

# Specifications.

## BMW 1 Series 3 Door Hatch.

### M135i xDrive



| BMW M135i xDrive                               |                                                                                                                                                                                                                                                                                                            |                                      |
|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|
| <b>Body</b>                                    |                                                                                                                                                                                                                                                                                                            |                                      |
| Number of doors/seats                          |                                                                                                                                                                                                                                                                                                            | 3 / 4 (5)                            |
| Length/Width/Height <sup>1)</sup> (unladen)    | mm                                                                                                                                                                                                                                                                                                         | 4340 / 1765 / 1411                   |
| Wheelbase                                      | mm                                                                                                                                                                                                                                                                                                         | 2690                                 |
| Track front/rear                               | mm                                                                                                                                                                                                                                                                                                         | 1512 / 1532                          |
| Ground clearance                               | mm                                                                                                                                                                                                                                                                                                         | 130                                  |
| Turning circle                                 | m                                                                                                                                                                                                                                                                                                          | 11.3                                 |
| Tank capacity                                  | approx. l                                                                                                                                                                                                                                                                                                  | 52                                   |
| Cooling system incl. heating                   | l                                                                                                                                                                                                                                                                                                          | 7.2                                  |
| Engine oil <sup>2)</sup>                       | l                                                                                                                                                                                                                                                                                                          | 6.5                                  |
| Weight, unladen, to DINEU                      | kg                                                                                                                                                                                                                                                                                                         | 1515 / 1590                          |
| Max. load to DIN                               | kg                                                                                                                                                                                                                                                                                                         | 530                                  |
| Max. perm. weight, overall                     | kg                                                                                                                                                                                                                                                                                                         | 2045                                 |
| Max perm axle load front/rear                  | kg                                                                                                                                                                                                                                                                                                         | 1010 / 1110                          |
| Max perm trailer load (12%)<br>braked/unbraked | kg                                                                                                                                                                                                                                                                                                         | - / -                                |
| Perm roof load/trail download                  | kg                                                                                                                                                                                                                                                                                                         | 75 / -                               |
| Luggage capacity                               | l                                                                                                                                                                                                                                                                                                          | 360 – 1200                           |
| Air resistance                                 | c <sub>x</sub> x A                                                                                                                                                                                                                                                                                         | 0.34 x 2.14                          |
| <b>Engine</b>                                  |                                                                                                                                                                                                                                                                                                            |                                      |
| Configuration/No. of cyls. /valves             |                                                                                                                                                                                                                                                                                                            | R / 6 / 4                            |
| Engine technology                              | M TwinPower Turbo technology with Twin Scroll turbocharger, direct injection system High Precision Injection, fully variable valve control (VALVETRONIC) and double VANOS variable camshaft timing                                                                                                         |                                      |
| Capacity                                       | cc                                                                                                                                                                                                                                                                                                         | 2979                                 |
| Stroke/bore                                    | mm                                                                                                                                                                                                                                                                                                         | 89.6 / 84.0                          |
| Compression ratio                              | :1                                                                                                                                                                                                                                                                                                         | 10.2                                 |
| Fuel grade                                     |                                                                                                                                                                                                                                                                                                            | At least ROZ 91                      |
| Max output                                     | kW/hp                                                                                                                                                                                                                                                                                                      | 235 / 320                            |
| at                                             | rpm                                                                                                                                                                                                                                                                                                        | 5800                                 |
| Max torque                                     | Nm                                                                                                                                                                                                                                                                                                         | 450                                  |
| at                                             | rpm                                                                                                                                                                                                                                                                                                        | 1300 – 4500                          |
| <b>Electrical system</b>                       |                                                                                                                                                                                                                                                                                                            |                                      |
| Battery/installation                           | Ah/-                                                                                                                                                                                                                                                                                                       | 80 / luggage comp                    |
| Alternator                                     | A/W                                                                                                                                                                                                                                                                                                        | 170 / 2380                           |
| <b>Driving dynamics and safety</b>             |                                                                                                                                                                                                                                                                                                            |                                      |
| Suspension, front                              | Double-joint spring-strut axle, aluminium with M-specific geometry                                                                                                                                                                                                                                         |                                      |
| Suspension, rear                               | Five-link rear axle, light steel, with double elastic bearings                                                                                                                                                                                                                                             |                                      |
| Brakes, front                                  | Four-piston aluminium floating-calliper                                                                                                                                                                                                                                                                    |                                      |
| Diameter                                       | mm                                                                                                                                                                                                                                                                                                         | <sup>3)</sup> / vented               |
| Brakes, rear                                   | Two-piston aluminium floating-calliper                                                                                                                                                                                                                                                                     |                                      |
| Diameter                                       | mm                                                                                                                                                                                                                                                                                                         | <sup>3)</sup> / vented               |
| Driving stability systems                      | Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant, DSC networked with xDrive all-wheel-drive system within the Integrated Chassis Management                     |                                      |
| Safety features                                | Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for front and rear seats, three-point inertia-reel seatbelts on all seats with belt latch tensioner and belt force limiter integrated in the front seats, crash sensors, Tyre Defect Indicator |                                      |
| Steering                                       | Electric Power Steering (EPS), variable sports steering                                                                                                                                                                                                                                                    |                                      |
| Overall steering transmission                  | :1                                                                                                                                                                                                                                                                                                         | 14.6                                 |
| Tyres front/rear                               |                                                                                                                                                                                                                                                                                                            | 225/40 R18 88Y/<br>245/35 R18 92Y XL |
| Wheels front/rear                              |                                                                                                                                                                                                                                                                                                            | 7.5J x 18 LM/<br>8J x 18 LM          |

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| BMW M135i xDrive                           |             |                                                                                                                                                                                                                                                                                                                                                                                        |       |
|--------------------------------------------|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| BMW ConnectedDrive                         |             |                                                                                                                                                                                                                                                                                                                                                                                        |       |
| Comfort                                    |             | Optional: BMW Assist incl. Enquiry Service, remote-control functions, Real Time Traffic Information, BMW TeleServices, integration of mobile devices                                                                                                                                                                                                                                   |       |
| Infotainment                               |             | Optional: Internet access, BMW Online incl. Park Info, National Info, Google Local Search, News, Real-Time Weather, BMW Routes, Office functions, Bluetooth Audio Streaming, Online Update Music Tracks, Apps                                                                                                                                                                          |       |
| Safety                                     |             | Optional: Adaptive Headlights with cornering lights, variable light distribution and adaptive headlight range control, High Beam Assistant, Park Distance Control, rear-view camera, Active Cruise Control with braking function, Parking Assistant, Lane Departure Warning with rear-end collision warning, Speed Limit Info incl. No Passing Info, Automatic/Advanced Emergency Call |       |
| Transmission                               |             |                                                                                                                                                                                                                                                                                                                                                                                        |       |
| Type                                       |             | eight-speed automatic with Steptronic                                                                                                                                                                                                                                                                                                                                                  |       |
| Gear ratios                                | I           |                                                                                                                                                                                                                                                                                                                                                                                        | 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 |
| Final drive                                |             | :1                                                                                                                                                                                                                                                                                                                                                                                     | 3.077 |
| Performance                                |             |                                                                                                                                                                                                                                                                                                                                                                                        |       |
| Power-to-weight ratio (DIN)                |             | kg/kW                                                                                                                                                                                                                                                                                                                                                                                  | 6.4   |
| Output per litre                           |             | kW/l                                                                                                                                                                                                                                                                                                                                                                                   | 78.9  |
| Acceleration                               | 0–100 km/h  | s                                                                                                                                                                                                                                                                                                                                                                                      | 4.7   |
|                                            | 0–1000 m    | s                                                                                                                                                                                                                                                                                                                                                                                      | 23.6  |
| In 4 <sup>th</sup> /5 <sup>th</sup> gear   | 80–120 km/h | s                                                                                                                                                                                                                                                                                                                                                                                      | – / – |
| Top speed                                  |             | km/h                                                                                                                                                                                                                                                                                                                                                                                   | 250   |
| BMW EfficientDynamics                      |             |                                                                                                                                                                                                                                                                                                                                                                                        |       |
| BMW EfficientDynamics measures as standard |             | Brake Energy Regeneration, Electric Power Steering (EPS), Auto Start Stop function, ECO PRO mode, intelligent lightweight construction, on-demand operation of ancillary units, air flap control, map-controlled oil pump, final drive with optimised warm-up behaviour, weight and efficiency-optimised power divider                                                                 |       |
| Fuel consumption EU                        |             |                                                                                                                                                                                                                                                                                                                                                                                        |       |
| Urban                                      |             | l/100 km                                                                                                                                                                                                                                                                                                                                                                               | 10.8  |
| Extra-urban                                |             | l/100 km                                                                                                                                                                                                                                                                                                                                                                               | 6.1   |
| Composite                                  |             | l/100 km                                                                                                                                                                                                                                                                                                                                                                               | 7.8   |
| CO <sub>2</sub>                            |             | g/km                                                                                                                                                                                                                                                                                                                                                                                   | 182   |
| Emissions classification                   |             |                                                                                                                                                                                                                                                                                                                                                                                        | EU5   |

Technical data valid for ACEA markets/part of data relevant to homologation only apply to Germany (weights)

<sup>1)</sup> Height including roof fin: 1430 mm

<sup>2)</sup> Oil change quantity

<sup>3)</sup> Information not yet available