

Specifications. BMW 4 Series Convertible. 430i xDrive



BMW 430i xDrive Convertible		
Body		
No. of doors/seats		2 / 4
Length/width/height (unladen)	mm	4638 / 1825 / 1399
Wheelbase	mm	2810
Front/rear track	mm	1544 / 1590
Ground clearance	mm	145
Turning circle	m	11.8
Fuel capacity	approx. l	60
Engine oil capacity ¹⁾	l	5.25
Weight, unladen (DIN/EU)	kg	1805 / 1880
Payload (DIN)	kg	450
Permitted total weight	kg	2255
Permitted axle load, front/rear	kg	1035 / 1255
Permitted trailer load (12%) braked/unbraked	kg	1700 / 750
Permitted roof load/trailer download	kg	– / 75
Luggage compartment capacity	l	370
Aerodynamic drag	c _x x A	0.31 x 2.16
Engine		
Type/no. of cylinders/valves		in-line / 4 / 4
Engine technology	BMW TwinPower Turbo technology: twin-scroll turbocharger, direct injection system High Precision Injection, fully variable valve control (VALVETRONIC) and double VANOS variable camshaft timing	
Effective capacity	cc	1998
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	10.2
Fuel type		min RON 91
Output	kW/hp	185 / 252
at rpm	min ⁻¹	5200
Torque	Nm	350
at rpm	min ⁻¹	1450 – 4800
Electrical		
Battery charge/location	Ah/–	90 / luggage compartment
Driving Dynamics and Safety		
Front suspension	Aluminium double-joint spring-strut axle with displaced camber, small positive steering roll radius, compensation of lateral forces, anti-dive	
Rear suspension	Five-link axle in lightweight steel construction	
Front brakes	Single-piston floating-calliper disc brakes, inner-vented	
Rear brakes	Single-piston floating-calliper disc brakes, inner-vented	
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, linked to xDrive all-wheel drive; optional: Adaptive Suspension	
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) with Servotronic function; optional: Variable Sport Steering	
Overall steering ratio	:1	15.0
Front/rear tyres	225/50 R17 98W XL	
Front/rear wheels	7.5J x 17 light-alloy	

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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
Differential ratio		:1	2.813
Performance			
Weight-to-power ratio (DIN unladen)		kg/kW	9.8
Specific power output		kW/l	92.6
Acceleration	0–100 km/h	sec	6.4
in 5th gear	80–120 km/h	sec	–
Max. speed		km/h	250
BMW EfficientDynamics			
BMW EfficientDynamics		Brake Energy Regeneration with recuperation display, electric power steering	
Features included as standard		(EPS), Auto Start Stop function, gear shift indicator, ECO PRO mode with coasting function, intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-regulated oil pump, differential and power divider with optimized-warm-up behaviour, tyres with reduced rolling resistance	
Fuel consumption (EU) ²⁾			
with standard wheels and tyres			
Urban	l/100 km		8.1
Extra-urban	l/100 km		5.4
Total	l/100 km		6.4
CO ₂ emissions	g/km		149
With 8J x 18" rims and 225/45 R18 tyres and winter tyres,			
With 8J x 18" front rims, 8.5J x 18" rear rims, 225/45 R18 front tyres and 255/40 R18 rear tyres,			
With 8J x 19" front rims, 8.5J x 19" rear rims, 225/40 R19 front tyres and 255/35 R19 rear tyres			
Urban	l/100 km		8.5
Extra-urban	l/100 km		5.7
Total	l/100 km		6.7
CO ₂ emissions	g/km		156
Emissions standard			EU6

Technical data valid for ACEA countries/Some permitted weights valid only for Germany

¹⁾ Oil change volume

²⁾ Fuel consumption and CO₂ emissions depend on the selected tyre format