

Technical specifications.

The new BMW 3 Series Touring.

318i.



| BMW 318i Touring | | |
|--|--------------------|---|
| Body | | |
| No of doors/seats | | 5 / 5 |
| Length/width/height (unladen) | mm | 4709 / 1827 / 1440 |
| Wheelbase | mm | 2851 |
| Track, front/rear | mm | 1573 / 1588 |
| Ground clearance | mm | 141 |
| Turning circle | m | 11.4 |
| Fuel tank capacity | approx. l | 59 |
| Engine oil ¹⁾ | l | 5.25 |
| Weight, unladen, to DIN/EU | kg | 1570 / 1645 |
| Max load to DIN | kg | 565 |
| Max permissible weight | kg | 2135 |
| Max axle load, front/rear | kg | 975 / 1260 |
| Max trailer load, braked (12%)/unbraked | kg | 1300 / 750 |
| Max roofload/max towbar download | kg | 75 / 75 |
| Luggage comp capacity | l | 500 – 1510 |
| Air resistance | C _d x A | 0.27 x 2.22 |
| Power Unit | | |
| 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 |
| Max output | kW/hp | 115 / 156 |
| at | rpm | 4500 – 6500 |
| Max torque | Nm | 250 |
| at | rpm | 1300 – 4300 |
| Electrical System | | |
| 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 bearing |
| Suspension, rear | | Five-link axle in lightweight aluminium-steel construction |
| Brakes, front | | Vented disc brakes, with single-piston floating callipers |
| Brakes, rear | | Vented disc brakes, with single-piston floating callipers |
| 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: Adaptive M suspension |
| Safety equipment | | Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags front and rear, three-point inertia-reel seatbelts on all seats with belt stopper, belt tensioner and belt force limiter at the front, crash-active front head restraints, crash sensors, tyre pressure indicator |
| Steering | | Electric Power Steering (EPS) with Servotronic function; optional: variable sport steering |
| Steering ratio, overall | :1 | 14.1 |
| Tyres, front/rear | | 225/50 R17 98Y XL |
| Rims, front/rear | | 7.5J x 17 light-alloy |

BMW 318i Touring

Transmission

| | | | |
|----------------------|-------------------------------------|----|-------|
| Type of transmission | Eight-speed Steptronic transmission | | |
| Gear ratios | I | :1 | 5.250 |
| | II | :1 | 3.360 |
| | III | :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 | 13.7 |
| Output per litre | kW/l | 57.6 |
| Acceleration 0–100 km/h | s | 8.7 |
| Top speed | km/h | 220 |

BMW EfficientDynamics

| | |
|---|---|
| BMW EfficientDynamics standard features | Brake Energy Regeneration with recuperation display, Electric Power Steering, Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function and Proactive Driving 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 Consumption ECE

| | | |
|-----------------|----------|-----------|
| Urban | l/100 km | 7.3 – 7.0 |
| Extra-urban | l/100 km | 5.5 – 5.0 |
| Combined | l/100 km | 6.2 – 5.7 |
| CO ₂ | g/km | 140 – 130 |
| Emission rating | | Euro 6d |

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

¹⁾ Oil change

The fuel consumption, CO₂ emissions and electric power consumption figures were determined according to the European Regulation (EC) 715/2007 in the version applicable. The figures refer to a vehicle with basic configuration in Germany. The range shown considers the different sizes of the selected wheels/tyres and the selected items of optional equipment, and may vary during configuration.

The values are based on the new WLTP test cycle and are translated back into NEDC-equivalent values in order to ensure comparability between the 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 from the values stated here (depending on national legislation).

Further information on official fuel consumption figures and specific CO₂ emission values of new passenger cars is included in the following guideline: 'Leitfaden über den Kraftstoffverbrauch, die CO₂-Emissionen und den Stromverbrauch neuer Personenkraftwagen' (Guide to the fuel economy, CO₂ emissions and electric power consumption of new passenger cars), which can be obtained free of charge from all dealerships, from Deutsche Automobil Treuhand GmbH (DAT), Hellmuth-Hirth-Str. 1, 73760 Ostfildern-Schramhausen and at <https://www.dat.de/co2/>.