## BMW 118i

### Body

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>No of doors/seats</td>
<td>5/5</td>
</tr>
<tr>
<td>Length/width/height (unladen)</td>
<td>mm 4319/1799/1434</td>
</tr>
<tr>
<td>Wheelbase</td>
<td>mm 2670</td>
</tr>
<tr>
<td>Track, front/rear</td>
<td>mm 1565/1565</td>
</tr>
<tr>
<td>Ground clearance</td>
<td>mm 153</td>
</tr>
<tr>
<td>Turning circle</td>
<td>m 11.4</td>
</tr>
<tr>
<td>Fuel tank capacity</td>
<td>approx. l 42</td>
</tr>
<tr>
<td>Engine oil 1)</td>
<td>l 4.25</td>
</tr>
<tr>
<td>Weight, unladen, to DIN/EU</td>
<td>kg 1290 (1320)/1365 (1395)</td>
</tr>
<tr>
<td>Max load to DIN</td>
<td>kg 555 (550)</td>
</tr>
<tr>
<td>Max permissible weight</td>
<td>kg 1845 (1870)</td>
</tr>
<tr>
<td>Max axle load, front/rear</td>
<td>kg 960 (1005)/940</td>
</tr>
<tr>
<td>Max trailer load, braked (12%)/unbraked</td>
<td>kg 1300/680 (695)</td>
</tr>
<tr>
<td>Max roofload/max towbar download</td>
<td>kg 75/75</td>
</tr>
<tr>
<td>Luggage comp capacity</td>
<td>l 380–1200</td>
</tr>
<tr>
<td>Air resistance</td>
<td>C_d x A 0.26 x 2.19</td>
</tr>
</tbody>
</table>

### Power Unit

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Config/No of cyls/valves</td>
<td>In-line/3/4</td>
</tr>
<tr>
<td>Engine technology</td>
<td>BMW TwinPower Turbo technology: turbocharger, High Precision Injection, VALVETRONIC fully variable valve timing, Double-VANOS variable camshaft timing</td>
</tr>
<tr>
<td>Effective capacity</td>
<td>cc 1499</td>
</tr>
<tr>
<td>Stroke/bore</td>
<td>mm 94.6/82.0</td>
</tr>
<tr>
<td>Compression ratio</td>
<td>:1 11.0</td>
</tr>
<tr>
<td>Fuel</td>
<td>mn. RON 91</td>
</tr>
<tr>
<td>Max output kW/Whp</td>
<td>103/140</td>
</tr>
<tr>
<td>at rpm</td>
<td>4200–6500</td>
</tr>
<tr>
<td>Max torque Nm</td>
<td>220</td>
</tr>
<tr>
<td>at rpm</td>
<td>1480–4600</td>
</tr>
</tbody>
</table>

### Electrical System

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Battery/Installation</td>
<td>Ah–60/engine compartment</td>
</tr>
</tbody>
</table>

### Driving Dynamics and Safety

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Suspension, front</td>
<td>Single-joint spring strut axle in lightweight aluminium-steel construction</td>
</tr>
<tr>
<td>Suspension, rear</td>
<td>Multi-link axle in lightweight steel construction with separate spring and damper configuration</td>
</tr>
<tr>
<td>Brakes, front</td>
<td>Vented disc brakes, with single-piston floating callipers</td>
</tr>
<tr>
<td>Brakes, rear</td>
<td>Solid disc brakes, with single-piston floating callipers</td>
</tr>
<tr>
<td>Driving stability systems</td>
<td>Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), ARB technology (actuator contiguous wheel slip limitation), DBC (Dynamic Brake Control), Dry Braking function, fading compensation, Start-Off Assistant, EDLC (Electronic Differential Lock Control), Performance Control, trailer stability control; optional: M Sport suspension, Adaptive suspension</td>
</tr>
<tr>
<td>Safety equipment</td>
<td>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 tensioner and belt force limiter at the front, crash sensors, tyre defect indicator</td>
</tr>
<tr>
<td>Steering</td>
<td>Electric Power Steering (EPS) with Servotronic function; optional: M Sport steering</td>
</tr>
<tr>
<td>Steering ratio, overall</td>
<td>:1 15.0</td>
</tr>
<tr>
<td>Tyres, front/rear</td>
<td>205/55 R16 91W</td>
</tr>
<tr>
<td></td>
<td>205/55 R16 91W</td>
</tr>
<tr>
<td>Rims, front/rear</td>
<td>7J x 16</td>
</tr>
</tbody>
</table>
BMW 118i

Transmission

<table>
<thead>
<tr>
<th>Type of transmission</th>
<th>Gear ratios</th>
<th>Gear ratio</th>
</tr>
</thead>
<tbody>
<tr>
<td>Six-speed manual</td>
<td>I :1</td>
<td>3.615 (16.385)</td>
</tr>
<tr>
<td>(seven-speed Steptronic dual-clutch transmission)</td>
<td>II :1</td>
<td>1.952 (9.664)</td>
</tr>
<tr>
<td></td>
<td>III :1</td>
<td>1.179 (6.181)</td>
</tr>
<tr>
<td></td>
<td>IV :1</td>
<td>0.853 (4.327)</td>
</tr>
<tr>
<td></td>
<td>V :1</td>
<td>0.711 (3.349)</td>
</tr>
<tr>
<td></td>
<td>VI :1</td>
<td>0.585 (2.663)</td>
</tr>
<tr>
<td></td>
<td>VII :1</td>
<td>- (2.158)</td>
</tr>
<tr>
<td></td>
<td>VIII :1</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>R :1</td>
<td>3.538 (14.994)</td>
</tr>
<tr>
<td>Final drive</td>
<td>:1</td>
<td>4.118 (3.944)</td>
</tr>
</tbody>
</table>

Performance

<table>
<thead>
<tr>
<th>Power-to-weight ratio (DIN)</th>
<th>kg/kW</th>
<th>12.5 (12.8)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Output per litre</td>
<td>kW/l</td>
<td>68.7</td>
</tr>
<tr>
<td>Acceleration 0–100 km/h</td>
<td>s</td>
<td>6.5</td>
</tr>
<tr>
<td>In 5th gear 80–120 km/h</td>
<td>s</td>
<td>10.6 (+)</td>
</tr>
<tr>
<td>Top speed</td>
<td>km/h</td>
<td>213</td>
</tr>
</tbody>
</table>

BMW EfficientDynamics

| Brake Energy Regeneration with recuperation display, Electric Power Steering, Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function (with automatic transmission), intelligent lightweight construction, 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

<table>
<thead>
<tr>
<th>Urban</th>
<th>l/100 km</th>
<th>7.0</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extra-urban</td>
<td>l/100 km</td>
<td>4.3</td>
</tr>
<tr>
<td>Combined</td>
<td>l/100 km</td>
<td>5.7–5.0</td>
</tr>
<tr>
<td>CO₂</td>
<td>g/km</td>
<td>129–114</td>
</tr>
</tbody>
</table>

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

All figures relating to performance, fuel/electric power consumption and CO₂ emissions are provisional.

The fuel consumption and CO₂ emission figures are determined according to the European Regulation (EC) 2007/715 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 have been 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).

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2) Oil change
3) Fuel consumption and CO₂ emissions depend on the selected tyre format
## BMW M135i xDrive

### Body

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>No of doors/seats</td>
<td>5/5</td>
</tr>
<tr>
<td>Length/width/height (unladen) mm</td>
<td>4319/1799/1434</td>
</tr>
<tr>
<td>Wheelbase mm</td>
<td>2670</td>
</tr>
<tr>
<td>Track, front/rear mm</td>
<td>1560/1563</td>
</tr>
<tr>
<td>Ground clearance mm</td>
<td>153</td>
</tr>
<tr>
<td>Turning circle m</td>
<td>11.4</td>
</tr>
<tr>
<td>Fuel tank capacity approx. l</td>
<td>50</td>
</tr>
<tr>
<td>Weight, unladen, to DIN/EU kg</td>
<td>1525/1600</td>
</tr>
<tr>
<td>Max load to DIN kg</td>
<td>560</td>
</tr>
<tr>
<td>Max permissible weight kg</td>
<td>2085</td>
</tr>
<tr>
<td>Max axle load, front/rear kg</td>
<td>1120/1020</td>
</tr>
<tr>
<td>Max trailer load, braked (12%)/unbraked kg</td>
<td>-</td>
</tr>
<tr>
<td>Max roofload/max towbar download kg</td>
<td>75/75</td>
</tr>
<tr>
<td>Luggage comp capacity l</td>
<td>380–1200</td>
</tr>
<tr>
<td>Air resistance $c_d \times A$</td>
<td>0.34 \times 2.19</td>
</tr>
</tbody>
</table>

### Power Unit

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Config/No of cyls/valves</td>
<td>In-line/4/4</td>
</tr>
<tr>
<td>Engine technology</td>
<td>BMW TwinPower Turbo technology: turbocharger, High Precision Injection, VALVETRONIC fully variable valve timing, Double-VANOS variable camshaft timing</td>
</tr>
<tr>
<td>Effective capacity cc</td>
<td>1998</td>
</tr>
<tr>
<td>Stroke/bore mm</td>
<td>94.6/82.0</td>
</tr>
<tr>
<td>Compression ratio :1</td>
<td>9.5</td>
</tr>
<tr>
<td>Fuel min. RON</td>
<td>95</td>
</tr>
<tr>
<td>Max output kW/Whp</td>
<td>225/306</td>
</tr>
<tr>
<td>at rpm</td>
<td>4500–6250</td>
</tr>
<tr>
<td>Max torque Nm</td>
<td>450</td>
</tr>
<tr>
<td>at rpm</td>
<td>1750–5000</td>
</tr>
</tbody>
</table>

### Electrical System

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Battery/Installation Ah–</td>
<td>70/engine compartment</td>
</tr>
</tbody>
</table>

### Driving Dynamics and Safety

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Suspension, front</td>
<td>Single-joint spring strut axle in lightweight aluminium-steel construction</td>
</tr>
<tr>
<td>Suspension, rear</td>
<td>Multi-link axle in lightweight steel construction with separate spring and damper configuration</td>
</tr>
<tr>
<td>Brakes, front</td>
<td>Vented disc brakes, with single-piston floating callipers</td>
</tr>
<tr>
<td>Brakes, rear</td>
<td>Vented disc brakes, with single-piston floating callipers</td>
</tr>
<tr>
<td>Driving stability systems</td>
<td>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 tensioner and belt force limiter at the front, crash sensors, tyre defect indicator</td>
</tr>
<tr>
<td>Safety equipment</td>
<td>Performance Control, M Sport suspension; optional: Adaptive suspension</td>
</tr>
<tr>
<td>Steering</td>
<td>Electromechanical M Sport steering with Servotronic function</td>
</tr>
<tr>
<td>Steering ratio, overall :1</td>
<td>14.0</td>
</tr>
<tr>
<td>Tyres, front/rear</td>
<td>225/40 R18 92 Y XL</td>
</tr>
<tr>
<td></td>
<td>225/40 R18 92 Y XL</td>
</tr>
<tr>
<td>Rims, front/rear</td>
<td>8J x 18 light-alloy</td>
</tr>
</tbody>
</table>

The all-new BMW 1 Series. M135i xDrive.
**BMW M135i xDrive**

**Transmission**

<table>
<thead>
<tr>
<th>Type of transmission</th>
<th>Eight-speed Steptronic Sport transmission</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gear ratios</td>
<td></td>
</tr>
<tr>
<td>I</td>
<td>1 : 5.519</td>
</tr>
<tr>
<td>II</td>
<td>1 : 3.184</td>
</tr>
<tr>
<td>III</td>
<td>1 : 2.050</td>
</tr>
<tr>
<td>IV</td>
<td>1 : 1.492</td>
</tr>
<tr>
<td>V</td>
<td>1 : 1.235</td>
</tr>
<tr>
<td>VI</td>
<td>1 : 1.000</td>
</tr>
<tr>
<td>VII</td>
<td>1 : 0.801</td>
</tr>
<tr>
<td>VIII</td>
<td>1 : 0.673</td>
</tr>
<tr>
<td>R</td>
<td>1 : 4.221</td>
</tr>
<tr>
<td>Final drive</td>
<td>1 : 3.075</td>
</tr>
</tbody>
</table>

**Performance**

<table>
<thead>
<tr>
<th>Power-to-weight ratio (DIN)</th>
<th>kg/kW</th>
</tr>
</thead>
<tbody>
<tr>
<td>Output per litre</td>
<td>kW/l</td>
</tr>
<tr>
<td>Acceleration 0–100 km/h</td>
<td>s</td>
</tr>
<tr>
<td>Top speed</td>
<td>km/h</td>
</tr>
</tbody>
</table>

**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 (with automatic transmission), intelligent lightweight construction, 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**

<table>
<thead>
<tr>
<th>Urban</th>
<th>l/100 km</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extra-urban</td>
<td>l/100 km</td>
</tr>
<tr>
<td>Combined</td>
<td>l/100 km</td>
</tr>
<tr>
<td>CO₂</td>
<td>g/km</td>
</tr>
<tr>
<td>Emission rating</td>
<td>EU6d-TEMP</td>
</tr>
</tbody>
</table>

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

**Notes:**

1) Oil change
2) Fuel consumption and CO₂ emissions depend on the selected tyre format.

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The all-new BMW 1 Series.
116d.

### BMW 116d

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<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>No of doors/seats</td>
<td>5/5</td>
</tr>
<tr>
<td>Length/width/height (unladen)</td>
<td>mm 4319/1799/1434</td>
</tr>
<tr>
<td>Wheelbase</td>
<td>mm 2670</td>
</tr>
<tr>
<td>Track, front/rear</td>
<td>mm 1565/1565</td>
</tr>
<tr>
<td>Ground clearance</td>
<td>mm 153</td>
</tr>
<tr>
<td>Turning circle</td>
<td>m 11.4</td>
</tr>
<tr>
<td>Fuel tank capacity</td>
<td>approx. l 42</td>
</tr>
<tr>
<td>Engine oil</td>
<td>l 4.8</td>
</tr>
<tr>
<td>Weight, unladen, to DIN/EU</td>
<td>kg 1375 (1385) / 1450 (1460)</td>
</tr>
<tr>
<td>Max load to DIN</td>
<td>kg 550 (555)</td>
</tr>
<tr>
<td>Max permissible weight</td>
<td>kg 1925 (1940)</td>
</tr>
<tr>
<td>Max axle load, front/rear</td>
<td>kg 1025 (1040)980</td>
</tr>
<tr>
<td>Max trailer load, braked</td>
<td>kg 1300/725 (730)</td>
</tr>
<tr>
<td>Max roofload/max towbar download</td>
<td>kg 75/75</td>
</tr>
<tr>
<td>Luggage comp capacity</td>
<td>l 380–1200</td>
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<td>Air resistance</td>
<td>$c_d \times A$ 0.26 x 2.19</td>
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<thead>
<tr>
<th>Specification</th>
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<tbody>
<tr>
<td>Config/No of cyls/valves</td>
<td>In-line/3/4</td>
</tr>
<tr>
<td>Engine technology</td>
<td>BMW TwinPower Turbo technology: turbocharger with variable inlet geometry, common-rail direct injection with piezo injectors (max. injection pressure: 2000 bar)</td>
</tr>
<tr>
<td>Effective capacity</td>
<td>cc 1496</td>
</tr>
<tr>
<td>Stroke/bore</td>
<td>mm 90.0/84.0</td>
</tr>
<tr>
<td>Compression ratio</td>
<td>:1 16.5</td>
</tr>
<tr>
<td>Fuel</td>
<td>Diesel</td>
</tr>
<tr>
<td>Max output</td>
<td>kW/hp 85/116</td>
</tr>
<tr>
<td>at</td>
<td>rpm 2250–4000</td>
</tr>
<tr>
<td>Max torque</td>
<td>Nm 270</td>
</tr>
<tr>
<td>at</td>
<td>rpm 1750–4000</td>
</tr>
</tbody>
</table>

#### Electrical System

<table>
<thead>
<tr>
<th>Specification</th>
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</tr>
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<tbody>
<tr>
<td>Battery/installation</td>
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<td>Multi-link axle in lightweight steel construction with separate spring and damper configuration</td>
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<tr>
<td>Brakes, front</td>
<td>Vented disc brakes, with single-piston floating calipers</td>
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<tr>
<td>Brakes, rear</td>
<td>Solid disc brakes, with single-piston floating calipers</td>
</tr>
<tr>
<td>Driving stability systems</td>
<td>Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), ARB technology (actuator contiguous wheel slip limitation), DBC (Dynamic Brake Control), Dry Braking function, fading compensation, Start-Off Assistant, EDLC (Electronic Differential Lock Control), Performance Control, trailer stability control; optional: M Sport suspension, Adaptive suspension</td>
</tr>
<tr>
<td>Safety equipment</td>
<td>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 tensioner and belt force limiter at the front, crash sensors, tyre defect indicator</td>
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<tr>
<td>Steering</td>
<td>Electric Power Steering (EPS) with Servotronic function; optional: M Sport steering</td>
</tr>
<tr>
<td>Steering ratio, overall</td>
<td>:1 15.0</td>
</tr>
<tr>
<td>Tyres, front/rear</td>
<td>205/55 R16 91W 205/55 R16 91W</td>
</tr>
<tr>
<td>Rims, front/rear</td>
<td>7J x 16</td>
</tr>
</tbody>
</table>
### BMW 116d

#### Transmission

<table>
<thead>
<tr>
<th>Type of transmission</th>
<th>Gear ratios</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
</tr>
</thead>
<tbody>
<tr>
<td>Six-speed manual (seven-speed Steptronic dual-clutch transmission)</td>
<td>I</td>
<td>:1</td>
<td>3.923 (16.385)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>II</td>
<td>:1</td>
<td>2.136 (9.664)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>III</td>
<td>:1</td>
<td>1.276 (6.181)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>IV</td>
<td>:1</td>
<td>0.919 (4.327)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>V</td>
<td>:1</td>
<td>0.725 (3.349)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>VI</td>
<td>:1</td>
<td>0.605 (2.663)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>VII</td>
<td>:1</td>
<td>0.385 (-2.158)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>VIII</td>
<td>:1</td>
<td>-</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>R</td>
<td>:1</td>
<td>3.536 (14.994)</td>
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<td></td>
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</table>

**Final drive**: 1 :3.389 (3.944)

#### Performance

<table>
<thead>
<tr>
<th>Power-to-weight ratio (DIN)</th>
<th>kg/kW</th>
<th>16.2 (16.3)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Output per litre</td>
<td>kW/l</td>
<td>56.8</td>
</tr>
<tr>
<td>Acceleration</td>
<td>0–100 km/h</td>
<td>10.3 (10.1)</td>
</tr>
<tr>
<td>In 5th gear</td>
<td>80–120 km/h</td>
<td>11.5 (-)</td>
</tr>
<tr>
<td>Top speed</td>
<td>km/h</td>
<td>200</td>
</tr>
</tbody>
</table>

#### BMW EfficientDynamics

BMW EfficientDynamics standard features include:
- Brake Energy Regeneration with recuperation display
- Electric Power Steering
- Auto Start Stop function
- Optimum Shift Indicator
- ECO PRO mode with coasting function (with automatic transmission)
- Intelligent lightweight construction
- 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
- BMW BluePerformance technology with SCR catalytic converter

#### Fuel Consumption ECE

<table>
<thead>
<tr>
<th>Type</th>
<th>l/100 km</th>
<th>CO₂ g/km</th>
<th>EU6d</th>
</tr>
</thead>
<tbody>
<tr>
<td>Urban</td>
<td>4.5</td>
<td>105–110</td>
<td></td>
</tr>
<tr>
<td>Extra-urban</td>
<td>3.9</td>
<td>110–100</td>
<td></td>
</tr>
<tr>
<td>Combined</td>
<td>4.2–3.8</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

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

---

All figures relating to performance, fuel/electric power consumption and CO₂ emissions are provisional.

The fuel consumption and CO₂ emission figures are determined according to the European Regulation (EC) 2007/715 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 have been 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-Scharnhausen and at https://www.dat.de/co2/.
# BMW 118d

## Body
- **No of doors/seats**: 5/5
- **Length/width/height (unladen)**: 4319/1799/1434 mm
- **Wheelbase**: 2670 mm
- **Track, front/rear**: 1565/1565 mm
- **Ground clearance**: 153 mm
- **Turning circle**: 11.4 m
- **Fuel tank capacity**: approx. 42 l
- **Engine oil**
  - 1 (l)
- **Weight, unladen, to DIN/EU**
  - 1400 (1430) / 1475 (1505) kg
- **Max load to DIN**
  - 550 kg
- **Max permissible weight**
  - 1950 (1980) kg
- **Max axle load, front/rear**
  - 1050 (1080)/980 kg
- **Max trailer load, braked (12%)/unbraked**
  - 1300/735 (750) kg
- **Max roofload/max towbar download**
  - 75/75 kg
- **Luggage comp capacity**
  - 380–1200 l
- **Air resistance**
  - \( c_d \times A \) 0.26 x 2.19

## Power Unit
- **Config/No of cyls/valves**: In-line/4/4
- **Engine technology**: BMW TwinPower Turbo technology: multi-stage turbocharging, turbocharger with variable inlet geometry, common-rail direct injection with piezo injectors (max. injection pressure: 2000 bar)
- **Effective capacity**: 1995 cc
- **Stroke/bore**: 90.0/84.0 mm
- **Compression ratio**: 16.5 :1
- **Fuel**: Diesel
- **Max output**
  - kW/ hp: 110/150
  - at rpm: 2500–4000
- **Max torque**
  - Nm: 350
  - at rpm: 1750–4000

## Electrical System
- **Battery/installation**: 70/– engine compartment

## Driving Dynamics and Safety
- **Suspension, front**: Single-joint spring strut axle in lightweight aluminium-steel construction
- **Suspension, rear**: Multi-link axle in lightweight steel construction with separate spring and damper configuration
- **Brakes, front**: Vented disc brakes, with single-piston floating callipers
- **Brakes, rear**: Solid disc brakes, with single-piston floating callipers
- **Driving stability systems**: Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), ARB technology (actuator contiguous wheel slip limitation), DBC (Dynamic Brake Control), Dry Braking function, fading compensation, Start-Off Assistant, EDLC (Electronic Differential Lock Control), Performance Control, trailer stability control; optional: M Sport suspension, Adaptive 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 tensioner and belt force limiter at the front, crash sensors, tyre defect indicator
- **Steering**: Electric Power Steering (EPS) with Servotronic function; optional: M Sport steering
- **Steering ratio, overall**: 15.0
- **Tyres, front/rear**: 205/55 R16 91W
- **Rims, front/rear**: 7J x 16
## Transmission

<table>
<thead>
<tr>
<th>Type of transmission</th>
<th>Six-speed manual (eight-speed Steptronic transmission)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gear ratios</td>
<td></td>
</tr>
<tr>
<td>I :1</td>
<td>3.923 (5.519)</td>
</tr>
<tr>
<td>II :1</td>
<td>2.136 (3.184)</td>
</tr>
<tr>
<td>III :1</td>
<td>1.276 (2.050)</td>
</tr>
<tr>
<td>IV :1</td>
<td>0.919 (1.492)</td>
</tr>
<tr>
<td>V :1</td>
<td>0.725 (1.235)</td>
</tr>
<tr>
<td>VI :1</td>
<td>0.605 (1.000)</td>
</tr>
<tr>
<td>VII :1</td>
<td>- (0.801)</td>
</tr>
<tr>
<td>VIII :1</td>
<td>- (0.873)</td>
</tr>
<tr>
<td>R :1</td>
<td>3.538 (4.221)</td>
</tr>
</tbody>
</table>

Final drive: 1:3.389 (2.666)

### Performance

- Power-to-weight ratio (DIN) kg/kW: 12.7 (13.0)
- Output per litre kW/l: 55.1
- Acceleration 0–100 km/h s: 8.5 (8.4)
- In 5th gear 80–120 km/h s: 10.6 (+)
- Top speed km/h: 218 (216)

### BMW EfficientDynamics

- Brake Energy Regeneration with recuperation display
- Electric Power Steering
- Auto Start Stop function
- Optimum Shift Indicator
- ECO PRO mode with coasting function (with automatic transmission)
- Intelligent lightweight construction
- 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
- BMW BluePerformance technology with SCR catalytic converter

### Fuel Consumption ECE[2]

<table>
<thead>
<tr>
<th></th>
<th>l/100 km</th>
</tr>
</thead>
<tbody>
<tr>
<td>Urban</td>
<td>4.8</td>
</tr>
<tr>
<td>Extra-urban</td>
<td>3.8</td>
</tr>
<tr>
<td>Combined</td>
<td>4.4–4.1</td>
</tr>
</tbody>
</table>

Emission rating: EU6d-TEMP

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

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

All figures relating to performance, fuel/electric power consumption and CO2 emissions are provisional.

The fuel consumption and CO2 emission figures are determined according to the European Regulation (EC) 2007/715 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.

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**The all-new BMW 1 Series. 120d xDrive.**

**BMW 120d xDrive**

<table>
<thead>
<tr>
<th>Body</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>No of doors/seats</td>
<td>5/5</td>
</tr>
<tr>
<td>Length/width/height (unladen) mm</td>
<td>4319/1799/1434</td>
</tr>
<tr>
<td>Wheelbase mm</td>
<td>2670</td>
</tr>
<tr>
<td>Track, front/rear mm</td>
<td>1561/1561</td>
</tr>
<tr>
<td>Ground clearance mm</td>
<td>153</td>
</tr>
<tr>
<td>Turning circle m</td>
<td>11.4</td>
</tr>
<tr>
<td>Fuel tank capacity approx. l</td>
<td>50</td>
</tr>
<tr>
<td>Engine oil l</td>
<td>5.5</td>
</tr>
<tr>
<td>Weight, unladen, to DIN/EU kg</td>
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</tr>
<tr>
<td>Max load to DIN kg</td>
<td>550</td>
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<tr>
<td>Max permissible weight kg</td>
<td>2065</td>
</tr>
<tr>
<td>Max axle load, front/rear kg</td>
<td>1105/1020</td>
</tr>
<tr>
<td>Max trailer load, braked (12%)/unbraked kg</td>
<td>1500/750</td>
</tr>
<tr>
<td>Max roofload/max towbar download kg</td>
<td>75/75</td>
</tr>
<tr>
<td>Luggage comp capacity l</td>
<td>380–1200</td>
</tr>
<tr>
<td>Air resistance $c_d \times A$</td>
<td>0.27 x 2.19</td>
</tr>
</tbody>
</table>

| Power Unit |  |
| Config/No of cyls/valves | In-line/4/4 |
| Engine technology | BMW TwinPower Turbo technology: multi-stage turbocharging, turbocharger with variable inlet geometry, common-rail direct injection with piezo injectors (max. injection pressure: 2000 bar) |
| Effective capacity cc | 1995 |
| Stroke/bore mm | 94.0/84.0 |
| Compression ratio :1 | 16.5 |
| Fuel | Diesel |
| Max output kW/hp | 140/190 |
| at rpm | 2500–4000 |
| Max torque Nm | 400 |
| at rpm | 1750–4000 |

| Electrical System |  |
| Battery/installation | 70/ engine compartment |

| Driving Dynamics and Safety |  |
| Suspension, front | Single-joint spring strut axle in lightweight aluminium-steel construction |
| Suspension, rear | Multi-link axle in lightweight steel construction with separate spring and damper configuration |
| 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, ASC and DTC (Dynamic Traction Control), ARB technology (actuator contiguous wheel slip limitation), all-wheel-drive system xDrive linked with DSC, DBC (Dynamic Brake Control), Dry Braking function, fading compensation, Start-Off Assistant, EDLC (Electronic Differential Lock Control), Performance Control, trailer stability control; optional: M Sport suspension, Adaptive 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 tensiplier and belt force limiter at the front, crash sensors, tyre defect indicator |
| Steering | Electric Power Steering (EPS) with Servotronic function; optional: M Sport steering |
| Steering ratio, overall :1 | 15.0 |
| Tyres, front/rear | 225/45 R17 41Y XL |
| Rims, front/rear | 7.5J x 17 light-alloy |
## Transmission

<table>
<thead>
<tr>
<th>Gear ratios</th>
<th>Type of transmission</th>
<th>Eight-speed Steptronic transmission</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>:1</td>
<td>5.519</td>
</tr>
<tr>
<td>II</td>
<td>:1</td>
<td>3.184</td>
</tr>
<tr>
<td>III</td>
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<td>2.050</td>
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<td>IV</td>
<td>:1</td>
<td>1.492</td>
</tr>
<tr>
<td>V</td>
<td>:1</td>
<td>1.235</td>
</tr>
<tr>
<td>VI</td>
<td>:1</td>
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<td>VII</td>
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<tr>
<td>R</td>
<td>:1</td>
<td>4.221</td>
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</table>

**Final drive:** :1 2.666

## Performance

<table>
<thead>
<tr>
<th>Performance</th>
<th>kg/kW</th>
<th>kW/l</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power-to-weight ratio (DIN)</td>
<td>10.8</td>
<td></td>
</tr>
<tr>
<td>Output per litre</td>
<td>70.2</td>
<td></td>
</tr>
<tr>
<td>Acceleration</td>
<td>0–100 km/h</td>
<td>s</td>
</tr>
<tr>
<td>Top speed</td>
<td>km/h</td>
<td>230</td>
</tr>
</tbody>
</table>

## BMW EfficientDynamics

The BMW 120d xDrive features Brake Energy Regeneration with recuperation display, Electric Power Steering, Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function (with automatic transmission), intelligent lightweight construction, optimised aerodynamic attributes, active air flap control, on-demand operation of auxiliary units, map-regulated oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance, and BMW BluePerformance technology with SCR catalytic converter.

## Fuel Consumption ECE

<table>
<thead>
<tr>
<th>Specifications</th>
<th>Urban l/100 km</th>
<th>Extra-urban l/100 km</th>
<th>Combined l/100 km</th>
<th>CO₂ g/km</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>5.1</td>
<td>4.1</td>
<td>4.7–4.5</td>
<td>124–117</td>
</tr>
</tbody>
</table>

Emission rating: EU6d-TEMP

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Output and torque diagrams.
The all-new BMW 1 Series.
118i.
The all-new BMW 1 Series.
M135i xDrive.
The all-new BMW 1 Series.  
116d.

**Engine Performance Characteristics**

- **270 Nm @ 1750-2250 rpm**
- **85 kW @ 4000 rpm**
The all-new BMW 1 Series
118d.

350 Nm @ 1750–2500 rpm

110 kW @ 4000 rpm
The all-new BMW 1 Series.
120d xDrive.
Output and torque diagrams.
The all-new BMW 1 Series.