

Specifications.

BMW 2 Series Convertible.

218i.



BMW 218i Convertible		
Body		
No. of doors/seats		2 / 4
Length/width/height (unladen)	mm	4432 / 1774 / 1413
Wheelbase	mm	2690
Track, front/rear	mm	1521 / 1556
Ground clearance	mm	140
Turning circle	m	10.9
Tank capacity	approx. ltr	52
Engine oil ¹⁾	ltr	4.25
Weight, unladen, to DIN/EU	kg	1500 / 1575 (1520 / 1595)
Max. load to DIN	kg	465
Max. permissible weight	kg	1965 (1985)
Max. axle load, front/rear	kg	880 (910) / 1040
Max. trailer load, braked (12%/unbraked)	kg	1300 / 750
Max. roof load/towbar download	kg	- / 75
Luggage comp. capacity	ltr	280 – 335
Air resistance	$c_d \times A$	0.32 x 2.13
Engine		
Config./No. of cyls./valves		in-line / 3 / 4
Engine technology		BMW TwinPower Turbo technology: turbocharger, High Precision Injection, VALVETRONIC fully variable valve timing, Double-VANOS variable camshaft timing
Effective capacity	cm ³	1499
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	11.0
Fuel		min RON 91
Output	kW/hp	100 / 136
at	rpm	4400
Torque	Nm	220
at	rpm	1250 – 4300
Electrical System		
Battery/Installation	Ah/-	80 / luggage comp.
Driving Dynamics and Safety		
Suspension, front		Aluminium double-joint spring strut axle
Suspension, rear		Five-link axle in lightweight steel construction with double elastic bearing
Brakes, front		Single-piston floating-calliper disc brakes
Brakes, rear		Single-piston floating-calliper disc brakes
Driving stability systems		Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying function, fading compensation, start-off assistant
Safety equipment		Standard: driver and front-seat passenger airbags, driver and front-seat passenger side airbags with combined head airbags, three-point automatic seatbelts for all seats, seatbelt tensioners and seatbelt force limiters in front seats, crash sensors, roll-over protection system, tyre pressure indicator
Steering		Electromechanical rack-and-pinion power steering (EPS); optional: Servotronic function, Variable Sport Steering
Steering ratio, overall	:1	15.0
Tyres, front/rear		205/55 R16 91H
Rims, front/rear		7J x 16 light-alloy

BMW 218i Convertible

Transmission

Type of gearbox	6-speed manual (8-speed Steptronic)		
Gear ratios	I	:1	4.552 (4.714)
	II	:1	2.548 (3.143)
	III	:1	1.659 (2.106)
	IV	:1	1.230 (1.667)
	V	:1	1.000 (1.285)
	VI	:1	0.830 (1.000)
	VII	:1	- (0.839)
	VIII	:1	- (0.667)
	R	:1	4.138 (3.295)
Final drive		:1	3.077 (3.077)

Performance

Power-to-weight ratio (DIN)	kg/kW	15.0 (15.2)
Output per litre	kW/l	66.7
Acceleration 0–100 km/h	s	9.4 (9.6)
Top speed	km/h	207 (205)

BMW EfficientDynamics

BMW EfficientDynamics standard features	Brake Energy Regeneration with recuperation display, EPS (Electric Power Steering), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function (automatic), BMW EfficientLightweight, optimised aerodynamic attributes, on-demand operation of ancillary units, map-controlled oil pump, detachable a/c compressor, differential with optimized-warm-up behaviour, tyres with reduced rolling resistance
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Fuel consumption EU cycle

Urban	ltr/100 km	8.1 – 7.8 (7.6 – 7.4)
Extra-urban	ltr/100 km	5.6 – 5.5 (5.5 – 5.4)
Combined	ltr/100 km	6.5 – 6.3 (6.3 – 6.1)
CO ₂	g/km	148 – 144 (143 – 139)
Emission rating		EU6d-TEMP

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

¹⁾ Oil change volume

The values for fuel consumption, CO₂ emission and energy consumption shown were determined in the standardized test cycle according to the European Regulation (EC) 715/2007 in the version applicable at the time of type approval. The figures refer to a vehicle with basic configuration in Germany and the range shown considers optional equipment and the different size of wheels and tires available on the selected model and may vary during the configuration.

The values are already based on the test cycle according to the new WLTP regulation and are translated back into NEDC-equivalent values in order to allow a comparison between 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 to the values stated here.

BMW 2 Series Convertible. 220i.

BMW 220i Convertible		
Body		
No. of doors/seats		2 / 4
Length/width/height (unladen)	mm	4432 / 1774 / 1413
Wheelbase	mm	2690
Track, front/rear	mm	1521 / 1556
Ground clearance	mm	140
Turning circle	m	10.9
Tank capacity	approx. ltr	52
Engine oil ¹⁾	ltr	5.25
Weight, unladen, to DIN/EU	kg	1540 / 1615
Max. load to DIN	kg	470
Max. permissible weight	kg	2010
Max. axle load, front/rear	kg	935 / 1145
Max. trailer load, braked (12%/unbraked)	kg	1500 / 750
Max. roof load/towbar download	kg	- / 75
Luggage comp. capacity	ltr	280 – 335
Air resistance	C _d x A	0.32 x 2.13
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	11.0
Fuel		min RON 91
Output	kW/hp	135 / 184
at	rpm	5000
Torque	Nm	270
at	rpm	1350 – 4600
Electrical System		
Battery/Installation	Ah/–	80 / luggage comp.
Driving Dynamics and Safety		
Suspension, front		Aluminium double-joint spring strut axle
Suspension, rear		Five-link axle in lightweight steel construction with double elastic bearing
Brakes, front		Single-piston floating-calliper disc brakes
Brakes, rear		Single-piston floating-calliper disc brakes
Driving stability systems		Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying function, fading compensation, start-off assistant
Safety equipment		Standard: driver and front-seat passenger airbags, driver and front-seat passenger side airbags with combined head airbags, three-point automatic seatbelts for all seats, seatbelt tensioners and seatbelt force limiters in front seats, crash sensors, roll-over protection system, tyre pressure indicator
Steering		Electromechanical rack-and-pinion power steering (EPS); optional: Servotronic function, Variable Sport Steering
Steering ratio, overall	:1	15.0
Tyres, front/rear		205/55 R16 91W
Rims, front/rear		7J x 16 light-alloy

BMW 220i Convertible

Transmission

Type of gearbox	8-speed Steptronic		
Gear ratios	I	:1	5.000
	II	:1	3.200
	III	:1	2.143
	IV	:1	1.720
	V	:1	1.314
	VI	:1	1.000
	VII	:1	0.822
	VIII	:1	0.640
	R	:1	3.456
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	7.7
Top speed	km/h	226

BMW EfficientDynamics

BMW EfficientDynamics standard features	Brake Energy Regeneration with recuperation display, EPS (Electric Power Steering), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function, BMW EfficientLightweight, optimised aerodynamic attributes, on-demand operation of ancillary units, map-controlled oil pump, detachable a/c compressor, differential with optimized-warm-up behaviour, tyres with reduced rolling resistance
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Fuel consumption EU cycle

Urban	ltr/100 km	7.2 – 7.1
Extra-urban	ltr/100 km	5.7 – 5.5
Combined	ltr/100 km	6.2 – 6.1
CO ₂	g/km	142 – 139
Emission rating		EU6d-TEMP

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

¹⁾ Oil change volume

The values for fuel consumption, CO₂ emission and energy consumption shown were determined in the standardized test cycle according to the European Regulation (EC) 715/2007 in the version applicable at the time of type approval. The figures refer to a vehicle with basic configuration in Germany and the range shown considers optional equipment and the different size of wheels and tires available on the selected model and may vary during the configuration.

The values are already based on the test cycle according to the new WLTP regulation and are translated back into NEDC-equivalent values in order to allow a comparison between 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 to the values stated here.

BMW 2 Series Convertible. 230i.

BMW 230i Convertible		
Body		
No. of doors/seats		2 / 4
Length/width/height (unladen)	mm	4432 / 1774 / 1413
Wheelbase	mm	2690
Track, front/rear	mm	1521 / 1556
Ground clearance	mm	140
Turning circle	m	10.9
Tank capacity	approx. ltr	52
Engine oil ¹⁾	ltr	5.25
Weight, unladen, to DIN/EU	kg	1575 / 1650
Max. load to DIN	kg	445
Max. permissible weight	kg	2020
Max. axle load, front/rear	kg	935 / 1130
Max. trailer load, braked (12%/unbraked)	kg	1500 / 750
Max. roof load/towbar download	kg	- / 75
Luggage comp. capacity	ltr	280 – 335
Air resistance	C _d x A	0.33 x 2.13
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	185 / 252
at	rpm	5200
Torque	Nm	350
at	rpm	1450 – 4800
Electrical System		
Battery/Installation	Ah/–	80 / luggage comp.
Driving Dynamics and Safety		
Suspension, front		Aluminium double-joint spring strut axle
Suspension, rear		Five-link axle in lightweight steel construction with double elastic bearing
Brakes, front		Single-piston floating-calliper disc brakes
Brakes, rear		Single-piston floating-calliper disc brakes
Driving stability systems		Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying function, fading compensation, start-off assistant
Safety equipment		Standard: driver and front-seat passenger airbags, driver and front-seat passenger side airbags with combined head airbags, three-point automatic seatbelts for all seats, seatbelt tensioners and seatbelt force limiters in front seats, crash sensors, roll-over protection system, tyre pressure indicator
Steering		Electromechanical rack-and-pinion power steering (EPS); optional: Servotronic function, Variable Sport Steering
Steering ratio, overall	:1	15.0
Tyres, front/rear		205/50 R17 89Y
Rims, front/rear		7J x 17 light-alloy

BMW 230i Convertible

Transmission

Type of gearbox	8-speed Steptronic		
Gear ratios	I	:1	5.000
	II	:1	3.200
	III	:1	2.143
	IV	:1	1.720
	V	:1	1.314
	VI	:1	1.000
	VII	:1	0.822
	VIII	:1	0.640
	R	:1	3.456
Final drive		:1	2.813

Performance

Power-to-weight ratio (DIN)	kg/kW	8.5
Output per litre	kW/l	92.6
Acceleration 0–100 km/h	s	5.9
Top speed	km/h	250

BMW EfficientDynamics

BMW EfficientDynamics standard features	Brake Energy Regeneration with recuperation display, EPS (Electric Power Steering), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function, BMW EfficientLightweight, optimised aerodynamic attributes, on-demand operation of ancillary units, map-controlled oil pump, detachable a/c compressor, differential with optimized-warm-up behaviour, tyres with reduced rolling resistance
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Fuel consumption EU cycle

Urban	ltr/100 km	7.6 – 7.5
Extra-urban	ltr/100 km	5.8 – 5.6
Combined	ltr/100 km	6.4 – 6.3
CO ₂	g/km	147 – 144
Emission rating		EU6d-TEMP

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

¹⁾ Oil change volume

The values for fuel consumption, CO₂ emission and energy consumption shown were determined in the standardized test cycle according to the European Regulation (EC) 715/2007 in the version applicable at the time of type approval. The figures refer to a vehicle with basic configuration in Germany and the range shown considers optional equipment and the different size of wheels and tires available on the selected model and may vary during the configuration.

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BMW 2 Series Convertible. M240i.

BMW M240i Convertible		
Body		
No. of doors/seats		2 / 4
Length/width/height (unladen)	mm	4454 / 1774 / 1403
Wheelbase	mm	2690
Track, front/rear	mm	1516 / 1534
Ground clearance	mm	130
Turning circle	m	10.9
Tank capacity	approx. ltr	52
Engine oil ¹⁾	ltr	6.5
Weight, unladen, to DIN/EU	kg	1635 / 1710
Max. load to DIN	kg	425
Max. permissible weight	kg	2060
Max. axle load, front/rear	kg	975 / 1145
Max. trailer load, braked (12%/unbraked)	kg	- / -
Max. roof load/towbar download	kg	- / -
Luggage comp. capacity	ltr	280 – 335
Air resistance	C _d x A	0.36 x 2.13
Engine		
Config./No. of cyls./valves		in-line / 6 / 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	2998
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	11.0
Fuel		min RON 91
Output	kW/hp	250 / 340
at	rpm	5500
Torque	Nm	500
at	rpm	1520 – 4500
Electrical System		
Battery/Installation	Ah/-	80 / luggage comp.
Driving Dynamics and Safety		
Suspension, front		Aluminium double-joint spring strut axle with M-specific elastokinematics
Suspension, rear		Five-link axle in lightweight steel construction with double elastic bearing
Brakes, front		Four-piston fixed-calliper disc brakes
Brakes, rear		Two-piston fixed-calliper disc brakes
Driving stability systems		Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying function, fading compensation, start-off assistant
Safety equipment		Standard: driver and front-seat passenger airbags, driver and front-seat passenger side airbags with combined head airbags, three-point automatic seatbelts for all seats, seatbelt tensioners and seatbelt force limiters in front seats, crash sensors, roll-over protection system, tyre pressure indicator
Steering		Electromechanical rack-and-pinion power steering (EPS); Variable Sport Steering
Steering ratio, overall	:1	14.5
Tyres, front/rear		225/40 ZR18 88Y/ 245/35 ZR 18 92Y XL
Rims, front/rear		7.5J x 18 light-alloy/ 8J x 18 light-alloy

BMW M240i Convertible			
Transmission			
Type of gearbox	8-speed Steptronic		
Gear ratios	I	:1	5.000
	II	:1	3.200
	III	:1	2.143
	IV	:1	1.720
	V	:1	1.314
	VI	:1	1.000
	VII	:1	0.822
	VIII	:1	0.640
	R	:1	3.456
Final drive		:1	2.813
Performance			
Power-to-weight ratio (DIN)	kg/kW		6.5
Output per litre	kW/l		83.4
Acceleration 0–100 km/h	s		4.7
Top speed	km/h		250
BMW EfficientDynamics			
BMW EfficientDynamics standard features	Brake Energy Regeneration with recuperation display, EPS (Electric Power Steering), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function, BMW EfficientLightweight, optimised aerodynamic attributes, on-demand operation of ancillary units, map-controlled oil pump, differential with optimized-warm-up behaviour		
Fuel consumption EU cycle			
Urban	ltr/100 km		9.9 – 9.8
Extra-urban	ltr/100 km		6.3 – 6.3
Combined	ltr/100 km		7.6 – 7.6
CO ₂	g/km		173 – 172
Emission rating			EU6d-TEMP

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

¹⁾ Oil change volume

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The values are already based on the test cycle according to the new WLTP regulation and are translated back into NEDC-equivalent values in order to allow a comparison between 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 to the values stated here.

BMW 2 Series Convertible. M240i xDrive.

BMW M240i xDrive Convertible		
Body		
No. of doors/seats		2 / 4
Length/width/height (unladen)	mm	4454 / 1774 / 1403
Wheelbase	mm	2690
Track, front/rear	mm	1516 / 1534
Ground clearance	mm	130
Turning circle	m	11.3
Tank capacity	approx. ltr	52
Engine oil ¹⁾	ltr	6.5
Weight, unladen, to DIN/EU	kg	1685 / 1760
Max. load to DIN	kg	425
Max. permissible weight	kg	2110
Max. axle load, front/rear	kg	1025 / 1145
Max. trailer load, braked (12%/unbraked)	kg	- / -
Max. roof load/towbar download	kg	- / -
Luggage comp. capacity	ltr	280 – 335
Air resistance	C _d x A	0.37 x 2.13
Engine		
Config./No. of cyls./valves		in-line / 6 / 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	2998
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	11.0
Fuel		min RON 91
Output	kW/hp	250 / 340
at	rpm	5500
Torque	Nm	500
at	rpm	1520 – 4500
Electrical System		
Battery/Installation	Ah/-	80 / luggage comp.
Driving Dynamics and Safety		
Suspension, front		Aluminium double-joint spring strut axle with M-specific elastokinematics
Suspension, rear		Five-link axle in lightweight steel construction with double elastic bearing
Brakes, front		Four-piston fixed-calliper disc brakes
Brakes, rear		Two-piston fixed-calliper disc brakes
Driving stability systems		Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying function, fading compensation, start-off assistant, networked with xDrive all- wheel-drive system
Safety equipment		Standard: driver and front-seat passenger airbags, driver and front-seat passenger side airbags with combined head airbags, three-point automatic seatbelts for all seats, seatbelt tensioners and seatbelt force limiters in front seats, crash sensors, roll-over protection system, tyre pressure indicator
Steering		Electromechanical rack-and-pinion power steering (EPS); Variable Sport Steering
Steering ratio, overall	:1	14.6
Tyres, front/rear		225/40 ZR18 88Y/ 245/35 ZR 18 92Y XL
Rims, front/rear		7.5J x 18 light-alloy/ 8J x 18 light-alloy

BMW M240i xDrive Convertible

Transmission

Type of gearbox	8-speed Steptronic		
Gear ratios	I	:1	5.000
	II	:1	3.200
	III	:1	2.143
	IV	:1	1.720
	V	:1	1.314
	VI	:1	1.000
	VII	:1	0.822
	VIII	:1	0.640
	R	:1	3.456
Final drive		:1	2.813

Performance

Power-to-weight ratio (DIN)	kg/kW	6.7
Output per litre	kW/l	83.4
Acceleration 0–100 km/h	s	4.6
Top speed	km/h	250

BMW EfficientDynamics

BMW EfficientDynamics standard features	Brake Energy Regeneration with recuperation display, EPS (Electric Power Steering), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function, BMW EfficientLightweight, optimised aerodynamic attributes, on-demand operation of ancillary units, map-controlled oil pump, differential and power divider with optimized-warm-up behavior
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Fuel consumption EU cycle

Urban	ltr/100 km	10.9 – 10.6
Extra-urban	ltr/100 km	7.0 – 6.9
Combined	ltr/100 km	8.4 – 8.3
CO ₂	g/km	191 – 188
Emission rating		EU6d-TEMP

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

¹⁾ Oil change volume

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The values are already based on the test cycle according to the new WLTP regulation and are translated back into NEDC-equivalent values in order to allow a comparison between 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 to the values stated here.

BMW 2 Series Convertible. 218d.

BMW 218d Convertible		
Body		
No. of doors/seats		2 / 4
Length/width/height (unladen)	mm	4432 / 1774 / 1413
Wheelbase	mm	2690
Track, front/rear	mm	1521 / 1556
Ground clearance	mm	140
Turning circle	m	10.9
Tank capacity	approx. ltr	52
Engine oil ¹⁾	ltr	5.0
Weight, unladen, to DIN/EU	kg	1565 / 1640 (1585 / 1660)
Max. load to DIN	kg	450
Max. permissible weight	kg	2015 (2035)
Max. axle load, front/rear	kg	910 / 1160
Max. trailer load, braked (12%/unbraked)	kg	1500 / 750
Max. roof load/towbar download	kg	- / 75
Luggage comp. capacity	ltr	280 – 335
Air resistance	c _d x A	0.31 x 2.13
Engine		
Config./No. of cyls./valves		in-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: turbocharger with variable inlet geometry, common rail direct fuel injection with solenoid injectors, max. injection pressure: 2000 bar
Effective capacity	cm ³	1995
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel		Diesel
Output	kW/hp	110 / 150
at	rpm	4000
Torque	Nm	320
at	rpm	1500 – 3000
Electrical System		
Battery/Installation	Ah/-	90 / luggage comp.
Driving Dynamics and Safety		
Suspension, front		Aluminium double-joint spring strut axle
Suspension, rear		Five-link axle in lightweight steel construction with double elastic bearing
Brakes, front		Single-piston floating-calliper disc brakes
Brakes, rear		Single-piston floating-calliper disc brakes
Driving stability systems		Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying function, fading compensation, start-off assistant
Safety equipment		Standard: driver and front-seat passenger airbags, driver and front-seat passenger side airbags with combined head airbags, three-point automatic seatbelts for all seats, seatbelt tensioners and seatbelt force limiters in front seats, crash sensors, roll-over protection system, tyre pressure indicator
Steering		Electromechanical rack-and-pinion power steering (EPS); optional: Servotronic function, Variable Sport Steering
Steering ratio, overall	:1	15.0
Tyres, front/rear		205/55 R16 91V
Rims, front/rear		7J x 16 light-alloy

BMW 218d Convertible

Transmission

Type of gearbox	6-speed manual (8-speed Steptronic)		
Gear ratios	I	:1	4.002 (5.000)
	II	:1	2.108 (3.200)
	III	:1	1.395 (2.143)
	IV	:1	1.000 (1.720)
	V	:1	0.780 (1.314)
	VI	:1	0.668 (1.000)
	VII	:1	- (0.822)
	VIII	:1	- (0.640)
	R	:1	3.647 (3.456)
Final drive		:1	3.231 (2.647)

Performance

Power-to-weight ratio (DIN)	kg/kW	14.2 (14.4)
Output per litre	kW/l	55.1
Acceleration 0–100 km/h	s	9.0 (8.8)
Top speed	km/h	208 (205)

BMW EfficientDynamics

BMW EfficientDynamics standard features	Brake Energy Regeneration with recuperation display, EPS (Electric Power Steering), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function (automatic), BMW EfficientLightweight, optimised aerodynamic attributes, on-demand operation of ancillary units, map-controlled oil pump, detachable a/c compressor, differential with optimized-warm-up behavior, tyres with reduced rolling resistance, BMW Blue Performance technology including SCR catalytic converter
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Fuel consumption EU cycle

Urban	ltr/100 km	6.0 – 5.6 (5.5 – 5.4)
Extra-urban	ltr/100 km	4.7 – 4.4 (4.5 – 4.4)
Combined	ltr/100 km	5.2 – 4.8 (4.8 – 4.7)
CO ₂	g/km	136 – 127 (127 – 123)
Emission rating		EU6c (EU6d-TEMP)

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

¹⁾ Oil change volume

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BMW 2 Series Convertible. 220d.

BMW 220d Convertible		
Body		
No. of doors/seats		2 / 4
Length/width/height (unladen)	mm	4432 / 1774 / 1413
Wheelbase	mm	2690
Track, front/rear	mm	1521 / 1556
Ground clearance	mm	140
Turning circle	m	10.9
Tank capacity	approx. ltr	52
Engine oil ¹⁾	ltr	5.0
Weight, unladen, to DIN/EU	kg	1585 / 1660 (1600 / 1675)
Max. load to DIN	kg	450 (455)
Max. permissible weight	kg	2035 (2055)
Max. axle load, front/rear	kg	920 / 1160
Max. trailer load, braked (12%/unbraked)	kg	1500 / 750
Max. roof load/towbar download	kg	- / 75
Luggage comp. capacity	ltr	280 – 335
Air resistance	c _d x A	0.31 x 2.13
Engine		
Config./No. of cyls./valves		in-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: turbocharger with variable inlet geometry, common rail direct fuel injection with solenoid injectors, max. injection pressure: 2000 bar
Effective capacity	cm ³	1995
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel		Diesel
Output	kW/hp	140 / 190
at	rpm	4000
Torque	Nm	400
at	rpm	1750 – 2500
Electrical System		
Battery/Installation	Ah/-	90 / luggage comp.
Driving Dynamics and Safety		
Suspension, front		Aluminium double-joint spring strut axle
Suspension, rear		Five-link axle in lightweight steel construction with double elastic bearing
Brakes, front		Single-piston floating-calliper disc brakes
Brakes, rear		Single-piston floating-calliper disc brakes
Driving stability systems		Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying function, fading compensation, start-off assistant
Safety equipment		Standard: driver and front-seat passenger airbags, driver and front-seat passenger side airbags with combined head airbags, three-point automatic seatbelts for all seats, seatbelt tensioners and seatbelt force limiters in front seats, crash sensors, roll-over protection system, tyre pressure indicator
Steering		Electromechanical rack-and-pinion power steering (EPS); optional: Servotronic function, Variable Sport Steering
Steering ratio, overall	:1	15.0
Tyres, front/rear		205/55 R16 91W
Rims, front/rear		7J x 16 light-alloy

BMW 220d Convertible

Transmission

Type of gearbox	6-speed manual (8-speed Steptronic)		
Gear ratios	I	:1	4.110 (5.000)
	II	:1	2.248 (3.200)
	III	:1	1.403 (2.143)
	IV	:1	1.000 (1.720)
	V	:1	0.802 (1.314)
	VI	:1	0.659 (1.000)
	VII	:1	– (0.822)
	VIII	:1	– (0.640)
	R	:1	3.727 (3.456)
Final drive		:1	3.231 (2.647)

Performance

Power-to-weight ratio (DIN)	kg/kW	11.3 (11.4)
Output per litre	kW/l	70.2
Acceleration 0–100 km/h	s	7.6 (7.5)
Top speed	km/h	225 (225)

BMW EfficientDynamics

BMW EfficientDynamics standard features	Brake Energy Regeneration with recuperation display, EPS (Electric Power Steering), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function (automatic), BMW EfficientLightweight, optimised aerodynamic attributes, on-demand operation of ancillary units, map-controlled oil pump, detachable a/c compressor, differential with optimized-warm-up behavior, tyres with reduced rolling resistance, BMW Blue Performance technology including SCR catalytic converter
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Fuel consumption EU cycle

Urban	ltr/100 km	5.9 – 5.9 (5.4 – 5.4)
Extra-urban	ltr/100 km	4.6 – 4.3 (4.4 – 4.3)
Combined	ltr/100 km	5.1 – 4.9 (4.8 – 4.7)
CO ₂	g/km	135 – 129 (126 – 124)
Emission rating		EU6c (EU6d-TEMP)

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BMW 2 Series Convertible. 225d.

BMW 225d Convertible		
Body		
No. of doors/seats		2 / 4
Length/width/height (unladen)	mm	4432 / 1774 / 1413
Wheelbase	mm	2690
Track, front/rear	mm	1521 / 1556
Ground clearance	mm	140
Turning circle	m	10.9
Tank capacity	approx. ltr	52
Engine oil ¹⁾	ltr	5.0
Weight, unladen, to DIN/EU	kg	1625 / 1700
Max. load to DIN	kg	435
Max. permissible weight	kg	2060
Max. axle load, front/rear	kg	925 / 1160
Max. trailer load, braked (12%/unbraked)	kg	1500 / 750
Max. roof load/towbar download	kg	- / 75
Luggage comp. capacity	ltr	280 – 335
Air resistance	C _d x A	0.32 x 2.13
Engine		
Config./No. of cyls./valves		in-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: multi-stage charging, high and low pressure turbocharger with variable-geometry, Common Rail direct injection with solenoid valve injectors, max. injection pressure: 2500 bar
Effective capacity	cm ³	1995
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel		Diesel
Output	kW/hp	165 / 224
at	rpm	4400
Torque	Nm	450
at	rpm	1500 – 3000
Electrical System		
Battery/Installation	Ah/-	90 / luggage comp.
Driving Dynamics and Safety		
Suspension, front		Aluminium double-joint spring strut axle
Suspension, rear		Five-link axle in lightweight steel construction with double elastic bearing
Brakes, front		Single-piston floating-calliper disc brakes
Brakes, rear		Single-piston floating-calliper disc brakes
Driving stability systems		Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying function, fading compensation, start-off assistant
Safety equipment		Standard: driver and front-seat passenger airbags, driver and front-seat passenger side airbags with combined head airbags, three-point automatic seatbelts for all seats, seatbelt tensioners and seatbelt force limiters in front seats, crash sensors, roll-over protection system, tyre pressure indicator
Steering		Electromechanical rack-and-pinion power steering (EPS); optional: Servotronic function, Variable Sport Steering
Steering ratio, overall	:1	15.0
Tyres, front/rear		205/55 R17 89Y
Rims, front/rear		7J x 17 light-alloy

BMW 225d Convertible			
Transmission			
Type of gearbox	8-speed Steptronic		
Gear ratios	I	:1	5.000
	II	:1	3.200
	III	:1	2.143
	IV	:1	1.720
	V	:1	1.314
	VI	:1	1.000
	VII	:1	0.822
	VIII	:1	0.640
	R	:1	3.456
Final drive		:1	2.647
Performance			
Power-to-weight ratio (DIN)	kg/kW		9.8
Output per litre	kW/l		82.7
Acceleration 0–100 km/h	s		6.5
Top speed	km/h		231
BMW EfficientDynamics			
BMW EfficientDynamics standard features	Brake Energy Regeneration with recuperation display, EPS (Electric Power Steering), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function, BMW EfficientLightweight, optimised aerodynamic attributes, on-demand operation of ancillary units, map-controlled oil pump, differential with optimized-warm-up behavior, tyres with reduced rolling resistance, BMW Blue Performance technology including SCR catalytic converter		
Fuel consumption EU cycle			
Urban	ltr/100 km		5.7 – 5.6
Extra-urban	ltr/100 km		4.5 – 4.4
Combined	ltr/100 km		5.0 – 4.8
CO ₂	g/km		130 – 128
Emission rating			EU6c

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

¹⁾ Oil change volume

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