# **Technical specifications. BMW 4 Series Convertible.**

420i.



		BMW 420i Convertible
Body No. of doors / seats		2/4
Length/width/height (unladen)		4768 / 1852 / 1384
Wheelbase	mm	2851
Track, front/rear	mm	1573 / 1612
Ground clearance	mm	124
	mm	
Turning circle Fuel tank capacity	m	11.4
	approx. l	59
Engine oil <sup>1)</sup>	<u> </u>	5.25
Weight, unladen, to DIN/EU	kg	1690 / 1765
Max. load to DIN	kg	495
Max. permissible weight	kg	2185
Max. axle load, front/rear	kg	990 / 1240
Max. trailer load		
praked (12%)/unbraked	kg	1600 / 750
Max. roofload/towbar download		-/75
Luggage comp. capacity	I	385
Air resistance	c <sub>x</sub> x A	0.28 x 2.19
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	cc	1998
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	11.0
Fuel		Min. RON 91
Nominal power	kW/hp	135 / 184
at	rpm	5000 - 6500
Nominal torque	Nm	300
at	rpm	1350 – 4000
Electrical System		
Electrical System		00 //
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: M Sport suspension, adaptive M suspension
Safety equipment	-	Standard: airbags for driver and front passenger, side airbags for drive
		and front passenger with combined head airbags, three-point inertia-
	1	reel seatbelts for all seats, front seats with belt latch tensioner and bel
		force limiter, crash sensors, rollover protection system, tyre pressure
~		indicator
Steering		Electric Power Steering (EPS)
<b>•</b> • • • •		with Servotronic function; optional: variable sport steering
Steering ratio, overall	:1	14.1
Lynna frank/roar		225/50 R17 98Y XL
Tyres, front/rear Rims, front/rear		7.5J x 17 light-alloy

			BMW 420i Convertible
Transmission			
Type of transmis	sion		Eight-speed Steptronic transmission
Gear ratios		:1	5.250
		:1	3.360
		: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	12.5
Output per litre		kW/I	67.6
Acceleration (	0–100 km/h	s	8.2
Top speed		km/h	236
BMW EfficientDy	/namics		
BMW EfficientDy	namics		Brake Energy Regeneration with recuperation display, Electric Power
standard features	S		Steering (EPS), Auto Start Stop function, Optimum Shift Indicator, ECO PRO and COMFORT mode with coasting function, Proactive Driving
		4	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 Consumptio	on ECE		
Combined (WLTF		I/100	7.4 – 6.7
Combined (NEDC	· · ·	I/100	_
CO <sub>2</sub> (WLTP)		g/km	169 – 152
CO <sub>2</sub> (NEDC)		g/km	-
Emission rating			Euro 6e

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

<sup>1)</sup> Oil change

Official fuel consumption, CO<sub>2</sub> emissions, electric power consumption and electric range figures were determined based on the prescribed measurement procedure in accordance with European Regulation (EC) 2007/715 in the version applicable. Where a range is shown, the WLTP figures take into account the impact of any optional extras.

Only official figures based on the WLTP procedure are available for new models that have been type tested since 01.01.2021. In addition, according to EU Regulation 2022/195, the NEDC values will no longer be included in the EC certificates of conformity as of 01.01.2023. Further information on the WLTP and NEDC measurement procedures can also be found at www.bmw.de/wltp.

### BMW 4 Series Convertible. 430i xDrive.

		BMW 430i xDrive Convertible
Body		
No. of doors / seats		2/4
Length/width/height (unladen)	mm	4768 / 1852 / 1391
Wheelbase	mm	2851
Track, front/rear	mm	1573 / 1612
Ground clearance	mm	123
Turning circle	m	12.0
	approx. I	59
Engine oil 1)	1	5.75
Weight, unladen, to DIN/EU	kg	1765 / 1840
Max. load to DIN	kg	495
Max. permissible weight	kg	2260
Max. axle load, front/rear	kg	1050 / 1260
Max. trailer load		
braked (12%)/unbraked	kg	1800 / 750
Max. roofload/towbar download	kg	- / 75
Luggage comp. capacity		385
Air resistance	c <sub>x</sub> x A	0.28 x 2.19
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	CC	1998
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	10.2
Fuel		Min. RON 91
Nominal power	kW/hp	180 / 245
at	rpm	4500 – 6500
Nominal torque	Nm	400
at	rpm	1600 – 4000
Electrical System		
Battery/installation	Ah/-	80 / luggage compartment
Driving Dynamics and Safety		Double-joint spring-strut axle in lightweight aluminium-steel
		Double-loint spring-strut axie in lightweight gluminium-steel
Suspension, front		
		construction, hydraulically damped torque strut bearings
Suspension, rear		construction, hydraulically damped torque strut bearings Five-link axle in lightweight aluminium-steel construction
Suspension, rear Brakes, front		construction, hydraulically damped torque strut bearings Five-link axle in lightweight aluminium-steel construction Single-piston floating-calliper disc brakes, vented
Suspension, rear Brakes, front Brakes, rear		construction, hydraulically damped torque strut bearings Five-link axle in lightweight aluminium-steel construction Single-piston floating-calliper disc brakes, vented Single-piston floating-calliper disc brakes, vented
Suspension, rear Brakes, front Brakes, rear		construction, hydraulically damped torque strut bearings Five-link axle in lightweight aluminium-steel construction Single-piston floating-calliper disc brakes, vented Single-piston floating-calliper disc brakes, vented Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC
Suspension, rear Brakes, front Brakes, rear		construction, hydraulically damped torque strut bearings Five-link axle in lightweight aluminium-steel construction Single-piston floating-calliper disc brakes, vented Single-piston floating-calliper disc brakes, vented Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Performance
Suspension, rear Brakes, front Brakes, rear		construction, hydraulically damped torque strut bearings Five-link axle in lightweight aluminium-steel construction Single-piston floating-calliper disc brakes, vented Single-piston floating-calliper disc brakes, vented 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
Suspension, rear Brakes, front Brakes, rear		construction, hydraulically damped torque strut bearings Five-link axle in lightweight aluminium-steel construction Single-piston floating-calliper disc brakes, vented Single-piston floating-calliper disc brakes, vented 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; optiona
Suspension, rear Brakes, front Brakes, rear Driving stability systems	Å	construction, hydraulically damped torque strut bearings Five-link axle in lightweight aluminium-steel construction Single-piston floating-calliper disc brakes, vented 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; optiona M Sport suspension, adaptive M suspension, M Sport differential
Suspension, rear Brakes, front Brakes, rear Driving stability systems	Å	construction, hydraulically damped torque strut bearings Five-link axle in lightweight aluminium-steel construction Single-piston floating-calliper disc brakes, vented Single-piston floating-calliper disc brakes, vented 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; optiona M Sport suspension, adaptive M suspension, M Sport differential Standard: airbags for driver and front passenger, side airbags for drive
Suspension, rear Brakes, front Brakes, rear Driving stability systems	4	construction, hydraulically damped torque strut bearings Five-link axle in lightweight aluminium-steel construction Single-piston floating-calliper disc brakes, vented Single-piston floating-calliper disc brakes, vented 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; optiona M Sport suspension, adaptive M suspension, M Sport differential Standard: airbags for driver and front passenger, side airbags for drive and front passenger with combined head airbags, three-point inertia-
Suspension, rear Brakes, front Brakes, rear Driving stability systems	4	construction, hydraulically damped torque strut bearings Five-link axle in lightweight aluminium-steel construction Single-piston floating-calliper disc brakes, vented 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; optiona M Sport suspension, adaptive M suspension, M Sport differential Standard: airbags for driver and front passenger, side airbags for drive and front passenger with combined head airbags, three-point inertia- reel seatbelts for all seats, front seats with belt latch tensioner and bel
Suspension, rear Brakes, front Brakes, rear Driving stability systems	4	construction, hydraulically damped torque strut bearings Five-link axle in lightweight aluminium-steel construction Single-piston floating-calliper disc brakes, vented 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 Standard: airbags for driver and front passenger, side airbags for drive and front passenger with combined head airbags, three-point inertia- reel seatbelts for all seats, front seats with belt latch tensioner and bel- force limiter, crash sensors, rollover protection system, tyre pressure
Suspension, rear Brakes, front Brakes, rear Driving stability systems Safety equipment	4	construction, hydraulically damped torque strut bearings Five-link axle in lightweight aluminium-steel construction Single-piston floating-calliper disc brakes, vented 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; optiona M Sport suspension, adaptive M suspension, M Sport differential Standard: airbags for driver and front passenger, side airbags for driver and front passenger with combined head airbags, three-point inertia- reel seatbelts for all seats, front seats with belt latch tensioner and belf force limiter, crash sensors, rollover protection system, tyre pressure indicator
Suspension, rear Brakes, front Brakes, rear Driving stability systems Safety equipment	4	construction, hydraulically damped torque strut bearings Five-link axle in lightweight aluminium-steel construction Single-piston floating-calliper disc brakes, vented 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; optiona M Sport suspension, adaptive M suspension, M Sport differential Standard: airbags for driver and front passenger, side airbags for driver and front passenger with combined head airbags, three-point inertia- reel seatbelts for all seats, front seats with belt latch tensioner and belf force limiter, crash sensors, rollover protection system, tyre pressure indicator Electric Power Steering (EPS)
Suspension, rear Brakes, front Brakes, rear Driving stability systems Safety equipment Steering	ے ۲	construction, hydraulically damped torque strut bearings Five-link axle in lightweight aluminium-steel construction Single-piston floating-calliper disc brakes, vented 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; optiona M Sport suspension, adaptive M suspension, M Sport differential Standard: airbags for driver and front passenger, side airbags for driver and front passenger with combined head airbags, three-point inertia- reel seatbelts for all seats, front seats with belt latch tensioner and belf force limiter, crash sensors, rollover protection system, tyre pressure indicator Electric Power Steering (EPS) with Servotronic function; optional: variable sport steering
Suspension, front Suspension, rear Brakes, front Brakes, rear Driving stability systems Safety equipment Steering Steering Steering ratio, overall Tyres, front/rear	4	construction, hydraulically damped torque strut bearings Five-link axle in lightweight aluminium-steel construction Single-piston floating-calliper disc brakes, vented 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; optiona M Sport suspension, adaptive M suspension, M Sport differential Standard: airbags for driver and front passenger, side airbags for driver and front passenger with combined head airbags, three-point inertia- reel seatbelts for all seats, front seats with belt latch tensioner and bel force limiter, crash sensors, rollover protection system, tyre pressure indicator Electric Power Steering (EPS)

		BMW 430i xDrive Convertible
Transmission		
Type of transmission		Eight-speed Steptronic transmission
Gear ratios I	:1	5.250
II	:1	3.360
	: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	3.154
Performance		
Power-to-weight ratio (DIN)	kg/kW	9.8
Output per litre	kW/I	90.1
Acceleration 0–100 km/h	s	6.3
Top speed	km/h	250
BMW EfficientDynamics		
BMW EfficientDynamics		Brake Energy Regeneration with recuperation display, Electric Power
standard features	5	Steering (EPS), Auto Start Stop function, Optimum Shift Indicator, ECO PRO and COMFORT mode with coasting function, Proactive Driving ssistant, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map- regulated oil pump, efficiency-optimised all-wheel drive, differential with optimised warm-up behaviour, tyres with reduced rolling resistance
Fuel Consumption ECE		
Combined (WLTP)	I/100	8.0 – 7.3
Combined (NEDC)	I/100	
CO <sub>2</sub> (WLTP)	g/km	182 – 166
CO <sub>2</sub> (NEDC)	g/km	-
Emission ratina		Euro 6e

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

<sup>1)</sup> Oil change

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### BMW 4 Series Convertible. M440i xDrive.

		BMW M440i xDrive Convertible
Pad.		
<b>Body</b> No. of doors / seats		2/4
Length/width/height (unladen)	mm	4770 / 1852 / 1394
Wheelbase	mm	2851
Track, front/rear	mm	1583 / 1592
Ground clearance	mm	126
Furning circle	m	12.0
Fuel tank capacity	approx. l	59
Engine oil 1)		7.2
Neight, unladen, to DIN/EU	kg	1890 / 1965
Max. load to DIN	kg	485
Max. permissible weight	kg	2375
Max. axle load, front/rear	kg	1115 / 1285
Max. trailer load	ку	11157 1265
braked (12%)/unbraked	ko	1800 / 750
Max. roofload/towbar download	kg ka	/ 75
	kg	385
Luggage comp. capacity		
Air resistance	c <sub>x</sub> x A	0.28 x 2.19
Engine		
Config./No. of cyls./valves		In-line / 6 / 4
Engine technology		BMW TwinPower Turbo technology: twin-scroll turbocharger, High
	Р	recision Injection, VALVETRONIC fully variable valve timing, 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
Nominal power	kW/hp	275 / 374
at	rpm	5500 – 6500
Nominal torque	Nm	500
at	rpm	1900 – 5000
48V mild hybrid technology		
Nominal power	kW/hp	8 / 11
Electrical System		
Electrical System	Ah/-	80 (luceses comportment
12V battery/installation		80 / luggage compartment
48V battery/installation	Ah/-	11 / engine 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 suspension, M Sport differential; optional: adaptive
		M suspension
Safety equipment		Standard: airbags for driver and front passenger, side airbags for
		driver and front passenger with combined head airbags, three-poin
	i	inertia-reel seatbelts for all seats, front seats with belt latch tensione
		and belt force limiter, crash sensors, rollover protection system, 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/

			BMW M440i xDrive Convertible
Transmission			
Type of transm	ission		Eight-speed Steptronic transmission
Gear ratios	1	:1	5.250
	11	:1	3.360
		:1	2.172
	IV	:1	1.720
	V	:1	1.316
	VI	:1	1.000
	VII	:1	0.822
	VIII	:1	0.640
	R	:1	3.712
Final drive		:1	2.813
Performance			
Power-to-weig	ht ratio (DIN)	kg/kW	6.9
Output per litre	1	kW/I	91.7
Acceleration	0–100 km/h	s	4.9
Top speed		km/h	250
BMW Efficient	Dynamics		
BMW Efficient	Dynamics		Mild hybrid technology with 48V starter-generator, Brake Energy
standard featur	res		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,
			1W EfficientLightweight, optimised aerodynamic attributes, active air
			p control, on-demand operation of ancillary units, map-regulated oil
		pu	Imp, efficiency-optimised all-wheel drive, differential with optimised
			warm-up behaviour, tyres with reduced rolling resistance
Fuel Consumpt	tion ECE		
Combined (WL		I/100	8.7 – 8.1
Combined (NEI	DC)	I/100	-
CO <sub>2</sub> (WLTP)		g/km	197 – 182
CO <sub>2</sub> (NEDC)		g/km	
Emission rating	1		Euro 6e

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

<sup>1)</sup> Oil change

Official fuel consumption, CO<sub>2</sub> emissions, electric power consumption and electric range figures were determined based on the prescribed measurement procedure in accordance with European Regulation (EC) 2007/715 in the version applicable. Where a range is shown, the WLTP figures take into account the impact of any optional extras.

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## BMW 4 Series Convertible. 420d.

		BMW 420d Convertible
Body No. of doors / seats		2/4
Length/width/height (unladen)	mm	4768 / 1852 / 1384
Wheelbase	mm	2851
Track, front/rear	mm	1573 / 1612
Ground clearance	mm	124
Turning circle	m	
Fuel tank capacity	approx. l	59
Engine oil 1)		
Weight, unladen, to DIN/EU	kg	1775 / 1850
Max. load to DIN	kg	485
Max. permissible weight	kg	2260
Max. axle load, front/rear	kg	1030 / 1270
Max. trailer load		
braked (12%)/unbraked	kg	1600 / 750
Max. roofload/towbar download	kg	- / 75
Luggage comp. capacity	ر ا	
Air resistance	c <sub>x</sub> x A	0.27 x 2.19
	- A	
Engine		
Config./No. of cyls./valves		In-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: multi-stage turbocharging, low-
		pressure turbocharger with variable inlet geometry, common rail
		direct injection with solenoid valve injectors (max. injection pressure:
		2500 bar)
Effective capacity	cc	1995
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel		Diesel
Nominal power	kW/hp	140 / 190
at	rpm	4000
Nominal torque	Nm	400
at	rpm	1750 – 2500
48V mild hybrid technology		
Nominal power	kW/hp	8/11
Electrical System		
12V battery/installation	Ah/-	80 / luggage compartment
48V battery/installation	Ah/-	11 / engine compartment
Driving Dynamics and Safety		<b>_</b>
Suspension, front		Double-joint spring-strut axle in lightweight aluminium-steel
		construction, hydraulically damped torque strut bearings
Suspension, rear		Five-link axle in lightweight aluminium-steel construction
Brakes, front		Single-piston floating-calliper disc brakes, vented
Brakes, rear		Single-piston floating-calliper disc brakes, vented
		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC
		(Cornering Brake Control), DBC (Dynamic Brake Control),
		(Cornering Brake Control), DBC (Dynamic Brake Control), Performance Control, Dry Braking function, Fading Compensation,
		(Cornering Brake Control), DBC (Dynamic Brake Control), Performance Control, Dry Braking function, Fading Compensation, Start-Off Assistant; optional: M Sport suspension, adaptive
Driving stability systems		(Cornering Brake Control), DBC (Dynamic Brake Control), Performance Control, Dry Braking function, Fading Compensation, Start-Off Assistant; optional: M Sport suspension, adaptive M suspension
Driving stability systems		(Cornering Brake Control), DBC (Dynamic Brake Control), Performance Control, Dry Braking function, Fading Compensation, Start-Off Assistant; optional: M Sport suspension, adaptive <u>M suspension</u> Standard: airbags for driver and front passenger, side airbags for
Driving stability systems		(Cornering Brake Control), DBC (Dynamic Brake Control), Performance Control, Dry Braking function, Fading Compensation, Start-Off Assistant; optional: M Sport suspension, adaptive <u>M suspension</u> Standard: airbags for driver and front passenger, side airbags for driver and front passenger with combined head airbags, three-point
Driving stability systems		(Cornering Brake Control), DBC (Dynamic Brake Control), Performance Control, Dry Braking function, Fading Compensation, Start-Off Assistant; optional: M Sport suspension, adaptive M suspension Standard: airbags for driver and front passenger, side airbags for driver and front passenger with combined head airbags, three-point inertia-reel seatbelts for all seats, front seats with belt latch tensioner
Driving stability systems		(Cornering Brake Control), DBC (Dynamic Brake Control), Performance Control, Dry Braking function, Fading Compensation, Start-Off Assistant; optional: M Sport suspension, adaptive M suspension Standard: airbags for driver and front passenger, side airbags for driver and front passenger with combined head airbags, three-point inertia-reel seatbelts for all seats, front seats with belt latch tensioner and belt force limiter, crash sensors, rollover protection system, tyre
Driving stability systems Safety equipment		(Cornering Brake Control), DBC (Dynamic Brake Control), Performance Control, Dry Braking function, Fading Compensation, Start-Off Assistant; optional: M Sport suspension, adaptive M suspension Standard: airbags for driver and front passenger, side airbags for driver and front passenger with combined head airbags, three-point inertia-reel seatbelts for all seats, front seats with belt latch tensioner and belt force limiter, crash sensors, rollover protection system, tyre pressure indicator
Driving stability systems		(Cornering Brake Control), DBC (Dynamic Brake Control), Performance Control, Dry Braking function, Fading Compensation, Start-Off Assistant; optional: M Sport suspension, adaptive M suspension Standard: airbags for driver and front passenger, side airbags for driver and front passenger with combined head airbags, three-point inertia-reel seatbelts for all seats, front seats with belt latch tensioner and belt force limiter, crash sensors, rollover protection system, tyre pressure indicator Electric Power Steering (EPS)
Driving stability systems Safety equipment Steering		(Cornering Brake Control), DBC (Dynamic Brake Control), Performance Control, Dry Braking function, Fading Compensation, Start-Off Assistant; optional: M Sport suspension, adaptive M suspension Standard: airbags for driver and front passenger, side airbags for driver and front passenger with combined head airbags, three-point inertia-reel seatbelts for all seats, front seats with belt latch tensioner and belt force limiter, crash sensors, rollover protection system, tyre pressure indicator Electric Power Steering (EPS) with Servotronic function; optional: variable sport steering
Driving stability systems Safety equipment		(Cornering Brake Control), DBC (Dynamic Brake Control), Performance Control, Dry Braking function, Fading Compensation, Start-Off Assistant; optional: M Sport suspension, adaptive M suspension Standard: airbags for driver and front passenger, side airbags for driver and front passenger with combined head airbags, three-point inertia-reel seatbelts for all seats, front seats with belt latch tensioner and belt force limiter, crash sensors, rollover protection system, tyre pressure indicator Electric Power Steering (EPS)

		BMW 420d Convertible		
Transmission				
Type of transmission		Eight-speed Steptronic transmission		
Gear ratios I	:1	5.250		
	:1	3.360		
	: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	12.7		
Output per litre	kW/I	70.2		
Acceleration 0–100 km/h	S	7.6		
Top speed	km/h	236		
BMW EfficientDynamics				
BMW EfficientDynamics	Mile	d hybrid technology with 48V starter-generator, Brake Energy		
standard features	EC Drivi	generation with recuperation display, Auto Start Stop function, O PRO and COMFORT mode with coasting function, Proactive ng 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			
		mp, differential with optimised warm-up behaviour, tyres with		
	redu	ced rolling resistance, BMW Blue Performance technology with		
		SCR catalytic converter		
Fuel Consumption ECE				
Combined (WLTP)	I/100	5.8 - 5.2		
Combined (NEDC)	1/100	_		
CO <sub>2</sub> (WLTP)	g/km	153 – 136		
CO <sub>2</sub> (NEDC)	g/km	-		
Emission rating		Euro 6e		

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

<sup>1)</sup> Oil change

Official fuel consumption, CO<sub>2</sub> emissions, electric power consumption and electric range figures were determined based on the prescribed measurement procedure in accordance with European Regulation (EC) 2007/715 in the version applicable. Where a range is shown, the WLTP figures take into account the impact of any optional extras.

Only official figures based on the WLTP procedure are available for new models that have been type tested since 01.01.2021. In addition, according to EU Regulation 2022/195, the NEDC values will no longer be included in the EC certificates of conformity as of 01.01.2023. Further information on the WLTP and NEDC measurement procedures can also be found at www.bmw.de/wltp.

## BMW 4 Series Convertible. 430d.

		BMW 430d Convertible	
Body		2//	
No. of doors / seats		2/4	
Length/width/height (unladen)	mm	4768 / 1852 / 1384 2851	
Wheelbase	mm	1573 / 1612	
Track, front/rear Ground clearance	mm	124	
	mm		
Turning circle	m	<u> </u>	
Fuel tank capacity	approx. l		
Engine oil <sup>1)</sup>			
Weight, unladen, to DIN/EU Max. load to DIN	kg ka	485	
Max. permissible weight	kg	2370	
	kg	1105 / 1300	
Max. axle load, front/rear Max. trailer load	kg	110571500	
braked (12%)/unbraked	ka	1800/750	
Max. roofload/towbar download	kg ka		
Luggage comp. capacity	kg	385	
Air resistance		0.28 x 2.19	
Air resistance	c <sub>x</sub> x A	0.28 X 2.19	
Engine			
Config./No. of cyls./valves		In-line / 6 / 4	
Engine technology		BMW TwinPower Turbo technology: multi-stage turbocharging, low-	
Engine teennology		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	
Nominal power	kW/hp	210 / 286	
at	rpm	4000	
Nominal torque	Nm	650	
 at	rpm	1500 – 2500	
48V mild hybrid technology	- F		
Nominal power	kW/hp	8/11	
Electrical System			
12V battery/installation	Ah/-	90 / luggage compartment	
48V battery/installation	Ah/–	11 / engine 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	
	(C	ornering 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 with combined head airbags, three-point	
	i	nertia-reel seatbelts for all seats, front seats with belt latch tensioner	
		and belt force limiter, crash sensors, rollover protection system, tyre	
		pressure indicator	
Steering		Electric Power Steering (EPS)	
		with Servotronic function; optional: variable sport steering	
Steering ratio, overall	:1	14.1	
Tyres, front/rear Rims, front/rear		225/50 R17 98Y XL 7.5J x 17 light-alloy	
		/ 5 Ly 1 / light_alloy	

		BMW 430d Convertible		
Transmission				
Type of transmission		Eight-speed Steptronic transmission		
Gear ratios	:1	5.500		
	:1	3.520		
 	:1	2.200		
IV	:1	1.720		
V	:1	1.317		
	:1	1.000		
VII	:1	0.823		
VIII	:1	0.640		
R	:1	3.993		
Final drive	:1	2.563		
Performance				
Power-to-weight ratio (DIN)	kg/kW	9.0		
Output per litre	kW/I	70.2		
Acceleration 0–100 km/h	S	5.8		
Top speed	km/h	250		
BMW EfficientDynamics				
BMW EfficientDynamics	M	1ild hybrid technology with 48V starter-generator, Brake Energy		
standard features	R	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			
		oump, differential with optimised warm-up behaviour, tyres with duced rolling resistance, BMW Blue Performance technology with		
	re	SCR catalytic converter		
Fuel Consumption ECE				
Combined (WLTP)	I/100	5.8 - 5.2		
Combined (NEDC)	I/100	-		
CO <sub>2</sub> (WLTP)	g/km	164 – 146		
CO <sub>2</sub> (NEDC)	g/km	-		
Emission rating		Euro 6e		

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

<sup>1)</sup> Oil change

Official fuel consumption,  $CO_2$  emissions, electric power consumption and electric range figures were determined based on the prescribed measurement procedure in accordance with European Regulation (EC) 2007/715 in the version applicable. Where a range is shown, the WLTP figures take into account the impact of any optional extras.

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### BMW 4 Series Convertible. M440d xDrive.

		BMW M440d xDrive Convertible
Body		
No. of doors / seats		2/4
Length/width/height (unladen)	mm	4770 / 1852 / 1394
Wheelbase	mm	2851
Track, front/rear	mm	1583 / 1592
Ground clearance	mm	126
Turning circle	m	12.0
Fuel tank capacity	approx. I	59
Engine oil 1)		7.0
Weight, unladen, to DIN/EU		1980 / 2055
Max. load to DIN	kg	485
Max. permissible weight	kg	2465
Max. axle load, front/rear	kg	1160 / 1330
Max. trailer load	kg	110071550
	ka	1800 / 750
braked (12%)/unbraked Max. roofload/towbar download	kg	1800 / 750
	kg	- / 75
Luggage comp. capacity		385
Air resistance	c <sub>x</sub> x A	0.28 x 2.19
Engine		
Config./No. of cyls./valves		In-line / 6 / 4
Engine technology		BMW TwinPower Turbo technology: multi-stage charging, high- an
		low-pressure turbocharger with variable-geometry,
		common rail direct injection with piezo injectors
<b>E</b> <i>K</i> (		(max. injection pressure: 2700 bar)
Effective capacity	CC	2993
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel		Diesel
Nominal power	kW/hp	250 / 340
at	rpm	4400
Nominal torque	Nm	700
at	rpm	1750 – 2250
48V mild hybrid technology		
Nominal power	kW/hp	8 / 11
Flashias Creation		
Electrical System		00.41
12V battery/installation	Ah/-	80 / luggage compartment
48V battery/installation	Ah/-	11 / engine compartment
Driving Dynamics and Safety		
Suspension, front		Double-joint spring-strut axle in lightweight aluminium-steel
Suspension, none		construction, hydraulically damped torque strut bearings
Suspension, rear		Five-link axle in lightweight aluminium-steel construction
Brakes, front Brakes, roor		Four-piston fixed-calliper disc brakes, vented
Brakes, rear		Single-piston floating-calliper disc brakes, vented
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC
		(Cornering Brake Control), DBC (Dynamic Brake Control),
		Performance Control, Dry Braking function, Fading Compensation,
		Start-Off Assistant, xDrive all-wheel-drive system networked with
		DSC, M Sport suspension, M Sport differential; optional: adaptive
		M suspension
Safety equipment		Standard: airbags for driver and front passenger, side airbags for
		driver and front passenger with combined head airbags, three-poin
		nertia-reel seatbelts for all seats, front seats with belt latch tension
		and belt force limiter, crash sensors, rollover protection system, tyr
		pressure indicator
Steering		Electric Power Steering (EPS),
Steering		Electric Power Steering (EPS), variable sport steering with Servotronic function
Steering ratio, overall	:1	Electric Power Steering (EPS), variable sport steering with Servotronic function 13.6
Steering ratio, overall	:1	Electric Power Steering (EPS), variable sport steering with Servotronic function 13.6 225/45 R18 95Y XL
_	:1	Electric Power Steering (EPS), variable sport steering with Servotronic function 13.6 225/45 R18 95Y XL 255/40 R18 99Y XL
Steering ratio, overall	:1	Electric Power Steering (EPS), variable sport steering with Servotronic function 13.6 225/45 R18 95Y XL

		BMW M440d xDrive Convertible
Transmission		
Type of transmission		Eight-speed Steptronic transmission
Gear ratios I	: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 ratio (DIN)	kg/kW	7.9
Output per litre	kW/I	83.5
Acceleration 0–100 km/h	s	5.0
Top speed	km/h	250
BMW EfficientDynamics		
BMW EfficientDynamics		Mild hybrid technology with 48V starter-generator, Brake Energy
standard features		Regeneration with recuperation display, Auto Start Stop function, ECO PRO and COMFORT mode with coasting function, Proactive
		Driving Assistant, Optimum Shift Indicator, Electric Power Steering, BMW EfficientLightweight, optimised aerodynamic attributes, active air
		flap control, on-demand operation of ancillary units, map-regulated oil pump, efficiency-optimised all-wheel drive, differential with optimised
		warm-up behaviour, tyres with reduced rolling resistance, BMW Blue Performance technology with SCR catalytic converter
Fuel Consumption ECE		
Combined (WLTP)	1/100	6.9 - 6.4
Combined (NEDC)	I/100	
CO <sub>2</sub> (WLTP)	g/km	182 – 167
CO <sub>2</sub> (NEDC)	g/km	-
Emission rating		Euro 6e

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

<sup>1)</sup> Oil change

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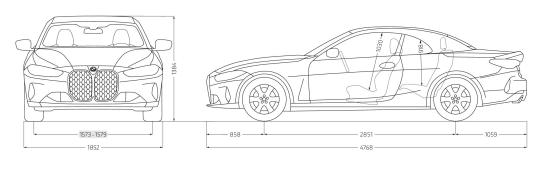
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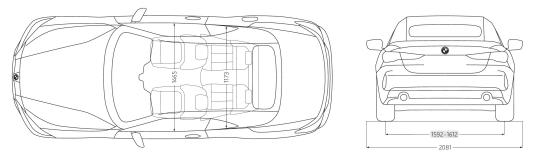
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### Exterior and interior dimensions.

**BMW 4 Series Convertible.** 





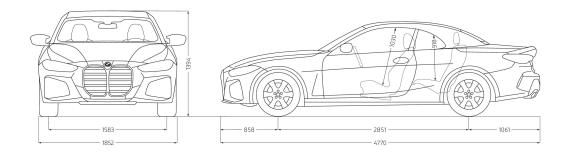


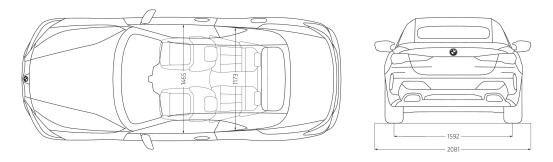
The dimensions indicated in the technical drawing are in millimetres and may vary depending on the model and the items of optional equipment fitted.

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#### BMW 4 Series Convertible. M440i xDrive, M440d xDrive.





The dimensions indicated in the technical drawing are in millimetres and may vary depending on the model and the items of optional equipment fitted.