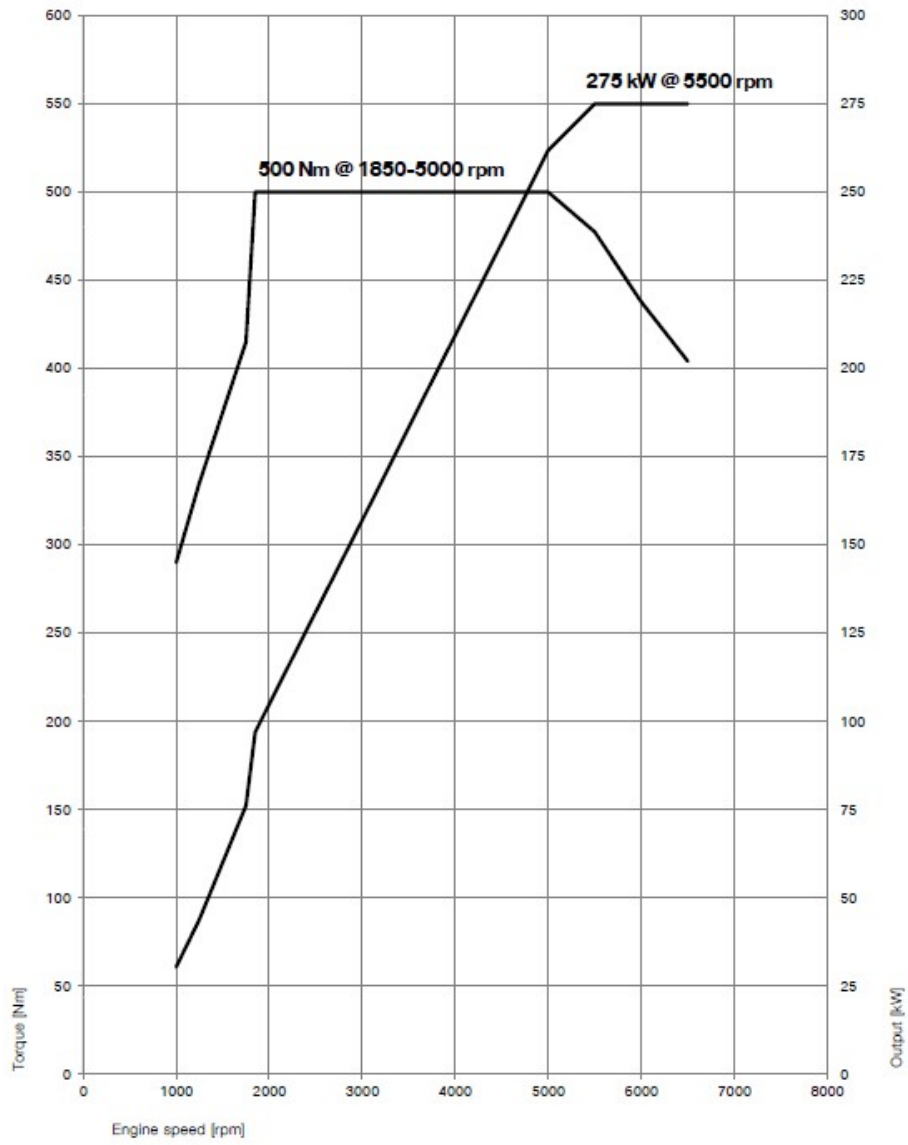
Output and torque diagrams. The new BMW 3 Series Sedan. 320i and 320i xDrive.



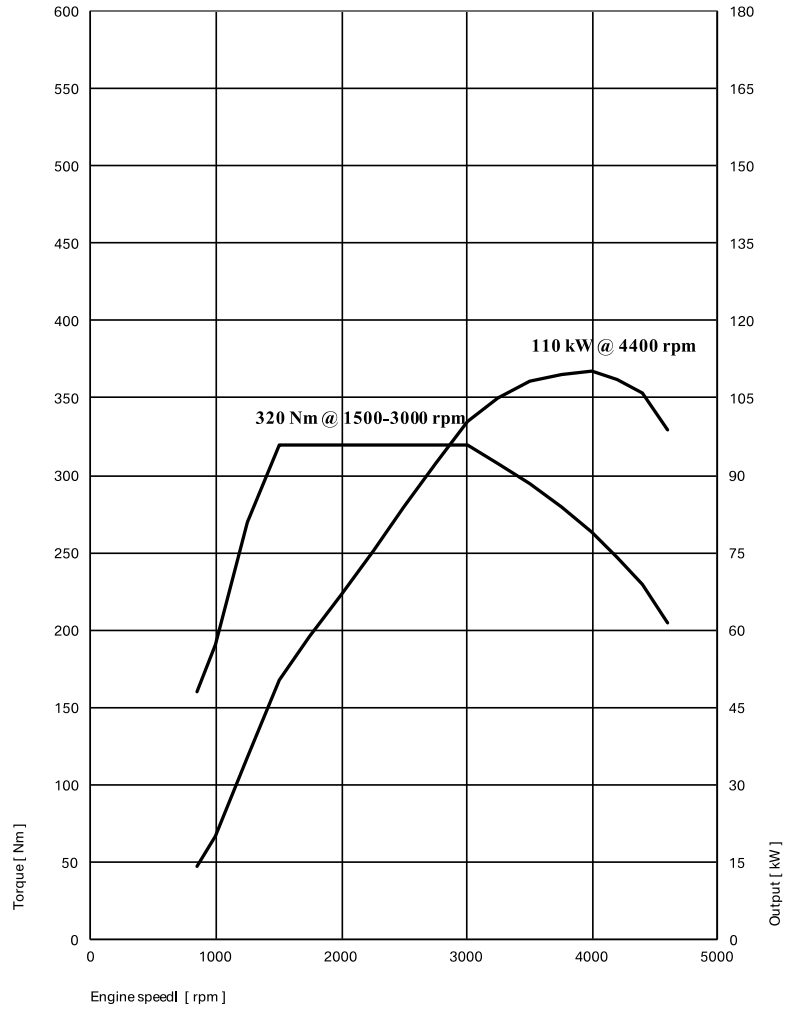
The new BMW 3 Series Sedan. 330i and 330i xDrive.



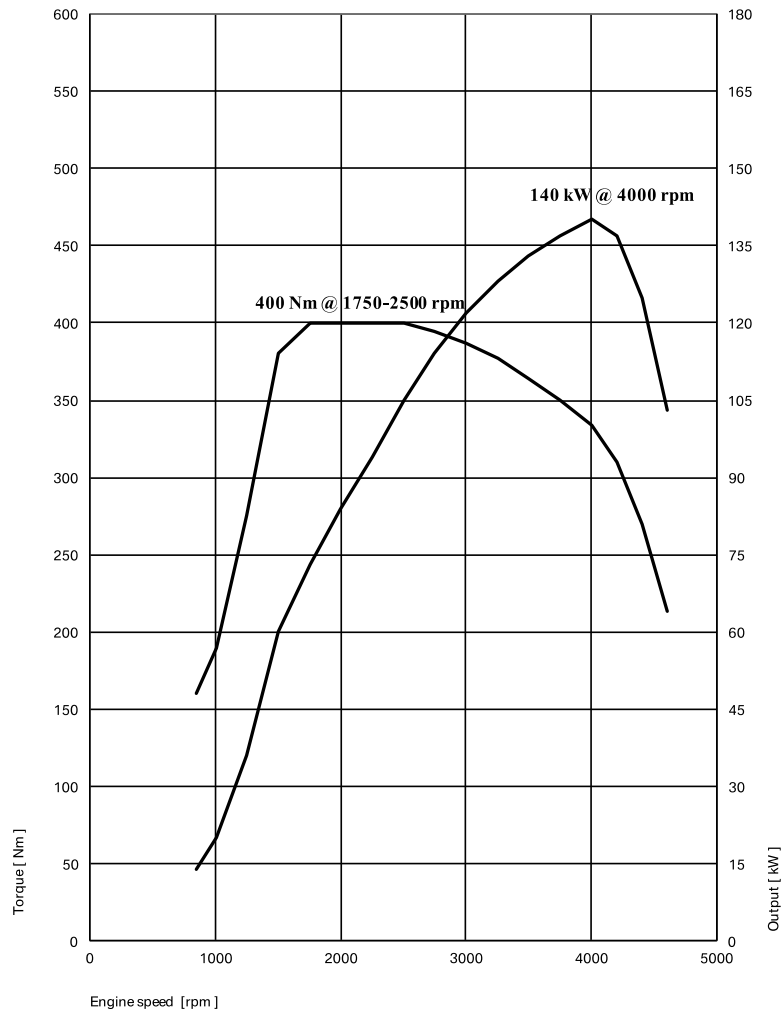
The new BMW 3 Series Sedan. M340i xDrive.



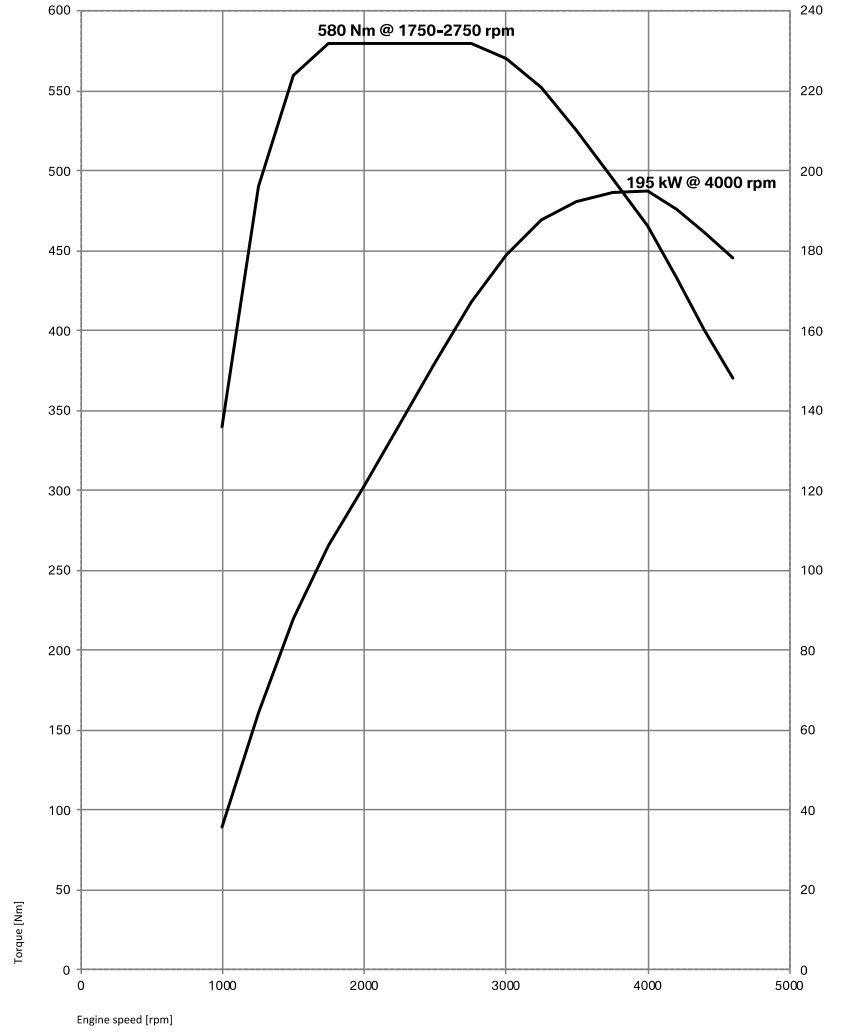
The new BMW 3 Series Sedan. 318d.



The new BMW 3 Series Sedan. 320d and 320d xDrive.



The new BMW 3 Series Sedan. 330d and 330d xDrive.



Exterior and interior dimensions. The new BMW 3 Series Sedan.

