### BMW 318d xDrive

#### Body

- **No. of doors/seats**: 4/5
- **LWH (unladen)**: 4624 / 1811 / 1434 mm
- **Wheelbase**: 2810 mm
- **Front/rear track**: 1543 / 1583 mm
- **Ground clearance**: 145 mm
- **Turning circle**: 11.7 m
- **Fuel capacity**: approx. 1 l
- **Cooling and heating system reservoir capacity**: 7.6 l
- **Engine oil capacity**: 5.2 l
- **Weight, unladen (DIN/EU)**: 1490 / 1585 kg
- **Payload (DIN)**: 546 kg
- **Permitted total weight**: 2036 kg
- **Permitted axle load, front/rear**: 960 / 1135 kg
- **Permitted trailer load (12%) braked/unbraked**: 1600 / 745 kg
- **Permitted roof load/trailer download**: 75 / 75 kg
- **Luggage compartment capacity**: 480 l
- **Aerodynamic drag**: \( c_d \times A \times 0.27 \times 2.26 \)

#### Engine

- **Type/no. of cylinders/valves**: in-line / 4 / 4
- **Engine technology**: BMW TwinPower Turbo technology with variable-geometry turbocharger, Common Rail direct injection with solenoid valve injectors (max. injection pressure: 1600 bar)
- **Effective capacity**: 1995 cc
- **Stroke/bore**: 90.0 / 84.0 mm
- **Compression ratio**: 16.5 :1
- **Fuel type**: Diesel
- **Output**:
  - at rpm: 105 / 143 kW / hp
  - at rpm: 4000 min⁻¹
- **Torque**:
  - at rpm: 320 Nm
  - at rpm: 1750 – 2500 min⁻¹

#### Electrical

- **Battery charge/location**: Ah / l / 90 / luggage compartment
- **Alternator current/output**: 12V / 90 / 180 / 2520 AW

#### Driving Dynamics and Safety

- **Front suspension**: Aluminium double-joint spring-strut axle with displaced camber, small positive steering roll radius, transverse force compensation, anti-dive
- **Rear suspension**: Five-link axle in lightweight construction
- **Front brakes**: Single-piston floating-caliper disc brakes
- **Rear brakes**: Single-piston floating-caliper disc brakes
- **Driving stability systems**: As 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, cross-linking of the four-wheel drive with the stability control system DSC within the Integrated Chassis Management (ICM)
- **Safety equipment**: As standard: driver and front-seat passenger airbags, driver and front-seat passenger side airbags, front and rear head airbags, three-point automatic seatbelts for all seats, seatbelt tensioners and seatbelt force limiters in front seats, crash sensors, tyre defect indicator
- **Steering**: Electromechanical rack-and-pinion power steering (EPS), optional: Servotronic function, Variable Sport Steering
- **Overall steering ratio**: 15.2 :1
- **Front/rear tyres**: 205/60 R16 92V
- **Front/rear wheels**: 7.1J x 16 steel
Specifications.
BMW 3 Series Sedan.

BMW ConnectedDrive

Comfort
Optional: BMW Concierge Services, information service, remote functions, Real Time Traffic Information, BMW TeleServices, mobile device integration

Information and entertainment
Optional: Internet connectivity, BMW Online including parking information, country information, Google business search, news, real-time weather, BMW Routes, office functions, Bluetooth audio streaming, online music title update, apps

Safety
Optional: Adaptive Headlights with turning lights, variable light distribution and adaptive headlight range adjustment, high beam assistance, park distance control, rear view camera, Surround View incl. Side View and Top View, BMW Head-Up Display, Parking Assistant, Lane Chance Warning, Lane Departure Warning with Collision Warning, Driving Assistant, speed limit and no passing information, Active Protection, extended emergency call

Transmission

<table>
<thead>
<tr>
<th>Type of gearbox</th>
<th>Gear ratios</th>
<th>6-speed manual</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gear ratios</td>
<td>I :1</td>
<td>2.248</td>
</tr>
<tr>
<td></td>
<td>II :1</td>
<td>1.403</td>
</tr>
<tr>
<td></td>
<td>III :1</td>
<td>1.000</td>
</tr>
<tr>
<td></td>
<td>IV :1</td>
<td>0.802</td>
</tr>
<tr>
<td></td>
<td>V :1</td>
<td>0.699</td>
</tr>
<tr>
<td></td>
<td>VI :1</td>
<td>0.649</td>
</tr>
<tr>
<td></td>
<td>R :1</td>
<td>0.649</td>
</tr>
<tr>
<td>Differential ratio</td>
<td>:1</td>
<td>1.000</td>
</tr>
</tbody>
</table>

Performance

<table>
<thead>
<tr>
<th>Weight-to-power ratio (DIN unladen)</th>
<th>kg/kW</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specific power output</td>
<td>14.2</td>
</tr>
</tbody>
</table>

Acceleration

<table>
<thead>
<tr>
<th>0-100 km/h</th>
<th>sec.</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-1,000 m</td>
<td>sec.</td>
</tr>
</tbody>
</table>

in 4th/5th gear 80-120 km/h sec. 7.9 | 9.9
Max. speed km/h 212

BMW EfficientDynamics

BMW EfficientDynamics Features included as standard
- Brake Energy Regeneration, electromechanical power steering, Automatic StartStop function, gear shift indicator, ECO PRO mode with coasting, intelligent lightweight construction, on-demand operation of ancillary units, map-regulated oil pump, air flap control, differential with optimized-warm-up behaviour, tyres with reduced rolling resistance

Fuel consumption (EU)\(^3\)

with standard wheels and tyres

<table>
<thead>
<tr>
<th>Urban</th>
<th>V/100 km</th>
<th>5.7</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extra-urban</td>
<td>V/100 km</td>
<td>4.1</td>
</tr>
<tr>
<td>Total</td>
<td>V/100 km</td>
<td>4.7</td>
</tr>
<tr>
<td>CO₂ emissions</td>
<td>g/km</td>
<td>123</td>
</tr>
</tbody>
</table>

with 7,5J x 16 wheels and 225/55 R16 tyres, with 7,5J x 17 wheels and 225/50 R17 tyres, with 7,5J x 17 wheels at front, 8,5J x 17 wheels at rear and 225/50 R17 tyres at front, 225/45 R17 tyres at rear, with 8,5J x 17 wheels and 225/45 R18 tyres, with 8J x 18 wheels at front, 8,5J x 18 wheels at rear and 225/45 R18 tyres at front, 255/40 R18 tyres at rear, with 8J x 19 wheels at front, 8,5J x 19 wheels at rear and 225/40 R19 tyres at front, 255/35 R19 tyres at rear

<table>
<thead>
<tr>
<th>Urban</th>
<th>V/100 km</th>
<th>5.9</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extra-urban</td>
<td>V/100 km</td>
<td>4.2</td>
</tr>
<tr>
<td>Combined</td>
<td>V/100 km</td>
<td>4.8</td>
</tr>
<tr>
<td>CO₂ emissions</td>
<td>g/km</td>
<td>127</td>
</tr>
<tr>
<td>Emissions standard</td>
<td>EU5</td>
<td></td>
</tr>
</tbody>
</table>

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

\(^1\) Height with roof aerial: 1446 mm
\(^2\) Oil change volume
\(^3\) Fuel consumption and CO₂ emissions depend on the selected tyre format