

# Specifications. BMW 4 Series Convertible. 440i



BMW 440i Convertible		
<b>Body</b>		
No. of doors/seats		2 / 4
Length/width/height (unladen)	mm	4638 / 1825 / 1384
Wheelbase	mm	2810
Front/rear track	mm	1545 / 1594
Ground clearance	mm	130
Turning circle	m	11.3
Fuel capacity	approx. l	60
Engine oil capacity <sup>1)</sup>	l	6.5
Weight, unladen (DIN/EU)	kg	1770 / 1845
Payload (DIN)	kg	460
Permitted total weight	kg	2230
Permitted axle load, front/rear	kg	995 / 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 <sub>x</sub> x A	0.30 x 2.16
<b>Engine</b>		
Type/no. of cylinders/valves		in-line / 6 / 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	2998
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	11.0
Fuel type		min RON 91
Output	kW/hp	240 / 326
at rpm	min <sup>-1</sup>	5500
Torque	Nm	450
at rpm	min <sup>-1</sup>	1380 – 5000
<b>Electrical</b>		
Battery charge/location	Ah/–	90 / luggage compartment
<b>Driving Dynamics and Safety</b>		
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; 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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<b>Transmission</b>			
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
<b>Performance</b>			
Weight-to-power ratio (DIN unladen)		kg/kW	7.4
Specific power output		kW/l	80.1
Acceleration	0–100 km/h	sec	5.4
in 5th gear	80–120 km/h	sec	–
Max. speed		km/h	250
<b>BMW EfficientDynamics</b>			
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 with optimized-warm-up behaviour, tyres with reduced rolling resistance	
<b>Fuel consumption (EU) <sup>2)</sup></b>			
with standard wheels and tyres			
Urban	l/100 km		9.1
Extra-urban	l/100 km		5.5
Total	l/100 km		6.8
CO <sub>2</sub> emissions	g/km		159
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		9.5
Extra-urban	l/100 km		5.8
Total	l/100 km		7.2
CO <sub>2</sub> emissions	g/km		167
Emissions standard			EU6

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

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

<sup>2)</sup> Fuel consumption and CO<sub>2</sub> emissions depend on the selected tyre format