

Specifications. BMW 4 Series Convertible. 428i xDrive



BMW 428i xDrive Convertible

Body

| | | |
|---|--------------------|--------------------|
| No. of doors/seats | | 2 / 4 |
| Length/width/height ¹⁾ (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 |
| Cooling and heating system reservoir capacity | l | 9.1 |
| Engine oil capacity ²⁾ | l | 5.75 |
| Weight, unladen (DIN/EU) | kg | 1770 / 1845 |
| Payload (DIN) | kg | 450 |
| Permitted total weight | kg | 2220 |
| Permitted axle load, front/rear | kg | 1020 / 1225 |
| Permitted trailer load (12%) braked/unbraked | kg | 1700 / 750 |
| Permitted roof load/trailer download | kg | – / 75 |
| Luggage compartment capacity | l | 220 – 370 |
| Aerodynamic drag | c _d x A | 0.31 x 2.16 |

Engine

| | | |
|------------------------------|-------------------|---|
| Type/no. of cylinders/valves | | in-line / 4 / 4 |
| Engine technology | | BMW TwinPower Turbo technology with twin-scroll turbocharger, High Precision Injection, VALVETRONIC fully variable valve control and Double-VANOS variable camshaft control |
| Effective capacity | cc | 1997 |
| Stroke/bore | mm | 90.1 / 84.0 |
| Compression ratio | :1 | 11.0 |
| Fuel type | | min. RON 91 |
| Output | kW/hp | 180 / 245 |
| at rpm | min ⁻¹ | 5000 – 6500 |
| Torque | Nm | 350 |
| at rpm | min ⁻¹ | 1250 – 4800 |

Electrical

| | | |
|---------------------------|------|--------------------------|
| Battery charge/location | Ah/– | 90 / luggage compartment |
| Alternator current/output | AW | 170 / 2380 |

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 assist, linked to xDrive all-wheel-drive system in Integrated Chassis Management (ICM); | |
| 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, roll-over protection system, crash sensors, tyre defect indicator | |
| Steering | Electromechanical rack-and-pinion power steering (EPS) with Servotronic function; optional: Variable Sport Steering | |
| Overall steering ratio | :1 | 15.2 |
| Front/rear tyres | | 225/50 R17 94W |
| Front/rear wheels | | 7,5J x 17 light-alloy |

Specifications. BMW 4 Series Convertible.

| BMW 428i xDrive Convertible | | | | |
|--|-------------|--|--|-------|
| Transmission | | | | |
| Type of gearbox | | 8-speed automatic with 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 | | 3.295 |
| Differential ratio | | :1 | | 3.154 |
| Performance | | | | |
| Weight-to-power ratio (DIN unladen) | | kg/kW | | 9.8 |
| Specific power output | | kW/l | | 90.1 |
| Acceleration | 0–100 km/h | sec. | | 6.5 |
| | 0–1,000 m | sec. | | 4) |
| in 4th/5th gear | 80–120 km/h | sec. | | – / – |
| Max. speed | | km/h | | 250 |
| BMW EfficientDynamics | | | | |
| BMW EfficientDynamics Features included as standard | | Brake Energy Regeneration with recuperation display, electric power steering (EPS), Auto Start Stop function, ECO PRO mode with coasting function, intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-regulated oil pump, efficiency-optimised rear differential and power divider, tyres with reduced rolling resistance | | |
| Fuel consumption (EU) 3) | | | | |
| With standard wheels and tyres | | | | |
| Urban | l/100 km | | | 9.0 |
| Extra-urban | l/100 km | | | 5.8 |
| Total | l/100 km | | | 7.0 |
| CO ₂ emissions | | g/km | | 163 |
| 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 | | | 9.3 |
| Extra-urban | l/100 km | | | 5.9 |
| Combined | l/100 km | | | 7.2 |
| CO ₂ emissions | | g/km | | 167 |
| Emissions standard | | | | EU6 |

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

¹⁾ Height including roof aerial

²⁾ Oil change volume

³⁾ Fuel consumption and CO₂ emissions depend on the selected tyre format

⁴⁾ Data not yet available