

# The new BMW 1 Series model range. Contents.



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# 1. Compact driving pleasure – efficient, innovative, one of a kind. The new BMW 1 Series model range. (Short version)

An extensively modified front- and rear-end design, a sophisticated premium ambience when you step inside and fresh reserves of power under the bonnet are all part of the even more expressive, sporting and efficiency-focused skillset of the new BMW 1 Series model range (fuel consumption combined: 8.0 – 3.4 litres/100 km [35.3 – 83.1 mpg imp]; CO<sub>2</sub> emissions combined: 188 – 89 g/km). Almost two million units of the BMW 1 Series have been sold worldwide over the last ten years, and this latest edition is poised to set another new benchmark in driving pleasure in the premium compact segment. The new 3-door and 5-door BMW 1 Series models come with a comprehensively revised engine line-up and additional measures designed to reduce fuel consumption and emissions, allowing them to lead the way once again in the introduction of new BMW EfficientDynamics technology.

The selection of engines available for the new BMW 1 Series model range has been enhanced by the addition of latest-generation petrol and diesel units with three and four cylinders. The torquey and high-revving engines with BMW TwinPower Turbo technology team up with rear-wheel drive – still a unique selling point in the compact segment – to deliver a suitably intense driving experience. And an even broader spread of standard equipment, an output boost for the six-cylinder in-line engine powering the BMW M135i M Performance Automobile and cutting-edge innovations from BMW ConnectedDrive also imbue the brand's hallmark characteristics with renewed vigour.

## **Modified exterior and interior design includes familiar BMW styling cues underlining sports performance and premium characteristics.**

Carefully considered updates to the exterior design of the new BMW 1 Series shine the spotlight on its sporting elegance and high-end presence. A newly designed BMW kidney grille and larger air intakes help to emphasise the car's dynamic potential in familiar BMW style. Headlights with a significantly flatter geometry play a similar role. They come with LED daytime driving lights as standard and can now be specified in full-LED specification as an option. The rear lights have also been completely remodelled. They now display the "L" shape characteristic of BMW models and reveal LED-powered lights. Elsewhere, the sophisticated design of the upper centre console with the controls for the radio and climate control system is foremost in accentuating the premium ambience on board the new BMW 1 Series.

**Automatic air conditioning, BMW Radio Professional and BMW iDrive fitted as standard; new equipment variants.**

Standard equipment for the new BMW 1 Series model range now also features automatic air conditioning, a rain sensor, the BMW Radio Professional and the iDrive operating system, complete with a high-resolution 6.5-inch display integrated in the instrument panel as a freestanding monitor. And the Advantage, Sport Line, Urban Line and M Sport packages available as an alternative to standard specification provide fresh scope for targeted individualisation.

**New generation of engines, new benchmarks in efficiency.**

An extensively updated line-up of engines and extended BMW EfficientDynamics technology ensure that the new BMW 1 Series model range once again sets new standards in its class by further reducing fuel consumption and emissions. BMW 1 Series customers will now be offered three- and four-cylinder power units from the BMW Group's new engine family. The new efficiency pacesetter in the brand's model range is the BMW 116d EfficientDynamics Edition with 85 kW/116 hp and average fuel consumption of 3.4 litres/100 kilometres (83.1 mpg imp) combined with CO<sub>2</sub> emissions of 89 g/km in the EU test cycle.

As an alternative to the standard six-speed manual gearbox, there is the option of an eight-speed Steptronic transmission (standard in the BMW 125d, BMW 120d xDrive and BMW M135i xDrive). The latest version of the automatic unit now also offers transmission management supported by navigation data.

A 5 kW increase in output (to 240 kW/326 hp) from its six-cylinder in-line engine allows the new BMW M135i (average fuel consumption: 8.0 litres/100 km [35.3 mpg imp]; CO<sub>2</sub> emissions combined: 188 g/km) to strengthen its position as the elite sports performer in the BMW 1 Series' competitive segment. Like the BMW 120d and BMW 118d, the BMW M Performance Automobile can also be specified with the intelligent all-wheel-drive system xDrive which, as well as serving the causes of traction and directional stability, also enhances the car's dynamics. The new BMW M135i xDrive (average fuel consumption: 7.8 litres/100 km [36.2 mpg imp]; CO<sub>2</sub> emissions combined: 182 g/km) sprints from 0 to 100 km/h (62 mph) in just 4.7 seconds.

### **Sophisticated chassis technology, Tyre Pressure Indicator fitted as standard.**

Advanced chassis technology teams up with rear-wheel drive and an almost perfect (50 : 50) distribution of weight between the front and rear axles to give the new BMW 1 Series unmistakable handling traits headlined by agility and dynamic excellence. Options include adaptive suspension, M Sport suspension, Variable Sports Steering and an M Sport braking system. A Tyre Pressure Indicator showing each individual wheel is now part of the standard specification.

### **New assistance systems and services from BMW ConnectedDrive.**

The selection of optional driver assistance systems from BMW ConnectedDrive available for the BMW 1 Series now also includes the radar-based Active Cruise Control system with Stop & Go function. The latest-generation Parking Assistant now enables parallel parking in tight spaces restricted either by two obstacles or on one side only, as well as automatic transverse parking. Features such as the camera-based Driving Assistant, rear-view camera and Speed Limit Info system with No Passing Info display can also be specified.

All models in the new BMW 1 Series line-up come as standard with an embedded SIM card, which allows use of the likewise standard Intelligent Emergency Call and BMW TeleServices functions, as well as access to optional internet-based mobility services. In addition to BMW Online and Real Time Traffic Information, customers can also enjoy the Online entertainment function. Further online services can be integrated into the car using smartphone apps and operated safely, intuitively and conveniently via the iDrive system. Meanwhile, the new Navigation system Professional also offers automatic map updating by mobile phone via the embedded SIM card, which is free of charge to customers for the first three years following registration of the car.

Further information on official fuel consumption figures, specific CO<sub>2</sub> emission values and the electric power consumption of new passenger cars is included in the following guideline: "Leitfaden über Kraftstoffverbrauch, die CO<sub>2</sub> emissions and den Stromverbrauch neuer Personenkraftwagen" (Guideline for fuel consumption, CO<sub>2</sub> emissions and electric power consumption of new passenger cars), which can be obtained from all dealerships, from Deutsche Automobil Treuhand GmbH (DAT), Hellmuth-Hirth-Str. 1, 73760 Ostfildern-Scharnhausen and at <http://www.dat.de/en/offers/publications/guideline-for-fuel-consumption.html>. LeitfadenCO<sub>2</sub> (GuidelineCO<sub>2</sub>) (PDF – 2.7 MB)

## 2. At a glance.



- New edition of the BMW 1 Series, almost two million examples of which have been sold in the last ten years; new 5-door and 3-door models with extensively modified exterior design, sophisticated premium ambience in the interior and additional equipment variants; strengthening of position as a paragon of sporting excellence and pioneer of efficiency in the compact segment; introduction of the BMW Group's new generation of engines and additional, standard-fitted BMW EfficientDynamics technology; superior agility and dynamics are the result of powerful engines with BMW TwinPower Turbo technology, rear-wheel drive (unique in this segment), even weight distribution and advanced chassis technology; enhanced premium character is boosted by extended standard equipment; new driver assistance systems and mobility services from BMW ConnectedDrive.
- Sporting presence enhanced by the new, flat geometry of the headlight units, newly designed BMW kidney grille and larger air intakes.
- Headlights now come as standard with LED daytime driving lights; full-LED headlights available as an option for the first time.
- New, two-section rear lights in familiar BMW "L" shape with LED lighting.
- High-quality controls for the radio and climate control system with chrome trim and high-gloss black surfaces.
- Standard equipment now also includes automatic air conditioning, a rain sensor, BMW Radio Professional and iDrive operating system with high-resolution 6.5-inch built-in monitor.
- Precise individualisation: Advantage, Sport Line, Urban Line and M Sport packages available as alternatives to standard specification.
- BMW M135i M Performance Automobile with six-cylinder in-line engine and output boosted by 5 kW to 240 kW/326 hp, plus exclusive design and equipment features.

- New three- and four-cylinder power units from the BMW Group's latest generation of engines.
- New BMW 116d EfficientDynamics Edition with 85 kW/116 hp and EU fuel consumption of 3.4 litres per 100 kilometres (83.1 mpg imp) combined with CO<sub>2</sub> emissions of 89 g/km is the efficiency leader in the BMW model range.
- Six-speed manual gearbox and eight-speed Steptronic transmission have optimised efficiency; responses of eight-speed Steptronic transmission linked to navigation data.
- ECO PRO mode now model-specific, including a coasting function in conjunction with the eight-speed Steptronic transmission and Proactive Driving Assistant if the navigation system is selected.
- Extended range of BMW ConnectedDrive features: Intelligent Emergency Call and BMW TeleServices via standard-fitted SIM card. Available as an option: Active Cruise Control system with Stop & Go function, Parking Assistant now also with automatic transverse parking, navigation data updates via mobile phone connection.
- Model variants:
  - BMW M135i:** Six-cylinder in-line petrol engine with M Performance TwinPower Turbo technology (TwinScroll turbocharging, High Precision Direct Injection, VALVETRONIC variable valve timing, Double-VANOS). Capacity: 2,979 cc, output: 240 kW/326 hp at 5,800 – 6,000 rpm, max. torque: 450 Nm (332 lb-ft) at 1,300 – 4,500 rpm. Acceleration [0 – 100 km/h / 62 mph]: 5.1 seconds (automatic: 4.9 seconds), top speed: 250 km/h (155 mph). Average fuel consumption: 8.0 litres (7.5 litres)/100 kilometres [35.3 (37.7) mpg imp], CO<sub>2</sub> emissions: 188 g/km (175 g/km), exhaust standard: EU6.
  - BMW M135i xDrive:** Six-cylinder in-line petrol engine with M Performance TwinPower Turbo technology (TwinScroll turbocharging, High Precision Direct Injection, VALVETRONIC variable valve timing, Double-VANOS). Capacity: 2,979 cc, output: 240 kW/326 hp at 5,800 – 6,000 rpm, max. torque: 450 Nm (332 lb-ft) at 1,300 – 4,500 rpm. Acceleration [0 – 100 km/h / 62 mph]: 4.7 seconds, top speed: 250 km/h (155 mph).

Average fuel consumption: 7.8 litres/100 kilometres (36.2 mpg imp),  
CO<sub>2</sub> emissions: 182 g/km, exhaust standard: EU6.

**BMW 125i:** Four-cylinder in-line petrol engine with BMW TwinPower Turbo technology (TwinScroll turbocharging, High Precision Direct Injection, VALVETRONIC variable valve timing, Double-VANOS). Capacity: 1,997 cc, output: 160 kW/218 hp at 5,000 rpm, max. torque: 310 Nm (229 lb-ft) at 1,350 – 4,800 rpm. Acceleration [0 – 100 km/h / 62 mph]: 6.4 seconds (automatic: 6.2 seconds), top speed: 245 km/h (243 km/h) [152 (151) mph]. Average fuel consumption: 6.7 – 6.6 litres (6.5 – 6.3 litres)/100 kilometres [42.2 – 42.8 (43.5 – 44.8) mpg imp], CO<sub>2</sub> emissions: 157 – 154 g/km (151 – 148 g/km), exhaust standard: EU6.

**BMW 120i:** Four-cylinder in-line petrol engine with BMW TwinPower Turbo technology (TwinScroll turbocharging, High Precision Direct Injection, VALVETRONIC variable valve timing, Double-VANOS). Capacity: 1,598 cc, output: 130 kW/177 hp at 4,400 – 6,450 rpm, max. torque: 250 Nm (184 lb-ft) at 1,500 – 4,500 rpm. Acceleration [0 – 100 km/h / 62 mph]: 7.4 seconds (automatic: 7.2 seconds), top speed: 225 km/h (222 km/h) [140 (138) mph]. Average fuel consumption\*: 6.0 – 5.7 litres (5.9 – 5.6 litres)/100 kilometres [47.1 – 49.6 (47.9 – 50.4) mpg imp], CO<sub>2</sub> emissions\*: 139 – 132 g/km (137 – 129 g/km), exhaust standard: EU6.

**BMW 118i:** Four-cylinder in-line petrol engine with BMW TwinPower Turbo technology (TwinScroll turbocharging, High Precision Direct Injection, VALVETRONIC variable valve timing, Double-VANOS). Capacity: 1,598 cc, output: 100 kW/136 hp at 4,400 – 6,450 rpm, max. torque: 220 Nm (162 lb-ft) at 1,350 – 4,300 rpm. Acceleration [0 – 100 km/h / 62 mph]: 8.5 seconds (automatic: 8.7 seconds), top speed: 210 km/h (210 km/h) [130 (130) mph]. Average fuel consumption\*: 5.7 – 5.4 litres (5.9 – 5.6 litres)/100 kilometres [49.6 – 52.3 (47.9 – 50.4) mpg imp], CO<sub>2</sub> emissions\*: 133 – 125 g/km (137 – 129 g/km), exhaust standard: EU6.

**BMW 116i:** Three-cylinder petrol engine with BMW TwinPower Turbo

technology (turbocharger, High Precision Direct Injection, VALVETRONIC variable valve timing, Double-VANOS).

Capacity: 1,499 cc, output: 80 kW/109 hp at 4,500 – 6,000 rpm, max. torque: 180 Nm (133 lb-ft) at 1,250 rpm.

Acceleration [0 – 100 km/h / 62 mph]: 10.9 seconds,

top speed: 195 km/h (121 mph).

Average fuel consumption\*: 5.4 – 5.0 litres/100 kilometres (52.3 – 56.4 mpg imp),

CO<sub>2</sub> emissions\*: 126 – 116 g/km, exhaust standard: EU6.

**BMW 125d:** Four-cylinder in-line diesel engine with BMW TwinPower Turbo technology (multi-stage high-pressure turbocharging with variable turbine geometry, common rail direct injection with solenoid valve injectors, max. injection pressure: 2,500 bar).

Capacity: 1,995 cc, output: 165 kW/224 hp at 4,400 rpm, max. torque: 450 Nm (332 lb-ft) at 1,500 – 3,000 rpm.

Acceleration [0 – 100 km/h / 62 mph]: 6.3 seconds,

top speed: 240 km/h (149 mph).

Average fuel consumption\*: 4.6 – 4.3 litres/100 kilometres (61.4 – 65.7 mpg imp),

CO<sub>2</sub> emissions\*: 121 – 114 g/km, exhaust standard: EU6.

**BMW 120d:** Four-cylinder in-line diesel engine with BMW TwinPower Turbo technology (turbocharger with variable turbine geometry, common rail direct injection with solenoid valve injectors, max. injection pressure: 2,000 bar).

Capacity: 1,995 cc, output: 140 kW/190 hp at 4,000 rpm, max. torque: 400 Nm (295 lb-ft) at 1,750 – 2,500 rpm.

Acceleration [0 – 100 km/h / 62 mph]: 7.1 seconds (automatic: 7.0 seconds),

top speed: 228 km/h (228 km/h) [142 (142) mph].

Average fuel consumption\*: 4.5 – 4.1 litres (4.3 – 3.9 litres)/100 kilometres [62.77 – 68.9 (65.7 – 72.4) mpg imp],

CO<sub>2</sub> emissions\*: 118 – 108 g/km (114 – 103 g/km), exhaust standard: EU6.

**BMW 120d xDrive:** Four-cylinder in-line diesel engine with BMW TwinPower Turbo technology (turbocharger with variable turbine geometry, common rail direct injection with solenoid valve injectors, max. injection pressure: 2,000 bar).

Capacity: 1,995 cc, output: 140 kW/190 hp at 4,000 rpm, max. torque: 400 Nm (295 lb-ft) at 1,750 – 2,500 rpm.

Acceleration [0 – 100 km/h / 62 mph]: 6.8 seconds,

top speed: 222 km/h (138 mph).

Average fuel consumption\*: 4.7 – 4.3 litres/100 kilometres (60.1 – 65.7 mpg imp),

CO<sub>2</sub> emissions\*: 124 – 113 g/km, exhaust standard: EU6.

**BMW 118d:** Four-cylinder in-line diesel engine with BMW TwinPower Turbo technology (turbocharger with variable turbine geometry, common rail direct injection with solenoid valve injectors, max. injection pressure: 2,000 bar).

Capacity: 1,995 cc, output: 110 kW/150 hp at 4,000 rpm,

max. torque: 320 Nm (236 lb-ft) at 1,500 – 3,000 rpm,

Acceleration [0 – 100 km/h / 62 mph]: 8.3 seconds (automatic: 8.1 seconds),

top speed: 212 km/h (212 km/h) [132 (132) mph].

Average fuel consumption\*: 4.3 – 4.0 litres (4.2 – 3.8 litres)/100 kilometres [65.7 – 70.6 (67.3 – 74.3) mpg imp],

CO<sub>2</sub> emissions\*: 114 – 104 g/km (110 – 99 g/km), exhaust standard: EU6.

**BMW 118d xDrive:** Four-cylinder in-line diesel engine with BMW TwinPower Turbo technology (turbocharger with variable turbine geometry, common rail direct injection with solenoid valve injectors, max. injection pressure: 2,000 bar).

Capacity: 1,995 cc, output: 110 kW/150 hp at 4,000 rpm,

max. torque: 320 Nm (236 lb-ft) at 1,500 – 3,000 rpm.

Acceleration [0 – 100 km/h / 62 mph]: 8.4 seconds,

top speed: 210 km/h (130 mph).

Average fuel consumption\*: 4.7 – 4.3 litres/100 kilometres [60.1 – 65.7 mpg imp],

CO<sub>2</sub> emissions\*: 123 – 113 g/km, exhaust standard: EU6.

**BMW 116d:** Three-cylinder diesel engine with BMW TwinPower Turbo technology (turbocharger with variable turbine geometry, common rail direct injection with solenoid valve injectors, max. injection pressure: 2,000 bar).

Capacity: 1,496 cc, output: 85 kW/116 hp at 4,000 rpm,

max. torque: 270 Nm (199 lb-ft) at 1,750 – 2,250 rpm.

Acceleration [0 – 100 km/h / 62 mph]: 10.3 seconds (automatic: 10.3 seconds),

top speed: 200 km/h (200 km/h) [124 / 124 mph].

Average fuel consumption\*: 4.1 – 3.7 litres (4.1 – 3.6 litres)/100 kilometres [68.9 – 76.4 (68.9 – 78.5) mpg imp],

CO<sub>2</sub> emissions\*: 107 – 97 g/km (107 – 96 g/km), exhaust standard: EU6.

**BMW 116d EfficientDynamics Edition:** Three-cylinder diesel engine with BMW TwinPower Turbo technology (turbocharger with variable turbine geometry, common rail direct injection with solenoid valve injectors, max. injection pressure: 2,000 bar).

Capacity: 1,496 cc, output: 85 kW/116 hp at 4,000 rpm,  
max. torque: 270 Nm (199 lb-ft) at 1,750 – 2,250 rpm.

Acceleration [0 – 100 km/h / 62 mph]: 10.4 seconds,  
top speed: 195 km/h (121 mph).

Average fuel consumption: 3.8 – 3.4 litres/100 kilometres (74.3 –  
83.1 mpg imp),

CO<sub>2</sub> emissions: 101 – 89 g/km, exhaust standard: EU6.

\*Figures according to EU test cycle, may vary depending on the tyre format specified.

### 3. The design: Unmistakably sporty.



- **Front end with greater presence thanks to larger BMW kidney grille and new headlights with dynamic contours (now also available in full-LED specification as an option).**
- **Sporty, elegant rear-end design with two-piece lights in familiar BMW “L” shape and LED technology.**
- **Precise interior refinements, controls for the radio and automatic air conditioning with chrome trim and high-gloss panel.**

Hallmark BMW design is a signal of hallmark BMW driving pleasure – a principle reflected by the status of the BMW 1 Series as the stand-out model in the premium compact segment for a decade now. Its proportions, lines and surface design come together into a youthful and fresh, powerful exterior that showcases the car’s agility- and dynamics-centric driving properties. The current generation of the BMW 1 Series has established itself as a paragon of sporting excellence in its segment, and the new-generation model continues along a similar path, a commitment clearly expressed in its appearance. All the modifications to its exterior and interior design focus on highlighting the car’s dynamic elegance, premium character and innovative technology. In so doing, they underline the latest advances made in areas crucial to providing the driving pleasure for which BMW is renowned.

Together, a long bonnet, long wheelbase, short overhangs, a set-back passenger compartment, a wide track and muscular rear wheel arches form the classical proportions of a BMW. The BMW 1 Series combines a two-box design – a key indicator of the extra versatility offered by a compact car – with a coupe-style side window graphic, a roofline that falls away gently to the rear and a heavily raked rear window. The result is a “stretched” elegance which the 3-door BMW 1 Series encapsulates with particular aplomb. Its long doors with frameless windows and single-piece rear side windows inject additional dynamism into the car’s silhouette.

#### **Eye-catching and precise: the new front end.**

Graceful lines and larger air intakes lend a clearly defined tautness to the surfaces of the new BMW 1 Series’ front apron and infuse the car with an expressive, sporty aura. A horizontal bar in the upper section further accentuates their increased volume, as well as emphasising the breadth of the front end. Another contributor to the sharper visual presence of the new

BMW 1 Series is the newly designed and generously surfaced BMW kidney grille. Its frame is more powerfully sculpted and uses eye-catching chrome surfaces to provide a particularly high-quality accent. The three-dimensional kidney grille bars are another indicator of the precision detailing included in the design of the front end.

The revised contours of the BMW kidney grille and headlight units bring them closer together. This creates a harmonious overall impression with a single-minded look, underlining the sporty road focus and forward-surging intent of the new BMW 1 Series to resounding effect.

**Newly designed headlights, now available as an option in full-LED specification.**

With their flat, dynamic geometry, the newly designed headlight units make a particularly prominent contribution to the sporty overall impression of the front end. The twin circular headlights of all the new BMW 1 Series models come as standard with LED daytime driving lights. The indicators are positioned in the outer area of their respective headlight units.

Full-LED headlights for low and main beam have been added to the options list for the new BMW 1 Series model range. They generate a particularly white light that is very close to daylight and therefore optimises safety when driving at night. Should LED headlights be specified, the indicators also use LED technology.

Another item on the options list are Adaptive LED headlights, which follow the path of corners when illuminating the road. The car's steering angle and speed are taken into account in guiding the beam of light, which allows different modes for urban areas, country roads and motorways to be automatically selected according to the driving situation. This adaptive light adjustment also includes a function for poor weather conditions, and the Adaptive LED Headlights feature a High Beam Assistant as well.

Optional foglamps are integrated into the outer air intakes of the front apron. In conjunction with the Adaptive LED Headlights, the new BMW 1 Series comes equipped with LED foglamps which also take on the function of cornering lights.

### **Clear surface design and rear lights in familiar BMW “L” shape.**

Flared wheel arches and horizontal lines emphasise the width of the rear, which now highlights the powerful structure of the new BMW 1 Series even more vividly. Extremely clear structuring of the surfaces around the boot lid gives the rear a light, modern look. The precisely drawn lines of the rear apron and the reflectors positioned on the far edges of the rear underline the car’s road focus and wide track.

The completely reworked rear-end styling of the new BMW 1 Series is defined most prominently by the two-piece light units integrated into the side panels and boot lid. The new rear lights display the customary BMW “L” shape and extend far into the sides of the car. This light design, which likewise accentuates the width of the rear, is also showcased in characteristic fashion at night by two sets of LED-powered lights. The rear foglamp also works using LED technology.

Customers buying the new BMW 1 Series can choose from three non-metallic and ten metallic exterior paint finishes for their car, with Platinum Silver metallic and Sparkling Brown metallic included as new additions to the range. Estoril Blue metallic is available exclusively for the BMW M135i and in conjunction with the M Sport equipment package.

### **High-quality materials and sophisticated premium ambience in the interior.**

The interior of the new BMW 1 Series sees the brand’s hallmark driver-focused cockpit design complemented by high-quality materials, new seat upholstery and a sophisticated premium character for the centre console controls. New cloth seat covers with a particularly fine web structure and a likewise newly developed cloth/leather combination lend extra freshness, as do the white acrylic glass interior trim strips with textured surfacing designed for the Urban Line.

The BMW Radio Professional and iDrive operating system have been added to the wealth of standard equipment on board the new BMW 1 Series model range. That means the freestanding, 6.5-inch Control Display integrated centrally into the instrument panel and the centre console-mounted Controller, plus the direct menu control buttons and favourites buttons, are now all included in an interior displaying familiar BMW design. If the optional Navigation system Professional is fitted, the Controller comes with a larger, touch-sensitive surface for inputting numbers and characters. The onboard monitor takes the form of an 8.8-inch display with new, extremely slim-looking geometry.

The controls arranged below the Control Display have also benefited from detailed refinements. Both the air vents and the controls for the radio / automatic air conditioning now feature high-quality chrome surrounds. The radio and automatic air conditioning keypads, meanwhile, are set against high-gloss black panelling. If the optional two-zone automatic air conditioning is specified, the display is white in daytime mode and orange in night mode.

## 4. Equipment and BMW Lines: Greater individuality in the premium compact segment.



- **Now fitted as standard: BMW Radio Professional and iDrive operating system with 6.5-inch colour display, plus automatic air conditioning.**
- **New scope for individualisation: Advantage, Sport Line, Urban Line and M Sport equipment variants.**
- **BMW M Performance Automobile BMW M135i with distinctive design and equipment features.**

The new edition of the BMW 1 Series promises to bring an extra dose of BMW-style driving pleasure to the premium compact segment – and the standard and optional equipment on offer for the new car is most definitely up to the task. All the new BMW 1 Series models welcome further enhancements to their standard specification. An array of high-quality options, some of which were originally developed for cars in higher segments and which underline the premium character of the BMW 1 Series, can be ordered to take comfort and functionality to a new level. Additions have also been made to the number of equipment variants customers can choose from, enabling very precise individualisation. For example, the Advantage, Sport Line, Urban Line and M Sport packages, which have been added to the range of options as alternatives to standard specification, offer extremely attractive configurations of specific design and equipment features, with further upgrades introduced for many details.

The generous spread of standard equipment fitted to all new BMW 1 Series models includes not only remote control central locking, keyless engine ignition, electric window controls, electrically heated exterior mirrors and the Driving Experience Control switch, but now also automatic air conditioning, a leather steering wheel adjustable for height and reach, a rain sensor including automatic driving lights control, a front passenger airbag that can be deactivated and the BMW Radio Professional including CD player, six loudspeakers and an AUX-In socket. The iDrive operating system – with its high-resolution 6.5-inch colour display, a Controller on the centre console, direct menu control buttons and favourites buttons – is also part of standard equipment. The now standard sport displays showing current engine output and torque figures can now be superimposed on the Control Display. The instrument cluster now features as standard a real-time fuel consumption display positioned in the lower section of the circular rev counter dial. The

Advantage package adds multifunction buttons for the steering wheel, a telephone hands-free facility with USB interface, foglamps, cruise control with braking function, Park Distance Control with rear sensors, a sliding armrest between the driver's and front passenger seat, a storage package and velours floor mats to the range of standard equipment.

**Modernity and dynamics, just the way you want them: the Urban Line, Sport Line and M Sport packages.**

All the equipment features of the Advantage package are also included in the three other Lines, which sharply accentuate either the progressive and modern or the ambitiously sporting character of the new BMW 1 Series. The Sport Line adds either 16- or 17-inch (depending on the model variant) light-alloy wheels in star-spoke design, door sill plates with "BMW Sport" lettering, black chrome embellishers for the exhaust system's tailpipes, plus specially designed bars for the BMW kidney grille. The accent strips for the outer air intakes, the accent bar for the central air intake and the trim strip in the rear bumper are also in high-gloss black. The exclusive design of the interior includes sports seats with special covers in the new Corner cloth variant, knee pads on the driver's side of the centre console, a sports leather steering wheel with red contrast stitching, high-gloss black interior trim strips with accent strips in Coral Red or Silver, the light package and displays with chrono scales in the instrument cluster. The car key for Sport Line models has a red decorative strip.

The bespoke design features for the Urban Line at the front and rear of the car now come in Oxide Silver and team up with a high-gloss black accent bar for the central air intake. Added to which, depending on engine variant, this equipment line also comes with 16- or 17-inch light-alloy wheels in V-spoke design, cloth/leather seats in the new Path variant and in Silver/Black or Silver/Pearl Grey, a sports leather steering wheel, a lighting package with switchable orange/blue ambient lighting and a Pearl Gloss Chrome decorative strip for the car key. The interior trim strips for the Urban Line can be specified in black acrylic glass or white acrylic glass with textured surfacing and both have an accent strip in matt Oxide Silver.

The M Sport package contains striking design features and a host of equipment details designed to promote agile handling and an active driving style – and thus provides the perfect platform for full-blooded driving pleasure in the new BMW 1 Series. M Sport suspension including a 10-millimetre-lower ride height and 17-inch M light-alloy wheels in double-spoke design (optionally available in 18-inch format) is foremost in bringing additional sharpness to the car's dynamics. A passion for racing is what the newly designed M aerodynamic package is all about, with its bigger air intakes in the

front end, eye-catching side skirts and a diffuser insert for the rear apron, plus BMW Individual High-gloss Shadow Line trim, a specially designed BMW kidney grille and a chrome tailpipe embellisher. The interior of the M Sport model also has its own distinct identity. Appointments include door sill plates bearing the M logo, sports seats for the driver and front passenger with Hexagon cloth/Alcantara upholstery and in exclusive M design, an M leather steering wheel, a knee pad in the driver's footwell, an M driver's footrest, an anthracite-coloured BMW Individual roof liner, a lighting package with switchable orange/white ambient lighting, an M gearshift lever or selector lever gaiter and a full leather handbrake grip. Also available are Aluminium Hexagon interior trim strips with an accent strip in Estoril Blue or high-gloss black, displays with chrono scales for the instrument cluster and a car key with blue decorative strip.

**BMW M135i: the elite sports performer with distinctive design features and model-specific equipment items.**

The BMW M135i occupies a stand-out position in the new BMW 1 Series model range, one which also underlines its position as the leading sports performer in the premium compact segment. It is fitted as standard with two-zone automatic air conditioning and a sliding front armrest, as well as numerous model-specific design and equipment features relating to the powertrain, chassis, aerodynamics and cockpit. Together they form an overall package assembled with typical M precision to deliver an ultra-sporty and emotionally rich driving experience. One piece in the jigsaw is a special version of the M aerodynamic package, which can be identified by features including extremely large outer air intakes in the front apron. These occupy the space normally reserved for foglamps on all other new BMW 1 Series models. The exterior mirror caps are in the typical BMW M Performance Automobile paint finish Ferric Grey. The rear apron of the BMW M135i comes with a distinctively styled diffuser in a Dark Shadow metallic paint finish and surrounds for the exhaust system's twin tailpipes.

Sporting black chrome tailpipe embellishers and delivering a resonant soundtrack, the exhaust system of the BMW M135i hints both visually and acoustically at the power developed by the six-cylinder in-line engine under the bonnet. In addition to the model-specific M Sport suspension and 18-inch double-spoke M light-alloy wheels in Ferric Grey with mixed tyres, the variable sports steering, M Sport braking system and shorter gearshift travel for the standard six-speed manual gearbox have been adapted precisely to the powertrain's performance profile. The aim here is to give the car agile handling characteristics which can also be harnessed extremely deftly when dynamic driving is the order of the day. The specially developed high-grip tyres (225/40

R18 format for the front wheels, 245/35 R18 at the rear) optimise the transfer of acceleration and braking forces to the road.

Among the features helping to bring a sports car feel to the interior of the BMW M135i are door sill plates with “M135i” lettering, an M leather steering wheel, sports seats and interior trim strips with an M-specific design, the M gearshift lever or selector lever gaiter, the fulled leather handbrake lever grip, the anthracite-coloured BMW Individual roof liner, the knee pad in the driver’s footwell, the M driver’s footrest and the lighting package. “M135i” lettering in the instrument cluster display provides an additional, exclusive accent.

### **Flexible-use interior, premium options.**

All the new BMW 1 Series models offer high levels of flexibility in terms of how the interior can be used. The 5-door BMW 1 Series comes with five seats as standard, while the sporting character of the 3-door version is accentuated by the two-seat rear bench with an oddments tray in the centre. A rear seat bench with space for three passengers can also be ordered for this model as a no-cost option. Regardless of the number of doors and seats specified, all new BMW 1 Series models are optionally available with a 40:20:40 split rear seat backrest. Folding one or more of the sections allows boot capacity to be increased in stages from 360 to 1,200 litres.

The options list for the new BMW 1 Series contains a large number of high-quality items designed to meet individual requirements in the areas of comfort, functionality and entertainment. The range includes electrically adjustable and heated seats for the driver and front passenger, two-zone automatic air conditioning, a heated steering wheel, Comfort Access, automatically dimming exterior and rear-view mirrors, an electrically operated glass roof and a trailer coupling with removable hitch ball and increased trailer load of up to 1,500 kilos. Providing an outstanding audio experience while on the road, meanwhile, are a Digital Audio Broadcasting (DAB) receiver and the Online Entertainment option from BMW ConnectedDrive, as well as the Harman Kardon Hi-Fi system, complete with 12 loudspeakers and a digital amplifier with 360-watt output.

### **Comprehensive safety equipment, including a Tyre Pressure Indicator.**

The outstanding occupant protection offered by the BMW 1 Series has been confirmed by, among other things, a maximum five-star rating in Euro NCAP crash testing. Precisely defined load paths, generously sized deformation zones and an extremely strong passenger cell lay the groundwork for exemplary crash performance in various types of collision. Safety features laid

on as standard include front and side airbags and side curtain airbags for both rows of seats. All seats are fitted with three-point inertia-reel seat belts, while the front seats also have belt tensioners and belt force limiters, and ISOFIX child seat attachments are provided in the rear.

Available as an option are run-flat tyres which even allow customers to continue driving – and therefore reach a garage – in the event of a complete loss of pressure. A new addition to the standard equipment of the new BMW 1 Series model range is a Tyre Pressure Indicator showing each individual wheel. The driver can view information on the air pressure of each tyre – recorded by sensors on the wheels – on the built-in monitor.



## 5. **BMW EfficientDynamics in the new BMW 1 Series line-up: Riding a fresh wave of power to break new ground in efficiency.**

- **Premiere for three- and four-cylinder members of the BMW Group's new engine family in the BMW 1 Series line-up.**
- **New BMW 116d EfficientDynamics Edition with 85 kW/116 hp and lowest CO<sub>2</sub> figure of 89 g/km.**
- **New eight-speed Steptronic transmission with navigation-supported shift strategy, ECO PRO mode with coasting function and Proactive Driving Assistant.**

The introduction of three- and four-cylinder units from the BMW Group's new engine family and far-reaching expansion of the standard-fitted BMW EfficientDynamics technology secures the new BMW 1 Series top spot in the premium compact segment once again when it comes to efficiency. The additions to the engine line-up bring reductions in fuel consumption of up to 12 percent (depending on the model) and at the same time provide sharper sporting responses on power delivery. The newcomers represent the latest evidence of the BMW Group's outstanding engine development expertise and an innovative contribution to further increasing the amount of hallmark BMW driving pleasure available to BMW 1 Series owners.

Five petrol and five diesel engines with BMW TwinPower Turbo technology are available for the new BMW 1 Series and all engines meet the EU6 exhaust standard. Setting the pace in terms of sports performance is the BMW M135i M Performance Automobile, powered by a six-cylinder in-line engine now producing 240 kW/326 hp – up 5 kW on its predecessor. Leading the way in the efficiency stakes, meanwhile, is the BMW 116d EfficientDynamics Edition, which combines its peak output of 85 kW/116 hp with fuel consumption of 3.4 litres per 100 kilometres (83.1 mpg imp) and CO<sub>2</sub> emissions of 89 grams per kilometre in the EU test cycle. A unique feature in the compact segment alongside the optional eight-speed Steptronic transmission – a new, efficiency-optimised version of which has been developed to team up with the latest-generation engines – is the BMW 1 Series' characteristic rear-wheel drive. Customers can also specify the intelligent all-wheel-drive system, BMW xDrive, for the BMW M135i, BMW 120d and BMW 118d.

### **New generation of engines sets new standards in efficiency.**

The latest BMW EfficientDynamics technology is once again celebrating its premiere in BMW's compact models. Like the three-cylinder petrol engine

powering the BMW 116i, the engines fitted in all the diesel models are sourced from the BMW Group's new engine family. Their further enhanced efficiency is rooted in shared elements of their design, including the use of aluminium for the crankcase and cylinder head, a forged steel crankshaft with integrated balancer shaft drive, the configuration of the intake and exhaust components and of the ancillary systems, a map-controlled oil pump and a longitudinal positioning in the engine compartment. Other features in common are the coating of the cylinder walls, low-weight pistons, forged connecting rods, their cylinder spacing and the volume per cylinder of 500 cc – very close to the thermodynamic bull's-eye.

In all the petrol engines, the suite of BMW TwinPower Turbo technology includes not only a turbocharger system and High Precision Direct Petrol Injection, but also VALVETRONIC fully variable valve timing and variable adjustment of the intake and exhaust camshaft (Double-VANOS). This package of technology gives the engines outstanding responsiveness and power development, as well as excellent efficiency and exhaust gas quality.

### **Petrol engines with three, four and six cylinders.**

The new 1.5-litre three-cylinder petrol engine also stands out with its emotionally rich soundtrack and impressive smoothness. In terms of vibration control, it has much in common with a six-cylinder in-line engine, primarily due to their shared absence of first- and second-order inertial forces. The three-cylinder unit also features a turbocharger integrated into the exhaust gas manifold, as well as latest-generation injection and VALVETRONIC systems. In the new BMW 116i it generates a maximum output of 80 kW/109 hp and peak torque of 180 Newton metres (133 lb-ft), sufficient for 0 to 100 km/h (62 mph) acceleration in 10.9 seconds. The handing over of the baton from one engine generation to the next also ensures a considerable reduction in fuel consumption – now 5.4 – 5.0 litres per 100 kilometres (52.3 – 56.5 mpg imp) – and CO<sub>2</sub> emissions, which come in at 126 – 116 grams per kilometre (figures according to EU test cycle, may vary depending on the tyre format specified).

The BMW 118i and BMW 120i are powered by a 1.6-litre four-cylinder engine developing 100 kW/136 hp and 130 kW/177 hp respectively. The new BMW 118i generates maximum torque of 220 Newton metres (162 lb-ft), while the new BMW 120i develops 250 Newton metres (184 lb-ft). The new BMW 118i hits 100 km/h (62 mph) from rest in 8.5 (automatic: 8.7) seconds, and its average fuel consumption comes in at 5.7 – 5.4 litres per 100 kilometres (49.6 – 52.3 mpg imp). CO<sub>2</sub> emissions are 133 – 125 grams (automatic: 5.9 – 5.6 l/100 km [47.9 – 50.4 mpg imp]), 137 – 129 g/km). The new BMW 120i sprints from 0 to 100 km/h (62 mph) in 7.4 (automatic:

7.2) seconds. It has average fuel consumption of 6.0 – 5.7 litres per 100 kilometres (47.1 – 49.6 mpg imp) and CO<sub>2</sub> emissions of 139 – 132 grams per kilometre (automatic: 5.9 – 5.6 l/100 km [47.9 – 50.4 mpg imp], 137 – 129 g/km; figures according to EU test cycle, may vary depending on the tyre format specified).

The four-cylinder engine in the new BMW 125i develops maximum output of 160 kW/218 hp and peak torque of 310 Newton metres (229 lb-ft) from its 2.0-litre displacement. The new BMW 125i reaches 100 km/h (62 mph) from rest in 6.4 (automatic: 6.2) seconds. Its average fuel consumption comes in at 6.7 – 6.6 litres per 100 kilometres (42.2 – 42.8 mpg imp), with CO<sub>2</sub> emissions recorded at 157 – 154 grams per kilometre (automatic: 6.5 – 6.3 l/100 km [43.5 – 44.8 mpg imp], 151 – 148 g/km; figures according to EU test cycle, may vary depending on the tyre format specified).

The new BMW M135i is in a league of its own in terms of sporting talent. The increased output of 240 kW/326 hp and peak torque of 450 Newton metres (332 lb-ft) generated by its straight-six engine propel the BMW M Performance Automobile from 0 to 100 km/h (62 mph) in just 5.1 (automatic: 4.9) seconds. Average fuel consumption is 8.0 litres per 100 kilometres (35.3 mpg imp) and CO<sub>2</sub> emissions are 188 grams per kilometre (automatic: 7.5 l/100 km [37.7 mpg imp], 175 g/km; figures according to EU test cycle, may vary depending on the tyre format specified).

### **The changing of the guard: five new diesel engines in the BMW 1 Series model range.**

The new BMW 1 Series model range has been given an almost totally updated line-up of diesel engines. Both the new-generation three-cylinder and latest four-cylinder engines are based on the same efficiency-optimised underlying concept and boast new turbocharging technology and further developed common rail direct injection systems. Variable turbine geometry and turbocharger shaft guidance which, depending on the engine variant, involves a slide bearing or roller bearing, optimise the engines' responses, while new solenoid valve injectors generating injection pressure of up to 2,500 bar increase the precision of the fuel metering process. Furthermore, advances have been made with the new diesel engines in terms of acoustic comfort as well as thermodynamics, power development and efficiency.

The output spectrum of the diesel engines has been expanded and now ranges from 85 kW/116 hp to a new peak of 165 kW/224 hp. Reductions in fuel consumption of up to 12 percent have been achieved (depending on the model variant). All the diesel models in the new BMW 1 Series line-up have CO<sub>2</sub> emissions of under 120 grams per kilometre.

The 1.5-litre three-cylinder engine under the bonnet of the new BMW 116d generates maximum output of 85 kW/116 hp and 270 Newton metres (199 lb-ft) of torque – up 10 Nm (7 lb-ft) on its predecessor. The new BMW 116d takes 10.3 seconds to accelerate from 0 to 100 km/h (62 mph), both with the standard six-speed manual gearbox and with the optional eight-speed Steptronic transmission. The fuel consumption and CO<sub>2</sub> emissions of the new BMW 116d are 4.1 – 3.7 litres per 100 kilometres [68.9 – 76.4 mpg imp] (automatic: 4.1 – 3.6 [68.9 – 78.5 mpg imp]) and 107 – 97 (107 – 96) grams per kilometre (figures according to EU test cycle, may vary depending on the tyre format specified).

The new BMW 116d EfficientDynamics Edition takes to the stage with further reductions in fuel consumption and emissions up its sleeve. This variant uses features such as a switchable coolant pump and specific combustion chamber pressure control for its likewise 85 kW/116 hp three-cylinder diesel engine to set a new efficiency benchmark for the whole of the BMW model range. The new BMW 116d EfficientDynamics Edition accelerates from 0 to 100 km/h (62 mph) in 10.4 seconds and posts average fuel consumption of 3.8 – 3.4 litres per 100 kilometres (74.3 – 83.1 mpg imp). CO<sub>2</sub> emissions are 101 – 89 grams per kilometre (figures according to EU test cycle, may vary depending on the tyre format specified).

The new four-cylinder diesel engine for the BMW 1 Series is offered at three output levels. The 2.0-litre units have overhead valves and overhead camshafts and differ from one another primarily on account of their turbocharging technology. In the new BMW 118d the power unit develops maximum output of 110 kW/150 hp and peak torque of 320 Newton metres (236 lb-ft), enabling acceleration of 0 to 100 km/h (62 mph) in 8.3 (automatic: 8.1) seconds. Its average fuel consumption stands at 4.3 – 4.0 litres per 100 kilometres [65.7 – 70.6 mpg imp] (automatic: 4.2 – 3.8 litres [67.3 – 74.3 mpg imp]), while CO<sub>2</sub> emissions are 114 – 104 (110 – 99) grams per kilometre.

The 140 kW/190 hp version of the new four-cylinder diesel unit serves up peak torque of 400 Newton metres (295 lb-ft) and whisks the new BMW 120d from 0 to 100 km/h (62 mph) in 7.1 (automatic: 7.0) seconds. The sporting instincts of this model variant combine with average fuel consumption of 4.5 – 4.1 litres [62.8 – 68.9 mpg imp] (automatic: 4.3 – 3.9 litres [65.7 – 72.4 mpg imp]) per 100 kilometres and CO<sub>2</sub> emissions of 118 – 108 (114 – 103) grams per kilometre (figures according to EU test cycle, may vary depending on the tyre format specified).

The most powerful four-cylinder diesel engine gets to work in the new BMW 125d. It features multi-stage turbocharging with variable turbine geometry for the high-pressure charger, making for instantaneous responses at the slightest touch of the accelerator along with an impressive power curve across a broad rev range. Ensuring particularly precise fuel metering is the new version of common rail direct injection which operates at 2,500 bar. Output of 165 kW/224 hp and peak torque of 450 Newton metres (332 lb-ft) propel the 125d – which is fitted as standard with the eight-speed Steptronic transmission – from rest to 100 km/h (62 mph) in 6.3 seconds. Its performance is also class-leading in terms of average fuel consumption and CO<sub>2</sub> emissions. The key figures here are 4.6 – 4.3 litres per 100 kilometres (62.8 – 65.7 mpg imp) and 121 to 114 grams per kilometre (figures according to EU test cycle, may vary depending on the tyre format specified).

**Enhanced driving pleasure and efficiency: manual gearbox has a gear sensor, eight-speed Steptronic transmission links up with the navigation system.**

As well as the new BMW 125d, the two BMW 120d xDrive and BMW M135i xDrive all-wheel-drive models also line up as standard with an eight-speed Steptronic transmission or eight-speed Steptronic sport transmission. All other variants of the new BMW 1 Series are fitted with a six-speed manual gearbox, which offers engagement speed control in conjunction with all the new-generation engines. This function uses a gear selection sensor to match the engine rpm to the transmission input shaft speed, resulting in the smoothest possible gear changes.

With the exception of the BMW 116i, BMW 116d EfficientDynamics Edition and BMW 118d xDrive, the variants fitted as standard with a manual gearbox can also be ordered – uniquely in the compact segment – with the eight-speed Steptronic transmission as an option. An updated version of the automatic transmission links up with the new engines. Further improved internal efficiency, longer gear ratios, optimised transmission management and a vibration damper make it a champion of both efficiency and sports performance, driving comfort and pleasing acoustics. Among the functional highlights of the eight-speed Steptronic transmission is a predictive shift strategy, which works in conjunction with the car's navigation system – even when route guidance is not active – to ensure that gear changes are timed precisely according to the driving situation at hand. Based on navigation data, the gearbox identifies and takes into account an approaching corner, intersection, roundabout or motorway slip road. If the vehicle is approaching an intersection or a bend, for example, it changes down early to the most appropriate gear, making optimum use of the engine braking effect. The gearbox then shifts to the optimal gear to accelerate dynamically out of the

corner. Furthermore, interaction with the navigation system allows unnecessary gear changes between two successive corners to be avoided.

The eight-speed Steptronic sport transmission available as an option for the BMW 125i, BMW M135i, BMW 120d, BMW 120d xDrive and BMW 125d models (standard on the BMW M135i xDrive) stands out with its lightning-fast gear changes. It also comes with shift paddles on the steering wheel and a Launch Control function.

### **Further expanded range of BMW EfficientDynamics technology.**

Another contributor to what are in some cases significant reductions in fuel consumption and emissions is the further expanded range of BMW EfficientDynamics features. As well as Brake Energy Regeneration, the need-based operation of ancillary components, Electric Power Steering, the Optimum Gearshift Indicator and the Auto Start Stop function (also available in conjunction with an automatic transmission), standard equipment for the new BMW 1 Series model range also includes ECO PRO mode, which can be activated using the standard-fitted Driving Experience Control switch. On all cars specified with an automatic transmission – with the exception of the BMW 118i and the BMW 120i – ECO PRO mode now also offers a coasting function. When the accelerator is released at speeds between 50 and 160 km/h (approx. 30 – 100 mph) the engine is decoupled from the rest of the drivetrain. Vehicles with the Navigation system Professional also come with a Proactive Driving Assistant function, which tells the driver when to lift off the throttle ahead of corners, turn-offs, roundabouts and speed limits, for example. Intelligent teamwork also allows it to influence the responses of the coasting function when using the engine braking effect would help to increase efficiency in such situations.

The new BMW 1 Series models also impress with their improved aerodynamics. At the front of the car, airflow is optimised by features including the newly designed front apron and an updated sealing concept for the transition between the headlights and bonnet. The BMW 116d EfficientDynamics Edition also comes with active air flap control and specially designed kidney grille bars which, with their slightly angled slant, minimise the amount of air that can flow into the engine compartment – beyond what is needed for cooling purposes. With these measures in place, the new BMW 1 Series models have a lower drag coefficient (Cd) than that of their predecessors. The Cd of the new BMW 116d EfficientDynamics Edition, for example, has been reduced to 0.29.



## 6. **BMW ConnectedDrive in the new BMW 1 Series model range: Intelligent connectivity equals boundless driving enjoyment.**

- **Premiere for new-generation Parking Assistant – automatic parallel and transverse parking now available at the touch of a button.**
- **Active Cruise Control system with Stop & Go function available for the first time in the BMW 1 Series.**
- **Increased variety of functions available through apps; navigation data can be updated “over the air”.**

Intelligent connectivity delivers a clear increase in daily driving pleasure – not only in luxury sedans, but also in compact-segment models. Here, the new BMW 1 Series again benefits from the development expertise of the world’s leading manufacturer of premium cars and offers customers a high-quality and richly varied selection of driver assistance systems and mobility services. The range of BMW ConnectedDrive features now includes additional options that optimise convenience, safety and the use of infotainment functions.

Standard equipment for the new BMW 1 Series includes a SIM card embedded in the car, as a mobile phone connection is required to make use of the likewise standard Intelligent Emergency Call and BMW TeleServices functions, as well as the optional internet-based services. These cover ConnectedDrive Services including the BMW Online internet portal, as well as the Concierge Services personal information service, Remote Services and Real Time Traffic information. These functions are now also available in conjunction with the Navigation system Business. In addition, the spectrum of services customers can integrate into their cars retrospectively via apps has been expanded. All functions are safe, convenient and intuitive to use thanks to the BMW iDrive operating system, now also standard.

### **Apps and the BMW ConnectedDrive Store bring extra variety to the range of infotainment options.**

Apps take a wide variety of routes when it comes to using internet-based services to open up new avenues in information, communication and entertainment. Drivers can integrate app functions into their car via the embedded SIM card or a smartphone. A one-off registration gives customers access to the BMW ConnectedDrive Store, which they can use to adapt the available services to their individual needs – there and then or at a later stage. Extra options can be added at any time – even while on the move – via the

SIM card. The selected functions are made available for use in the car just a few minutes later.

The constantly expanding selection of car and smartphone apps includes web radio functions, the use of social networks such as Facebook and Twitter, and entertainment features. The Online Entertainment option from BMW ConnectedDrive opens up a richly varied range of entertainment possibilities. It uses an internet connection established via the integrated SIM card to open up access to 22 million titles across various genres.

**Always on the right course with online navigation data updates.**

As well as the online-based Real Time Traffic information, the new version of the Navigation system Professional now also available for the BMW 1 Series offers an innovative solution for updating maps. The new navigation data is transferred into the car “over the air” using a mobile phone connection established by the SIM card – without having to take a long diversion via external data storage devices and manual installation. The result is another step up in the convenience and reliability of route guidance. The system updates its navigation data several times a year, whenever a new version of a map becomes available, and users do not incur licence fees or transfer costs.

The onboard monitor for the Navigation system Professional and the Navigation system Business takes the form of a high-res 8.8-inch or 6.5-inch colour display respectively, each with a classy, slim surround. The Navigation system Professional is now available with a Touch Controller to enter destinations and control numerous other functions.

**New Parking Assistant: taking the stress out of parallel or transverse parking.**

The updated version of the Parking Assistant is now available as an option for the new BMW 1 Series. It now features 12 rather than the previous 10 sensors and helps the driver to select and use parking spaces lying not only parallel but now also transversely to the road. The system identifies suitable parking options as the car drives past, registering as usable spaces which are more than 80 centimetres longer than the car and at least 2.50 metres wide. A space suitable for automatic parallel parking can be flanked by two vehicles or obstacles such as planters or waste bins. The new version of the Parking Assistant can also be used for parallel parking if there is a vehicle or another obstacle solely in front of the selected space.

The driver can hand over the task of parking to the system by pressing a button or, having selected reverse gear, by pressing the iDrive Controller. The

system will then carry out the requisite steering movements to reverse the car either parallel or at a right angle into the space.

The range of features has also been extended for Park Distance Control (PDC). The PDC sensors can now be optionally specified solely for the rear or both for the rear and the front of the vehicle. A new feature is the automatic activation of PDC at the front when the car is moving forward slowly. At speeds below 4 km/h (2.5 mph) the system automatically starts as soon as the sensors integrated in the front apron detect an obstacle less than a metre away. It means the driver also receives immediate assistance by way of acoustic and visual signals when driving forwards into a parking space.

### **Active Cruise Control system with Stop & Go function.**

Another new addition to the range of driver assistance systems from BMW ConnectedDrive available for the BMW 1 Series is the Active Cruise Control system with Stop & Go function. This radar-based – and therefore particularly effective – system builds on the likewise optional cruise control with braking function, adding an automatic distance control function which allows the driver to cruise comfortably in free-flowing traffic on motorways and main roads and ensures that a suitable following distance for the situation at hand is maintained in slow-moving traffic.

The desired distance to the vehicle in front can be selected in four stages. If the car breaches the pre-set distance, the system adapts its speed to suit the traffic conditions by intervening in the engine management and building up brake pressure. As soon as the lane ahead is free again, the car's speed is restored to the desired value originally entered. This can be anywhere between 30 and 210 km/h (19 – 130 mph). In stop-start traffic, for example, the driver is relieved of the task of having to brake regularly. If the car comes to a halt for longer than three seconds, the driver can give the command to continue by accelerating briefly or pressing the "Resume" button on the steering wheel. The still active cruise control and distance control functions then become available once again.

The selection of driver assistance systems available for the new BMW 1 Series also includes a rear-view camera, High Beam Assistant, Speed Limit Info including No Passing Info display and the Driving Assistant. The latter comprises the camera-based Lane Departure Warning and Collision Warning systems as well as the Attention Assistant feature. The Lane Departure Warning system can be used at speeds over 70 km/h (43 mph) and sends out an alert if the driver drifts out of lane unintentionally. At speeds upwards of 15 km/h (9 mph), the Collision Warning system flags up an insufficient distance to the vehicle in front. As well as triggering visual and

acoustic warnings in this type of situation, the system primes the brakes to help the driver achieve the shortest possible stopping distance if he or she has to intervene.

## 7. Technical specifications. BMW 116i 3-door.



<b>BMW 116i 3-door</b>		
<b>Body</b>		
No. of doors/seats		3 / 4 (5)
Length/width/height <sup>1)</sup> (unladen)	mm	4329 / 1765 / 1421
Wheelbase	mm	2690
Track, front/rear	mm	1535 / 1569
Ground clearance	mm	140
Turning circle	m	10.9
Fuel tank capacity	approx. ltr	52
Cooling system incl. heater	ltr	7.7
Engine oil <sup>2)</sup>	ltr	4.25
Weight, unladen, to DIN/EU	kg	1300 / 1375
Max. load to DIN	kg	565
Max. permissible weight	kg	1865
Max. axle load, front/rear	kg	850 / 1090
Max. trailer load, braked (12%)/unbraked	kg	1200 / 650
Max. roof load/max towbar download	kg	75 / 75
Luggage comp. capacity	ltr	360 – 1200
Air resistance	C <sub>d</sub> x A	0.31 x 2.14
<b>Power Unit</b>		
Config./No. of cyls./valves		in-line / 3 / 4
Engine technology		BMW TwinPower Turbo technology: turbocharger, High Precision Direct Injection, fully variable valve control (VALVETRONIC), Double-VANOS variable camshaft control
Effective capacity	cm <sup>3</sup>	1499
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	11.0
Fuel		min RON 91
Max. output	kW/hp	80 / 109
at	rpm	4500 – 6000
Max torque	Nm	180
at	rpm	1250
<b>Electrical System</b>		
Battery/installation	Ah/–	90 / luggage comp.
Alternator	A/W	180 / 2520
<b>Driving Dynamics and Safety</b>		
Suspension, front		Aluminium double-joint spring strut axle
Suspension, rear		Five-link axle in lightweight steel construction with double elastic bearing
Brakes, front		Single-piston floating-calliper disc brakes
Brakes, rear		Single-piston floating-calliper disc brakes
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
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), optional: Servotronic function, variable sport steering
Steering ratio, overall	:1	15.0
Tyres, front/rear		195/55 R16 87H
Rims, front/rear		6.5J x 16 steel

**BMW 116i 3-door**

**Transmission**

Type of transmission	6-speed manual		
Gear ratios	I	:1	4.552
	II	:1	2.548
	III	:1	1.659
	IV	:1	1.230
	V	:1	1.000
	VI	:1	0.830
	R	:1	4.138
Final drive		:1	2.813

**Performance**

Power-to-weight ratio	kg/kW	16.3
Output per litre	kW/ltr	53.4
Acceleration 0–100 km/h	s	10.9
in 5th gear 80–120 km/h	s	14.8
Top speed	km/h	195

**BMW EfficientDynamics**

BMW EfficientDynamics standard features	Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, Optimum Gearshift Indicator, ECO PRO mode, intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-controlled oil pump, detachable a/c compressor, final drive with optimised warm-up behaviour, tyres with reduced roll resistance
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**Fuel Consumption EU <sup>3)</sup>**

With standard tyres, rims 7J x 16 and tyres 205/55 R16 as well as winter tyres		
Urban	ltr/100 km	6.3
Extra-urban	ltr/100 km	4.2
Combined	ltr/100 km	5.0
CO <sub>2</sub>	g/km	116
With rims 7J x 17 and tyres 205/50 R17, with rims 7.5J x 17 and tyres 225/45 R 17, with rims 7.5J x 17 front, 8J x 17 rear and tyres 225/45 R17 front, 245/40 R17 rear		
Urban	ltr/100 km	6.7
Extra-urban	ltr/100 km	4.5
Combined	ltr/100 km	5.3
CO <sub>2</sub>	g/km	123
With rims 7.5J x 18 front, 8J x 18 rear and tyres 225/40 R18 front, 245/35 R18 rear		
Urban	ltr/100 km	6.8
Extra-urban	ltr/100 km	4.6
Combined	ltr/100 km	5.4
CO <sub>2</sub>	g/km	126
Emission rating		EU6

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

<sup>1)</sup> Height with roof fin: 1440 mm

<sup>2)</sup> Oil change

<sup>3)</sup> Fuel consumption and CO<sub>2</sub> emissions depend on the selected tyre format

# BMW 118i 3-door, BMW 120i 3-door.

		<b>BMW 118i 3-door</b>	<b>BMW 120i 3-door</b>
<b>Body</b>			
No. of doors/seats		3 / 4 (5)	3 / 4 (5)
Length/width/height <sup>1)</sup> (unladen)	mm	4329 / 1765 / 1421	4329 / 1765 / 1421
Wheelbase	mm	2690	2690
Track, front/rear	mm	1535 / 1569	1535 / 1569
Ground clearance	mm	140	140
Turning circle	m	10.9	10.9
Fuel tank capacity	approx. ltr	52	52
Cooling system incl. heater	ltr	6.4	6.4
Engine oil <sup>2)</sup>	ltr	4.2	4.2
Weight, unladen, to DIN/EU	kg	1300 / 1375 (1315 / 1390)	1300 / 1375 (1315 / 1390)
Max. load to DIN	kg	565	565
Max. permissible weight	kg	1865 (1880)	1865 (1880)
Max. axle load, front/rear	kg	865 / 1090	870 / 1090
Max. trailer load, braked (12%/unbraked)	kg	1200 / 670	1200 / 670
Max. roof load/max towbar download	kg	75 / 75	75 / 75
Luggage comp. capacity	ltr	360 – 1200	360 – 1200
Air resistance	C <sub>d</sub> x A	0.31 x 2.14	0.31 x 2.14
<b>Power Unit</b>			
Config./No. of cyls./valves		in-line / 4 / 4	in-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: twin-scroll turbocharger, High Precision Direct Injection, fully variable valve control (VALVETRONIC), Double-VANOS variable camshaft control	
Effective capacity	cm <sup>3</sup>	1598	1598
Stroke/bore	mm	85.8 / 77.0	85.8 / 77.0
Compression ratio	:1	10.5	10.5
Fuel		min RON 91	min RON 91
Max. output	kW/hp	100 / 136	130 / 177
at	rpm	4400 – 6450	4800 – 6450
Max torque	Nm	220	250
at	rpm	1350 – 4300	1500 – 4500
<b>Electrical System</b>			
Battery/installation	Ah/–	80 / luggage comp.	80 / luggage comp.
Alternator	AW	170 / 2380	170 / 2380
<b>Driving Dynamics and Safety</b>			
Suspension, front		Aluminium double-joint spring strut axle	
Suspension, rear		Five-link axle in lightweight steel construction with double elastic bearing	
Brakes, front		Single-piston floating-calliper disc brakes	
Brakes, rear		Single-piston floating-calliper disc brakes	
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	
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), optional: Servotronic function, variable sport steering	
Steering ratio, overall	:1	15.0	15.0
Tyres, front/rear		195/55 R16 87H	195/55 R16 87W
Rims, front/rear		6.5J x 16 steel	6.5J x 16 steel

		<b>BMW 118i 3-door</b>	<b>BMW 120i 3-door</b>
<b>Transmission</b>			
Type of transmission	6-speed manual (optional: 8-speed Steptronic transmission)		
Gear ratios	I	:1	4.552 (4.714)
	II	:1	2.548 (3.143)
	III	:1	1.659 (2.106)
	IV	:1	1.230 (1.667)
	V	:1	1.000 (1.285)
	VI	:1	0.830 (1.000)
	VII	:1	– (0.839)
	VIII	:1	– (0.667)
	R	:1	4.138 (3.295)
Final drive		:1	2.813 (3.077)
			3.077 (3.077)
<b>Performance</b>			
Power-to-weight ratio	kg/kW		13.0 (13.2)
Output per litre	kW/ltr		62.6
Acceleration	0–100 km/h	s	8.5 (8.7)
	80–120 km/h	s	10.6 (–)
Top speed	km/h		210 (210)
			225 (222)
<b>BMW EfficientDynamics</b>			
BMW EfficientDynamics standard features	Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, Optimum Gearshift Indicator, ECO PRO mode, intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-controlled oil pump, final drive with optimised warm-up behaviour, tyres with reduced roll resistance		
<b>Fuel Consumption EU <sup>3)</sup></b>			
With standard tyres, rims 7J x 16 and tyres 205/55 R16 as well as winter tyres			
Urban	ltr/100 km		7.0 (7.2)
Extra-urban	ltr/100 km		4.5 (4.6)
Combined	ltr/100 km		5.4 (5.6)
CO <sub>2</sub>	g/km		125 (129)
With rims 7J x 17 and tyres 205/50 R17, with rims 7.5J x 17 and tyres 225/45 R 17, with rims 7.5J x 17 front, 8J x 17 rear and tyres 225/45 R17 front, 245/40 R17 rear			
Urban	ltr/100 km		7.2 (7.4)
Extra-urban	ltr/100 km		4.6 (4.8)
Combined	ltr/100 km		5.6 (5.7)
CO <sub>2</sub>	g/km		129 (133)
With rims 7.5J x 18 front, 8J x 18 rear and tyres 225/40 R18 front, 245/35 R18 rear			
Urban	ltr/100 km		7.4 (7.6)
Extra-urban	ltr/100 km		4.7 (4.9)
Combined	ltr/100 km		5.7 (5.9)
CO <sub>2</sub>	g/km		133 (137)
Emission rating			EU6

Specifications apply to ACEA markets/data relevant to homologation apply in part only to Germany (weight)  
Figures in brackets apply to automatic transmission

<sup>1)</sup> Height with roof fin: 1440 mm

<sup>2)</sup> Oil change

<sup>3)</sup> Fuel consumption and CO<sub>2</sub> emissions depend on the selected tyre format

# BMW 125i 3-door.

<b>BMW 125i 3-door</b>		
<b>Body</b>		
No. of doors/seats		3 / 4 (5)
Length/width/height <sup>1)</sup> (unladen)	mm	4329 / 1765 / 1421
Wheelbase	mm	2690
Track, front/rear	mm	1521 / 1556
Ground clearance	mm	140
Turning circle	m	10.9
Fuel tank capacity	approx. ltr	52
Cooling system incl. heater	ltr	7.0 (7.6)
Engine oil <sup>2)</sup>	ltr	5.0
Weight, unladen, to DIN/EU	kg	1350 / 1425 (1370 / 1445)
Max. load to DIN	kg	565
Max. permissible weight	kg	1915 (1935)
Max. axle load, front/rear	kg	895 / 1120
Max. trailer load, braked (12%/unbraked)	kg	1200 / 680
Max. roof load/max towbar download	kg	75 / 75
Luggage comp. capacity	ltr	360 – 1200
Air resistance	C <sub>d</sub> x A	0.32 x 2.14
<b>Power Unit</b>		
Config./No. of cyls./valves		in-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: twin-scroll turbocharger, High Precision Direct Injection, fully variable valve control (VALVETRONIC), Double-VANOS variable camshaft control
Effective capacity	cm <sup>3</sup>	1997
Stroke/bore	mm	90.1 / 84.0
Compression ratio	:1	10.0
Fuel		min RON 91
Max. output	kW/hp	160 / 218
at	rpm	5000
Max torque	Nm	310
at	rpm	1350 – 4800
<b>Electrical System</b>		
Battery/installation	Ah/-	80 / luggage comp.
Alternator	A/W	170 / 2380
<b>Driving Dynamics and Safety</b>		
Suspension, front		Aluminium double-joint spring strut axle
Suspension, rear		Five-link axle in lightweight steel construction with double elastic bearing
Brakes, front		Single-piston floating-calliper disc brakes
Brakes, rear		Single-piston floating-calliper disc brakes
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
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), optional: Servotronic function, variable sport steering
Steering ratio, overall	:1	15.0
Tyres, front/rear		205/50 R17 89Y
Rims, front/rear		7J x 17 light-alloy

**BMW 125i 3-door**

**Transmission**

Type of transmission	6-speed manual (optional: 8-speed Steptronic transmission)		
Gear ratios	I	:1	3.683 (4.714)
	II	:1	2.062 (3.143)
	III	:1	1.313 (2.106)
	IV	:1	1.000 (1.667)
	V	:1	0.809 (1.285)
	VI	:1	0.677 (1.000)
	VII	:1	– (0.839)
	VIII	:1	– (0.667)
	R	:1	3.348 (3.295)
Final drive		:1	3.909 (3.077)

**Performance**

Power-to-weight ratio	kg/kW	8.4 (8.6)
Output per litre	kW/ltr	80.1
Acceleration 0–100 km/h	s	6.4 (6.2)
in 5th gear 80–120 km/h	s	7.5
Top speed	km/h	245 (243)

**BMW EfficientDynamics**

BMW EfficientDynamics standard features	Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, Optimum Gearshift Indicator, ECO PRO mode with coasting function (automatic), intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-controlled oil pump, final drive with optimised warm-up behaviour, tyres with reduced roll resistance
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**Fuel Consumption EU <sup>3)</sup>**

With standard tyres		
Urban	ltr/100 km	8.6 (8.5)
Extra-urban	ltr/100 km	5.4 (5.1)
Combined	ltr/100 km	6.6 (6.3)
CO <sub>2</sub>	g/km	154 (148)
With rims 7.5J x 17 and tyres 225/45 R 17 as well as winter tyres, with rims 7.5J x 17 front, 8J x 17 rear and tyres 225/45 R17 front, 245/40 R17 rear, with rims 7.5J x 18 front, 8J x 18 rear and tyres 225/40 R18 front, 245/35 R18 rear		
Urban	ltr/100 km	8.9 (8.7)
Extra-urban	ltr/100 km	5.4 (5.2)
Combined	ltr/100 km	6.7 (6.5)
CO <sub>2</sub>	g/km	157 (151)
Emission rating		EU6

Specifications apply to ACEA markets/data relevant to homologation apply in part only to Germany (weight)  
Figures in brackets apply to automatic transmission

<sup>1)</sup> Height with roof fin: 1440 mm

<sup>2)</sup> Oil change

<sup>3)</sup> Fuel economy and CO<sub>2</sub> emission figures depend on the selected tyre format

# BMW M135i 3-door, BMW M135i xDrive 3-door

		<b>BMW M135i 3-door</b>	<b>BMW M135i xDrive 3-door</b>
<b>Body</b>			
No. of doors/seats		3 / 4 (5)	3 / 4 (5)
Length/width/height <sup>1)</sup> (unladen)	mm	4324 / 1765 / 1411	4324 / 1765 / 1411
Wheelbase	mm	2690	2690
Track, front/rear	mm	1516 / 1534	1516 / 1534
Ground clearance	mm	130	130
Turning circle	m	10.9	11.3
Fuel tank capacity	approx. ltr	52	52
Cooling system incl. heater	ltr	6.9 (7.1)	7.1
Engine oil <sup>2)</sup>	ltr	6.5	6.5
Weight, unladen, to DIN/EU	kg	1430 / 1505 (1445 / 1520)	1515 / 1590
Max. load to DIN	kg	565	550
Max. permissible weight	kg	1995 (2010)	2065
Max. axle load, front/rear	kg	955 / 1120	1010 / 1120
Max. trailer load, braked (12%/unbraked)	kg	- / -	- / -
Max. roof load/max towbar download	kg	75 / -	75 / -
Luggage comp. capacity	ltr	360 – 1200	360 – 1200
Air resistance	C <sub>d</sub> x A	0.34 x 2.14	0.35 x 2.14
<b>Power Unit</b>			
Config./No. of cyls./valves		in-line / 6 / 4	in-line / 6 / 4
Engine technology		M Performance TwinPower Turbo technology: twin-scroll turbocharger, High Precision Direct Injection, fully variable valve control (VALVETRONIC), Double-VANOS variable camshaft control	
Effective capacity	cm <sup>3</sup>	2979	2979
Stroke/bore	mm	89.6 / 84.0	89.6 / 84.0
Compression ratio	:1	10.2	10.2
Fuel		min RON 91	min RON 91
Max. output	kW/hp	240 / 326	240 / 326
at	rpm	5800 – 6000	5800 – 6000
Max torque	Nm	450	450
at	rpm	1300 – 4500	1300 – 4500
<b>Electrical System</b>			
Battery/installation	Ah/-	80 / luggage comp.	80 / luggage comp.
Alternator	A/W	170 / 2380	170 / 2380
<b>Driving Dynamics and Safety</b>			
Suspension, front		Aluminium double-joint spring strut axle with M-specific elastokinematics	
Suspension, rear		Five-link axle in lightweight steel construction with double elastic bearing	
Brakes, front		Four-piston fixed-calliper disc brakes	
Brakes, rear		Twin-piston fixed-calliper disc brakes	
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; BMW M135i xDrive: linked to xDrive all-wheel-drive system in Integrated Chassis Management (ICM)	
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), variable sport steering incl. Servotronic function	
Steering ratio, overall	:1	14.5	14.6
Tyres, front/rear		225/40 ZR18 88Y/ 245/35 ZR18 92Y XL	225/40 ZR18 88Y/ 245/35 ZR18 92Y XL
Rims, front/rear		7.5J x 18 light-alloy/ 8J x 18 light-alloy	7.5J x 18 light-alloy/ 8J x 18 light-alloy

		<b>BMW M135i 3-door</b>	<b>BMW M135i xDrive 3-door</b>
<b>Transmission</b>			
Type of transmission		6-speed manual (optional: 8-speed Steptronic sport transmission)	8-speed Steptronic sport transmission
Gear ratios	I	:1	4.110 (4.714)
	II	:1	2.315 (3.143)
	III	:1	1.542 (2.106)
	IV	:1	1.179 (1.667)
	V	:1	1.000 (1.285)
	VI	:1	0.846 (1.000)
	VII	:1	– (0.839)
	VIII	:1	– (0.667)
	R	:1	3.727 (3.295)
Final drive		:1	3.077 (3.077)
<b>Performance</b>			
Power-to-weight ratio		kg/kW	6.0 (6.0)
Output per litre		kW/ltr	80.6
Acceleration	0–100 km/h	s	5.1 (4.9)
in 5th gear	80–120 km/h	s	5.0 (–)
Top speed		km/h	250 (250)
<b>BMW EfficientDynamics</b>			
BMW EfficientDynamics standard features	Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, Optimum Gearshift Indicator, ECO PRO mode with coasting function (automatic), intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-controlled oil pump, final drive with optimised warm-up behaviour, efficiency- and weight-optimised transfer case (BMW M135i xDrive), tyres with reduced roll resistance		
<b>Fuel Consumption EU</b>			
Urban		ltr/100 km	10.9 (10.3)
Extra-urban		ltr/100 km	6.4 (5.9)
Combined		ltr/100 km	8.0 (7.5)
CO <sub>2</sub>		g/km	188 (175)
Emission rating			EU6

Specifications apply to ACEA markets/data relevant to homologation apply in part only to Germany (weight)  
BMW M135i: figures in brackets apply to automatic transmission (standard in the BMW M135i xDrive)

- <sup>1)</sup> Height with roof fin: 1430 mm  
<sup>2)</sup> Oil change

# BMW 116d 3-door.

<b>BMW 116d 3-door</b>		
<b>Body</b>		
No. of doors/seats		3 / 4 (5)
Length/width/height <sup>1)</sup> (unladen)	mm	4329 / 1765 / 1421
Wheelbase	mm	2690
Track, front/rear	mm	1535 / 1569
Ground clearance	mm	140
Turning circle	m	10.9
Fuel tank capacity	approx. ltr	52
Cooling system incl. heater	ltr	7.0
Engine oil <sup>2)</sup>	ltr	4.4
Weight, unladen, to DIN/EU	kg	1320 / 1395 (1350 / 1425)
Max. load to DIN	kg	565
Max. permissible weight	kg	1885 (1915)
Max. axle load, front/rear	kg	885 / 1090
Max. trailer load, braked (12%/unbraked)	kg	1500 / 690
Max. roof load/max towbar download	kg	75 / 75
Luggage comp. capacity	ltr	360 – 1200
Air resistance	C <sub>d</sub> x A	0.30 x 2.14
<b>Power Unit</b>		
Config./No. of cyls./valves		in-line / 3 / 4
Engine technology		BMW TwinPower Turbo technology: turbocharger with variable inlet geometry, common rail direct injection with solenoid valve injectors, max. injection pressure: 2,000 bar
Effective capacity	cm <sup>3</sup>	1496
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel		diesel
Max. output	kW/hp	85 / 116
at	rpm	4000
Max torque	Nm	270
at	rpm	1750 – 2250
<b>Electrical System</b>		
Battery/installation	Ah/-	90 / luggage comp.
Alternator	A/W	180 / 2520
<b>Driving Dynamics and Safety</b>		
Suspension, front		Aluminium double-joint spring strut axle
Suspension, rear		Five-link axle in lightweight steel construction with double elastic bearing
Brakes, front		Single-piston floating-calliper disc brakes
Brakes, rear		Single-piston floating-calliper disc brakes
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
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), optional: Servotronic function, variable sport steering
Steering ratio, overall	:1	15.0
Tyres, front/rear		195/55 R16 87H
Rims, front/rear		6.5J x 16 steel

**BMW 116d 3-door**

**Transmission**

Type of transmission	6-speed manual (optional: 8-speed Steptronic transmission)		
Gear ratios	I	:1	4.002 (5.000)
	II	:1	2.130 (3.200)
	III	:1	1.396 (2.143)
	IV	:1	1.000 (1.720)
	V	:1	0.781 (1.314)
	VI	:1	0.668 (1.000)
	VII	:1	– (0.822)
	VIII	:1	– (0.640)
	R	:1	3.647 (3.456)
Final drive		:1	3.077 (2.647)

**Performance**

Power-to-weight ratio	kg/kW	15.5 (15.9)
Output per litre	kW/ltr	56.8
Acceleration 0–100 km/h	s	10.3 (10.3)
in 5th gear 80–120 km/h	s	11.7
Top speed	km/h	200 (200)

**BMW EfficientDynamics**

BMW EfficientDynamics standard features

Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, Optimum Gearshift Indicator, ECO PRO mode, intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-controlled oil pump, detachable a/c compressor, final drive with optimised warm-up behaviour, tyres with reduced roll resistance

**Fuel Consumption EU <sup>3)</sup>**

With standard tyres, rims 7J x 16 and tyres 205/55 R16 as well as winter tyres		
Urban	ltr/100 km	4.3 (4.1)
Extra-urban	ltr/100 km	3.3 (3.4)
Combined	ltr/100 km	3.7 (3.6)
CO <sub>2</sub>	g/km	97 (96)
With rims 7J x 17 and tyres 205/50 R17, with rims 7.5J x 17 and tyres 225/45 R 17, with rims 7.5J x 17 front, 8J x 17 rear and tyres 225/45 R17 front, 245/40 R17 rear		
Urban	ltr/100 km	4.7 (4.4)
Extra-urban	ltr/100 km	3.6 (3.6)
Combined	ltr/100 km	4.0 (3.9)
CO <sub>2</sub>	g/km	104 (103)
With rims 7.5J x 18 front, 8J x 18 rear and tyres 225/40 R18 front, 245/35 R18 rear		
Urban	ltr/100 km	4.8 (4.6)
Extra-urban	ltr/100 km	3.7 (3.8)
Combined	ltr/100 km	4.1 (4.1)
CO <sub>2</sub>	g/km	107 (107)
Emission rating		EU6

Specifications apply to ACEA markets/data relevant to homologation apply in part only to Germany (weight)  
Figures in brackets apply to automatic transmission

<sup>1)</sup> Height with roof fin: 1440 mm

<sup>2)</sup> Oil change

<sup>3)</sup> Fuel consumption and CO<sub>2</sub> emission figures depend on the selected tyre format

# BMW 116d EfficientDynamics Edition 3-door.

<b>BMW 116d EfficientDynamics Edition 3-door</b>		
<b>Body</b>		
No. of doors/seats		3 / 4 (5)
Length/width/height <sup>1)</sup> (unladen)	mm	4329 / 1765 / 1413
Wheelbase	mm	2690
Track, front/rear	mm	1523 / 1558
Ground clearance	mm	132
Turning circle	m	10.9
Fuel tank capacity	approx. ltr	52
Cooling system incl. heater	ltr	7.0
Engine oil <sup>2)</sup>	ltr	4.4
Weight, unladen, to DIN/EU	kg	1320 / 1395
Max. load to DIN	kg	565
Max. permissible weight	kg	1885
Max. axle load, front/rear	kg	855 / 1090
Max. trailer load, braked (12%)/unbraked	kg	- / -
Max. roof load/max towbar download	kg	75 / -
Luggage comp. capacity	ltr	360 – 1200
Air resistance	C <sub>d</sub> x A	0.29 x 2.14
<b>Power Unit</b>		
Config./No. of cyls./valves		in-line / 3 / 4
Engine technology		BMW TwinPower Turbo technology: turbocharger with variable inlet geometry, common rail direct injection with solenoid valve injectors, max. injection pressure: 2,000 bar
Effective capacity	cm <sup>3</sup>	1496
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel		diesel
Max. output	kW/hp	85 / 116
at	rpm	4000
Max torque	Nm	270
at	rpm	1750 – 2250
<b>Electrical System</b>		
Battery/installation	Ah/-	90 / luggage comp.
Alternator	A/W	180 / 2520
<b>Driving Dynamics and Safety</b>		
Suspension, front		Aluminium double-joint spring strut axle
Suspension, rear		Five-link axle in lightweight steel construction with double elastic bearing
Brakes, front		Single-piston floating-calliper disc brakes
Brakes, rear		Single-piston floating-calliper disc brakes
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
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), optional: Servotronic function, variable sport steering
Steering ratio, overall	:1	15.0
Tyres, front/rear		205/55 R16 91V
Rims, front/rear		7J x 16 steel

**BMW 116d EfficientDynamics Edition 3-door**

**Transmission**

Type of transmission	6-speed manual		
Gear ratios	I	:1	4.002
	II	:1	2.130
	III	:1	1.396
	IV	:1	1.000
	V	:1	0.781
	VI	:1	0.668
	R	:1	3.647
Final drive		:1	2.929

**Performance**

Power-to-weight ratio	kg/kW	15.5
Output per litre	kW/ltr	56.8
Acceleration 0–100 km/h	s	10.4
in 5th gear 80–120 km/h	s	12.9
Top speed	km/h	195

**BMW EfficientDynamics**

BMW EfficientDynamics standard features	Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, Optimum Gearshift Indicator, ECO PRO mode, intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-controlled oil pump, detachable a/c compressor, final drive with optimised warm-up behaviour, tyres with reduced roll resistance
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**Fuel Consumption EU <sup>3)</sup>**

With standard tyres		
Urban	ltr/100 km	3.9
Extra-urban	ltr/100 km	3.1
Combined	ltr/100 km	3.4
CO <sub>2</sub>	g/km	89
With rims 7J x 17 and tyres 205/50 R17, with rims 7.5J x 17 and tyres 225/45 R 17, with rims 7.5J x 17 front, 8J x 17 rear and tyres 225/45 R17 front, 245/40 R17 rear as well as winter tyres		
Urban	ltr/100 km	4.3
Extra-urban	ltr/100 km	3.4
Combined	ltr/100 km	3.7
CO <sub>2</sub>	g/km	98
With rims 7.5J x 18 front, 8J x 18 rear and tyres 225/40 R18 front, 245/35 R18 rear		
Urban	ltr/100 km	4.4
Extra-urban	ltr/100 km	3.5
Combined	ltr/100 km	3.8
CO <sub>2</sub>	g/km	101
Emission rating		EU6

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

<sup>1)</sup> Height with roof fin: 1432 mm

<sup>2)</sup> Oil change

<sup>3)</sup> Fuel consumption and CO<sub>2</sub> emission figures depend on the selected tyre format

# BMW 118d 3-door, BMW 118d xDrive 3-door.

		<b>BMW 118d 3-door</b>	<b>BMW 118d xDrive 3-door</b>
<b>Body</b>			
No. of doors/seats		3 / 4 (5)	3 / 4 (5)
Length/width/height <sup>1)</sup> (unladen)	mm	4329 / 1765 / 1421	4329 / 1765 / 1421
Wheelbase	mm	2690	2690
Track, front/rear	mm	1535 / 1569	1522 / 1556
Ground clearance	mm	140	140
Turning circle	m	10.9	11.3
Fuel tank capacity	approx. ltr	52	52
Cooling system incl. heater	ltr	7.0	7.0
Engine oil <sup>2)</sup>	ltr	5.0	5.0
Weight, unladen, to DIN/EU	kg	1350 / 1425 (1375 / 1450)	1420 / 1495
Max. load to DIN	kg	565	550
Max. permissible weight	kg	1915 (1940)	1970
Max. axle load, front/rear	kg	900 / 1090	940 / 1090
Max. trailer load, braked (12%/unbraked)	kg	1500 / 690	1500 / 710
Max. roof load/max towbar download	kg	75 / 75	75 / 75
Luggage comp. capacity	ltr	360 – 1200	360 – 1200
Air resistance	C <sub>d</sub> x A	0.30 x 2.14	0.31 x 2.14
<b>Power Unit</b>			
Config./No. of cyls./valves		in-line / 4 / 4	in-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: turbocharger with variable inlet geometry, common rail direct injection with solenoid valve injectors, max. injection pressure: 2,000 bar	
Effective capacity	cm <sup>3</sup>	1995	1995
Stroke/bore	mm	90.0 / 84.0	90.0 / 84.0
Compression ratio	:1	16.5	16.5
Fuel		diesel	diesel
Max. output	kW/hp	110 / 150	110 / 150
at	rpm	4000	4000
Max torque	Nm	320	320
at	rpm	1500 – 3000	1500 – 3000
<b>Electrical System</b>			
Battery/installation	Ah/–	90 / luggage comp.	90 / luggage comp.
Alternator	A/W	150 / 2100	150 / 2100
<b>Driving Dynamics and Safety</b>			
Suspension, front		Aluminium double-joint spring strut axle	
Suspension, rear		Five-link axle in lightweight steel construction with double elastic bearing	
Brakes, front		Single-piston floating-calliper disc brakes	
Brakes, rear		Single-piston floating-calliper disc brakes	
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; BMW 118d xDrive: linked to xDrive all-wheel-drive system in Integrated Chassis Management (ICM)	
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), optional: Servotronic function, variable sport steering	
Steering ratio, overall	:1	15.0	15.1
Tyres, front/rear		195/55 R16 87W	205/55 R16 91V
Rims, front/rear		6.5J x 16 steel	7J x 16 steel

		<b>BMW 118d 3-door</b>	<b>BMW 118d xDrive 3-door</b>
<b>Transmission</b>			
Type of transmission		6-speed manual (optional: 8-speed Steptronic transmission)	6-speed manual
Gear ratios	I	:1	4.002 (5.000)
	II	:1	2.130 (3.200)
	III	:1	1.396 (2.143)
	IV	:1	1.000 (1.720)
	V	:1	0.781 (1.314)
	VI	:1	0.668 (1.000)
	VII	:1	– (0.822)
	VIII	:1	– (0.640)
	R	:1	3.647 (3.456)
Final drive		:1	3.077 (2.647)
<b>Performance</b>			
Power-to-weight ratio	kg/kW		12.3 (12.5)
Output per litre	kW/ltr		55.1
Acceleration	0–100 km/h	s	8.3 (8.1)
in 5th gear	80–120 km/h	s	9.2 (–)
Top speed	km/h		212 (212)
<b>BMW EfficientDynamics</b>			
BMW EfficientDynamics standard features	Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, Optimum Gearshift Indicator, ECO PRO mode with coasting function (automatic), intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-controlled oil pump, detachable a/c compressor, final drive with optimised warm-up behaviour, efficiency- and weight-optimised transfer case (BMW 118d xDrive), tyres with reduced roll resistance		
<b>Fuel Consumption EU <sup>3)</sup></b>			
With standard tyres			
Urban	ltr/100 km		5.0 (4.7)
Extra-urban	ltr/100 km		3.6 (3.6)
Combined	ltr/100 km		4.1 (4.0)
CO <sub>2</sub>	g/km		109 (105)
With rims 7J x 16 and tyres 205/55 R16 (BMW 118d), with rims 7J x 17 and tyres 205/50 R17, with rims 7.5J x 17 and tyres 225/45 R 17 as well as winter tyres, with rims 7.5J x 17 front, 8J x 17 rear and tyres 225/45 R17 front, 245/40 R17 rear			
Urban	ltr/100 km		4.8 (4.5)
Extra-urban	ltr/100 km		3.5 (3.4)
Combined	ltr/100 km		4.0 (3.8)
CO <sub>2</sub>	g/km		104 (99)
With rims 7.5J x 18 front, 8J x 18 rear and tyres 225/40 R18 front, 245/35 R18 rear			
Urban	ltr/100 km		5.2 (4.9)
Extra-urban	ltr/100 km		3.8 (3.8)
Combined	ltr/100 km		4.3 (4.2)
CO <sub>2</sub>	g/km		114 (110)
Emission rating			EU6

Specifications apply to ACEA markets/data relevant to homologation apply in part only to Germany (weight)  
BMW 118d: figures in brackets apply to automatic transmission

<sup>1)</sup> Height with roof fin: 1440 mm

<sup>2)</sup> Oil change

<sup>3)</sup> Fuel consumption and CO<sub>2</sub> emission figures depend on the selected tyre format

# BMW 120d 3-door, BMW 120d xDrive 3-door.

		<b>BMW 120d 3-door</b>	<b>BMW 120d xDrive 3-door</b>
<b>Body</b>			
No. of doors/seats		3 / 4 (5)	3 / 4 (5)
Length/width/height <sup>1)</sup> (unladen)	mm	4329 / 1765 / 1421	4329 / 1765 / 1421
Wheelbase	mm	2690	2690
Track, front/rear	mm	1521 / 1556	1522 / 1556
Ground clearance	mm	140	140
Turning circle	m	10.9	11.3
Fuel tank capacity	approx. ltr	52	52
Cooling system incl. heater	ltr	7.0	7.0
Engine oil <sup>2)</sup>	ltr	5.0	5.0
Weight, unladen, to DIN/EU	kg	1370 / 1445 (1385 / 1460)	1450 / 1525
Max. load to DIN	kg	565	550
Max. permissible weight	kg	1935 (1950)	2000
Max. axle load, front/rear	kg	900 / 1090	975 / 1090
Max. trailer load, braked (12%/unbraked)	kg	1500 / 710	1500 / 750
Max. roof load/max towbar download	kg	75 / 75	75 / 75
Luggage comp. capacity	ltr	360 – 1200	360 – 1200
Air resistance	C <sub>d</sub> x A	0.30 x 2.14	0.31 x 2.14
<b>Power Unit</b>			
Config./No. of cyls./valves		in-line / 4 / 4	in-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: turbocharger with variable inlet geometry, common rail direct injection with solenoid valve injectors, max. injection pressure: 2,000 bar	
Effective capacity	cm <sup>3</sup>	1995	1995
Stroke/bore	mm	90.0 / 84.0	90.0 / 84.0
Compression ratio	:1	16.5	16.5
Fuel		diesel	diesel
Max. output	kW/hp	140 / 190	140 / 190
at	rpm	4000	4000
Max torque	Nm	400	400
at	rpm	1750 – 2500	1750 – 2500
<b>Electrical System</b>			
Battery/installation	Ah/–	90 / luggage comp.	90 / luggage comp.
Alternator	A/W	150 / 2100	150 / 2100
<b>Driving Dynamics and Safety</b>			
Suspension, front		Aluminium double-joint spring strut axle	
Suspension, rear		Five-link axle in lightweight steel construction with double elastic bearing	
Brakes, front		Single-piston floating-calliper disc brakes	
Brakes, rear		Single-piston floating-calliper disc brakes	
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; BMW 120d xDrive: linked to xDrive all-wheel-drive system in Integrated Chassis Management (ICM)	
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), optional: Servotronic function, variable sport steering	
Steering ratio, overall	:1	15.0	15.1
Tyres, front/rear		205/55 R16 91V	205/55 R16 91V
Rims, front/rear		7J x 16 steel	7J x 16 steel

		<b>BMW 120d 3-door</b>	<b>BMW 120d xDrive 3-door</b>
<b>Transmission</b>			
Type of transmission		6-speed manual (optional: 8-speed Steptronic transmission)	8-speed Steptronic transmission
Gear ratios	I	:1	4.110 (5.000)
	II	:1	2.248 (3.200)
	III	:1	1.403 (2.143)
	IV	:1	1.000 (1.720)
	V	:1	0.802 (1.314)
	VI	:1	0.659 (1.000)
	VII	:1	– (0.822)
	VIII	:1	– (0.640)
	R	:1	3.727 (3.456)
Final drive		:1	3.077 (2.647)

<b>Performance</b>			
Power-to-weight ratio		kg/kW	9.8 (9.9)
Output per litre		kW/ltr	70.2
Acceleration	0–100 km/h	s	7.1 (7.0)
in 5th gear	80–120 km/h	s	7.2 (–)
Top speed		km/h	228 (228)

**BMW EfficientDynamics**

BMW EfficientDynamics standard features	Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, Optimum Gearshift Indicator, ECO PRO mode with coasting function (automatic), intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-controlled oil pump, detachable a/c compressor, final drive with optimised warm-up behaviour, efficiency- and weight-optimised transfer case (BMW 120d xDrive), tyres with reduced roll resistance
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**Fuel Consumption EU <sup>3)</sup>**

With standard tyres			
Urban	ltr/100 km	5.0 (4.6)	5.1
Extra-urban	ltr/100 km	3.6 (3.5)	3.9
Combined	ltr/100 km	4.1 (3.9)	4.3
CO <sub>2</sub>	g/km	108 (103)	113
With rims 7J x 17 and tyres 205/50 R17, with rims 7.5J x 17 and tyres 225/45 R 17 as well as winter tyres, with rims 7.5J x 17 front, 8J x 17 rear and tyres 225/45 R17 front, 245/40 R17 rear			
Urban	ltr/100 km	5.3 (4.9)	5.3
Extra-urban	ltr/100 km	3.7 (3.7)	4.1
Combined	ltr/100 km	4.3 (4.1)	4.5
CO <sub>2</sub>	g/km	114 (109)	119
With rims 7.5J x 18 front, 8J x 18 rear and tyres 225/40 R18 front, 245/35 R18 rear			
Urban	ltr/100 km	5.5 (5.1)	5.5
Extra-urban	ltr/100 km	3.9 (3.9)	4.3
Combined	ltr/100 km	4.5 (4.3)	4.7
CO <sub>2</sub>	g/km	118 (114)	124
Emission rating		EU6	EU6

Specifications apply to ACEA markets/data relevant to homologation apply in part only to Germany (weight)  
BMW 120d: figures in brackets apply to automatic transmission (standard in the BMW 120d xDrive)

<sup>1)</sup> Height with roof fin: 1440 mm

<sup>2)</sup> Oil change

<sup>3)</sup> Fuel consumption and CO<sub>2</sub> emission figures depend on the selected tyre format

# BMW 125d 3-door.

<b>BMW 125d 3-door</b>		
<b>Body</b>		
No. of doors/seats		3 / 4 (5)
Length/width/height <sup>1)</sup> (unladen)	mm	4329 / 1765 / 1421
Wheelbase	mm	2690
Track, front/rear	mm	1521 / 1556
Ground clearance	mm	140
Turning circle	m	10.9
Fuel tank capacity	approx. ltr	52
Cooling system incl. heater	ltr	7.0
Engine oil <sup>2)</sup>	ltr	5.0
Weight, unladen, to DIN/EU	kg	1425 / 1500
Max. load to DIN	kg	565
Max. permissible weight	kg	1990
Max. axle load, front/rear	kg	940 / 1090
Max. trailer load, braked (12%)/unbraked	Kg	1500 / 740
Max. roof load/max towbar download	kg	75 / 75
Luggage comp. capacity	ltr	360 – 1200
Air resistance	C <sub>d</sub> x A	0.31 x 2.14
<b>Power Unit</b>		
Config./No. of cyls./valves		in-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: multi-stage charging, high-pressure and variable-geometry turbocharger, common rail direct injection with solenoid valve injectors, max. injection pressure: 2,500 bar
Effective capacity	cm <sup>3</sup>	1995
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel		diesel
Max. output	kW/hp	165 / 224
at	rpm	4400
Max torque	Nm	450
at	rpm	1500 – 3000
<b>Electrical System</b>		
Battery/installation	Ah/–	90 / luggage comp.
Alternator	A/W	150 / 2100
<b>Driving Dynamics and Safety</b>		
Suspension, front		Aluminium double-joint spring strut axle
Suspension, rear		Five-link axle in lightweight steel construction with double elastic bearing
Brakes, front		Single-piston floating-calliper disc brakes
Brakes, rear		Single-piston floating-calliper disc brakes
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
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), optional: Servotronic function, variable sport steering
Steering ratio, overall	:1	15.0
Tyres, front/rear		205/50 R17 89Y
Rims, front/rear		7J x 17 light-alloy

**BMW 125d 3-door**

**Transmission**

Type of transmission	8-speed Steptronic transmission		
Gear ratios	I	:1	5.000
	II	:1	3.200
	III	:1	2.143
	IV	:1	1.720
	V	:1	1.314
	VI	:1	1.000
	VII	:1	0.822
	VIII	:1	0.640
	R	:1	3.456
Final drive		:1	2.647

**Performance**

Power-to-weight ratio	kg/kW	8.6
Output per litre	kW/ltr	82.7
Acceleration 0–100 km/h	s	6.3
in 5th gear 80–120 km/h	s	–
Top speed	km/h	240

**BMW EfficientDynamics**

BMW EfficientDynamics standard features	Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, Optimum Gearshift Indicator, ECO PRO mode with coasting function, intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-controlled oil pump, detachable a/c compressor, final drive with optimised warm-up behaviour, tyres with reduced roll resistance
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**Fuel Consumption EU <sup>3)</sup>**

With standard tyres		
Urban	ltr/100 km	5.1
Extra-urban	ltr/100 km	3.9
Combined	ltr/100 km	4.3
CO <sub>2</sub>	g/km	114
With rims 7.5J x 17 and tyres 225/45 R 17 as well as winter tyres, with rims 7.5J x 17 front, 8J x 17 rear and tyres 225/45 R17 front, 245/40 R17 rear, with rims 7.5J x 18 front, 8J x 18 rear and tyres 225/40 R18 front, 245/35 R18 rear		
Urban	ltr/100 km	5.4
Extra-urban	ltr/100 km	4.1
Combined	ltr/100 km	4.6
CO <sub>2</sub>	g/km	121
Emission rating		EU6

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

<sup>1)</sup> Height with roof fin: 1440 mm

<sup>2)</sup> Oil change

<sup>3)</sup> Fuel consumption and CO<sub>2</sub> emission figures depend on the selected tyre format

<b>BMW 116i 5-door</b>		
<b>Body</b>		
No. of doors/seats		5 / 5
Length/width/height <sup>1)</sup> (unladen)	mm	4329 / 1765 / 1421
Wheelbase	mm	2690
Track, front/rear	mm	1535 / 1569
Ground clearance	mm	140
Turning circle	m	10.9
Fuel tank capacity	approx. ltr	52
Cooling system incl. heater	ltr	7.7
Engine oil <sup>2)</sup>	ltr	4.25
Weight, unladen, to DIN/EU	kg	1305 / 1380
Max. load to DIN	kg	565
Max. permissible weight	kg	1870
Max. axle load, front/rear	kg	850 / 1090
Max. trailer load, braked (12%)/unbraked	kg	1200 / 650
Max. roof load/max towbar download	kg	75 / 75
Luggage comp. capacity	ltr	360 – 1200
Air resistance	C <sub>d</sub> x A	0.31 x 2.14
<b>Power Unit</b>		
Config./No. of cyls./valves		in-line / 3 / 4
Engine technology		BMW TwinPower Turbo technology: turbocharger, High Precision Direct Injection, fully variable valve control (VALVETRONIC), Double-VANOS variable camshaft control
Effective capacity	cm <sup>3</sup>	1499
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	11.0
Fuel		min RON 91
Max. output	kW/hp	80 / 109
at	rpm	4500 – 6000
Max torque	Nm	180
at	rpm	1250
<b>Electrical System</b>		
Battery/installation	Ah/–	90 / luggage comp.
Alternator	A/W	180 / 2520
<b>Driving Dynamics and Safety</b>		
Suspension, front		Aluminium double-joint spring strut axle
Suspension, rear		Five-link axle in lightweight steel construction with double elastic bearing
Brakes, front		Single-piston floating-calliper disc brakes
Brakes, rear		Single-piston floating-calliper disc brakes
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
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), optional: Servotronic function, variable sport steering
Steering ratio, overall	:1	15.0
Tyres, front/rear		195/55 R16 87H
Rims, front/rear		6.5J x 16 steel

**BMW 116i 5-door**

**Transmission**

Type of transmission	6-speed manual		
Gear ratios	I	:1	4.552
	II	:1	2.548
	III	:1	1.659
	IV	:1	1.230
	V	:1	1.000
	VI	:1	0.830
	R	:1	4.138
Final drive		:1	2.813

**Performance**

Power-to-weight ratio	kg/kW	16.3
Output per litre	kW/ltr	53.4
Acceleration	0–100 km/h	s
		10.9
in 5th gear	80–120 km/h	s
		14.8
Top speed	km/h	195

**BMW EfficientDynamics**

BMW EfficientDynamics standard features	Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, Optimum Gearshift Indicator, ECO PRO mode, intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-controlled oil pump, detachable a/c compressor, final drive with optimised warm-up behaviour, tyres with reduced roll resistance
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**Fuel Consumption EU <sup>3)</sup>**

With standard tyres, rims 7J x 16 and tyres 205/55 R16 as well as winter tyres		
Urban	ltr/100 km	6.3
Extra-urban	ltr/100 km	4.2
Combined	ltr/100 km	5.0
CO <sub>2</sub>	g/km	116
With rims 7J x 17 and tyres 205/50 R17, with rims 7.5J x 17 and tyres 225/45 R 17, with rims 7.5J x 17 front, 8J x 17 rear and tyres 225/45 R17 front, 245/40 R17 rear		
Urban	ltr/100 km	6.7
Extra-urban	ltr/100 km	4.5
Combined	ltr/100 km	5.3
CO <sub>2</sub>	g/km	123
With rims 7.5J x 18 front, 8J x 18 rear and tyres 225/40 R18 front, 245/35 R18 rear		
Urban	ltr/100 km	6.8
Extra-urban	ltr/100 km	4.6
Combined	ltr/100 km	5.4
CO <sub>2</sub>	g/km	126
Emission rating		EU6

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

<sup>1)</sup> Height with roof fin: 1440 mm

<sup>2)</sup> Oil change

<sup>3)</sup> Fuel consumption and CO<sub>2</sub> emission figures depend on the selected tyre format

# BMW 118i 5-door, BMW 120i 5-door.

		<b>BMW 118i 5-door</b>	<b>BMW 120i 5-door</b>
<b>Body</b>			
No. of doors/seats		5 / 5	5 / 5
Length/width/height <sup>1)</sup> (unladen)	mm	4329 / 1765 / 1421	4329 / 1765 / 1421
Wheelbase	mm	2690	2690
Track, front/rear	mm	1535 / 1569	1535 / 1569
Ground clearance	mm	140	140
Turning circle	m	10.9	10.9
Fuel tank capacity	approx. ltr	52	52
Cooling system incl. heater	ltr	6.4 (7.0)	6.4 (7.0)
Engine oil <sup>2)</sup>	ltr	4.2	4.2
Weight, unladen, to DIN/EU	kg	1300 / 1375 (1320 / 1395)	1305 / 1380 (1320 / 1395)
Max. load to DIN	kg	565	565
Max. permissible weight	kg	1865 (1885)	1870 (1885)
Max. axle load, front/rear	kg	865 / 1090	870 / 1090
Max. trailer load, braked (12%/unbraked)	kg	1200 / 650	1200 / 670
Max. roof load/max towbar download	kg	75 / 75	75 / 75
Luggage comp. capacity	ltr	360 – 1200	360 – 1200
Air resistance	C <sub>d</sub> x A	0.31 x 2.14	0.31 x 2.14
<b>Power Unit</b>			
Config./No. of cyls./valves		in-line / 4 / 4	in-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: twin-scroll turbocharger, High Precision Direct Injection, fully variable valve control (VALVETRONIC), Double-VANOS variable camshaft control	
Effective capacity	cm <sup>3</sup>	1598	1598
Stroke/bore	mm	85.8 / 77.0	85.8 / 77.0
Compression ratio	:1	10.5	10.5
Fuel		min RON 91	min RON 91
Max. output	kW/hp	100 / 136	130 / 177
at	rpm	4400 – 6450	4800 – 6450
Max torque	Nm	220	250
at	rpm	1350 – 4300	1500 – 4500
<b>Electrical System</b>			
Battery/installation	Ah/–	80 / luggage comp.	80 / luggage comp.
Alternator	AW	170 / 2380	170 / 2380
<b>Driving Dynamics and Safety</b>			
Suspension, front		Aluminium double-joint spring strut axle	
Suspension, rear		Five-link axle in lightweight steel construction with double elastic bearing	
Brakes, front		Single-piston floating-calliper disc brakes	
Brakes, rear		Single-piston floating-calliper disc brakes	
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	
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), optional: Servotronic function, variable sport steering	
Steering ratio, overall	:1	15.0	15.0
Tyres, front/rear		195/55 R16 87H	195/55 R16 87W
Rims, front/rear		6.5J x 16 steel	6.5J x 16 steel

		<b>BMW 118i 5-door</b>	<b>BMW 120i 5-door</b>
<b>Transmission</b>			
Type of transmission	6-speed manual (optional: 8-speed Steptronic transmission)		
Gear ratios	I	:1	4.552 (4.714)
	II	:1	2.548 (3.143)
	III	:1	1.659 (2.106)
	IV	:1	1.230 (1.667)
	V	:1	1.000 (1.285)
	VI	:1	0.830 (1.000)
	VII	:1	– (0.839)
	VIII	:1	– (0.667)
	R	:1	4.138 (3.295)
Final drive		:1	2.813 (3.077)
			3.077 (3.077)
<b>Performance</b>			
Power-to-weight ratio	kg/kW		13.0 (13.2)
Output per litre	kW/ltr		62.6
Acceleration	0–100 km/h	s	8.5 (8.7)
	80–120 km/h	s	10.6 (–)
Top speed	km/h		210 (210)
			225 (222)
<b>BMW EfficientDynamics</b>			
BMW EfficientDynamics standard features	Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, Optimum Gearshift Indicator, ECO PRO mode, intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-controlled oil pump, final drive with optimised warm-up behaviour, tyres with reduced roll resistance		
<b>Fuel Consumption EU <sup>3)</sup></b>			
With standard tyres, rims 7J x 16 and tyres 205/55 R16 as well as winter tyres			
Urban	ltr/100 km		7.0 (7.2)
Extra-urban	ltr/100 km		4.5 (4.6)
Combined	ltr/100 km		5.4 (5.6)
CO <sub>2</sub>	g/km		125 (129)
With rims 7J x 17 and tyres 205/50 R17, with rims 7.5J x 17 and tyres 225/45 R 17, with rims 7.5J x 17 front, 8J x 17 rear and tyres 225/45 R17 front, 245/40 R17 rear			
Urban	ltr/100 km		7.2 (7.4)
Extra-urban	ltr/100 km		4.6 (4.8)
Combined	ltr/100 km		5.6 (5.7)
CO <sub>2</sub>	g/km		129 (133)
With rims 7.5J x 18 front, 8J x 18 rear and tyres 225/40 R18 front, 245/35 R18 rear			
Urban	ltr/100 km		7.4 (7.6)
Extra-urban	ltr/100 km		4.7 (4.9)
Combined	ltr/100 km		5.7 (5.9)
CO <sub>2</sub>	g/km		133 (137)
Emission rating			EU6

Specifications apply to ACEA markets/data relevant to homologation apply in part only to Germany (weight)  
Figures in brackets apply to automatic transmission

<sup>1)</sup> Height with roof fin: 1440 mm

<sup>2)</sup> Oil change

<sup>3)</sup> Fuel consumption and CO<sub>2</sub> emission figures depend on the selected tyre format

# BMW 125i 5-door.

<b>BMW 125i 5-door</b>		
<b>Body</b>		
No. of doors/seats		5 / 5
Length/width/height <sup>1)</sup> (unladen)	mm	4329 / 1765 / 1421
Wheelbase	mm	2690
Track, front/rear	mm	1521 / 1556
Ground clearance	mm	140
Turning circle	m	10.9
Fuel tank capacity	approx. ltr	52
Cooling system incl. heater	ltr	7.0 (7.6)
Engine oil <sup>2)</sup>	ltr	5.0
Weight, unladen, to DIN/EU	kg	1355 / 1430 (1375 / 1450)
Max. load to DIN	kg	565
Max. permissible weight	kg	1920 (1940)
Max. axle load, front/rear	kg	895 / 1120
Max. trailer load, braked (12%/unbraked)	kg	1200 / 680
Max. roof load/max towbar download	kg	75 / 75
Luggage comp. capacity	ltr	360 – 1200
Air resistance	C <sub>d</sub> x A	0.32 x 2.14
<b>Power Unit</b>		
Config./No. of cyls./valves		in-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: twin-scroll turbocharger, High Precision Direct Injection, fully variable valve control (VALVETRONIC), Double-VANOS variable camshaft control
Effective capacity	cm <sup>3</sup>	1997
Stroke/bore	mm	90.1 / 84.0
Compression ratio	:1	10.0
Fuel		min RON 91
Max. output	kW/hp	160 / 218
at	rpm	5000
Max torque	Nm	310
at	rpm	1350 – 4800
<b>Electrical System</b>		
Battery/installation	Ah/-	80 / luggage comp.
Alternator	A/W	170 / 2380
<b>Driving Dynamics and Safety</b>		
Suspension, front		Aluminium double-joint spring strut axle
Suspension, rear		Five-link axle in lightweight steel construction with double elastic bearing
Brakes, front		Single-piston floating-calliper disc brakes
Brakes, rear		Single-piston floating-calliper disc brakes
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
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), optional: Servotronic function, variable sport steering
Steering ratio, overall	:1	15.0
Tyres, front/rear		205/50 R17 89Y
Rims, front/rear		7J x 17 light-alloy

**BMW 125i 5-door**

**Transmission**

Type of transmission	6-speed manual (optional: 8-speed Steptronic transmission)		
Gear ratios	I	:1	3.683 (4.714)
	II	:1	2.062 (3.143)
	III	:1	1.313 (2.106)
	IV	:1	1.000 (1.667)
	V	:1	0.809 (1.285)
	VI	:1	0.677 (1.000)
	VII	:1	– (0.839)
	VIII	:1	– (0.667)
	R	:1	3.348 (3.295)
Final drive		:1	3.909 (3.077)

**Performance**

Power-to-weight ratio	kg/kW	8.5 (8.6)
Output per litre	kW/ltr	80.1
Acceleration 0–100 km/h	s	6.4 (6.2)
in 5th gear 80–120 km/h	s	7.5
Top speed	km/h	245 (243)

**BMW EfficientDynamics**

BMW EfficientDynamics standard features	Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, Optimum Gearshift Indicator, ECO PRO mode with coasting function (automatic), intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-controlled oil pump, final drive with optimised warm-up behaviour, tyres with reduced roll resistance
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**Fuel Consumption EU <sup>3)</sup>**

With standard tyres		
Urban	ltr/100 km	8.6 (8.5)
Extra-urban	ltr/100 km	5.4 (5.1)
Combined	ltr/100 km	6.6 (6.3)
CO <sub>2</sub>	g/km	154 (148)
With rims 7.5J x 17 and tyres 225/45 R 17 as well as winter tyres, with rims 7.5J x 17 front, 8J x 17 rear and tyres 225/45 R17 front, 245/40 R17 rear, with rims 7.5J x 18 front, 8J x 18 rear and tyres 225/40 R18 front, 245/35 R18 rear		
Urban	ltr/100 km	8.9 (8.7)
Extra-urban	ltr/100 km	5.4 (5.2)
Combined	ltr/100 km	6.7 (6.5)
CO <sub>2</sub>	g/km	157 (151)
Emission rating		EU6

Specifications apply to ACEA markets/data relevant to homologation apply in part only to Germany (weight)  
Figures in brackets apply to automatic transmission

<sup>1)</sup> Height with roof fin: 1440 mm

<sup>2)</sup> Oil change

<sup>3)</sup> Fuel consumption and CO<sub>2</sub> emission figures depend on the selected tyre format

# BMW M135i 5-door, BMW M135i xDrive 5-door.

		<b>BMW M135i 5-door</b>	<b>BMW M135i xDrive 5-door</b>
<b>Body</b>			
No. of doors/seats		5 / 5	5 / 5
Length/width/height <sup>1)</sup> (unladen)	mm	4324 / 1765 / 1411	4324 / 1765 / 1411
Wheelbase	mm	2690	2690
Track, front/rear	mm	1516 / 1534	1516 / 1534
Ground clearance	mm	130	130
Turning circle	m	10.9	11.3
Fuel tank capacity	approx. ltr	52	52
Cooling system incl. heater	ltr	6.9 (7.1)	7.1
Engine oil <sup>2)</sup>	ltr	6.5	6.5
Weight, unladen, to DIN/EU	kg	1430 / 1505 (1450 / 1525)	1520 / 1595
Max. load to DIN	kg	565	550
Max. permissible weight	kg	1995 (2015)	2070
Max. axle load, front/rear	kg	955 / 1120	1010 / 1120
Max. trailer load, braked (12%/unbraked)	kg	- / -	- / -
Max. roof load/max towbar download	kg	75 / -	75 / -
Luggage comp. capacity	ltr	360 – 1200	360 – 1200
Air resistance	C <sub>d</sub> x A	0.34 x 2.14	0.35 x 2.14
<b>Power Unit</b>			
Config./No. of cyls./valves		in-line / 6 / 4	in-line / 6 / 4
Engine technology		M Performance TwinPower Turbo technology: twin-scroll turbocharger, High Precision Direct Injection, fully variable valve control (VALVETRONIC), Double-VANOS variable camshaft control	
Effective capacity	cm <sup>3</sup>	2979	2979
Stroke/bore	mm	89.6 / 84.0	89.6 / 84.0
Compression ratio	:1	10.2	10.2
Fuel		min RON 91	min RON 91
Max. output	kW/hp	240 / 326	240 / 326
at	rpm	5800 – 6000	5800 – 6000
Max torque	Nm	450	450
at	rpm	1300 – 4500	1300 – 4500
<b>Electrical System</b>			
Battery/installation	Ah/-	80 / luggage comp.	80 / luggage comp.
Alternator	A/W	170 / 2380	170 / 2380
<b>Driving Dynamics and Safety</b>			
Suspension, front		Aluminium double-joint spring strut axle with M-specific elastokinematics	
Suspension, rear		Five-link axle in lightweight steel construction with double elastic bearing	
Brakes, front		Four-piston fixed-calliper disc brakes	
Brakes, rear		Twin-piston fixed-calliper disc brakes	
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; BMW M135i xDrive: linked to xDrive all-wheel-drive system in Integrated Chassis Management (ICM)	
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), variable sport steering incl. Servotronic function	
Steering ratio, overall	:1	14.5	14.6
Tyres, front/rear		225/40 ZR18 88Y/ 245/35 ZR18 92Y XL	225/40 ZR18 88Y/ 245/35 ZR18 92Y XL
Rims front/rear		7.5J x 18 light-alloy/ 8J x 18 light-alloy	7.5J x 18 light-alloy/ 8J x 18 light-alloy

		<b>BMW M135i 5-door</b>	<b>BMW M135i xDrive 5-door</b>
<b>Transmission</b>			
Type of transmission		6-speed manual (optional: 8-speed Steptronic sport transmission)	8-speed Steptronic sport transmission
Gear ratios	I	:1	4.110 (4.714)
	II	:1	2.315 (3.143)
	III	:1	1.542 (2.106)
	IV	:1	1.179 (1.667)
	V	:1	1.000 (1.285)
	VI	:1	0.846 (1.000)
	VII	:1	– (0.839)
	VIII	:1	– (0.667)
	R	:1	3.727 (3.295)
Final drive		:1	3.077 (3.077)
<b>Performance</b>			
Power-to-weight ratio		kg/kW	6.0 (6.0)
			6.3
Output per litre		kW/ltr	80.6
			80.6
Acceleration	0–100 km/h	s	5.1 (4.9)
			4.7
	in 5th gear	80–120 km/h	s
			5.0 (–)
			–
Top speed		km/h	250 (250)
			250
<b>BMW EfficientDynamics</b>			
BMW EfficientDynamics standard features		Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, Optimum Gearshift Indicator, ECO PRO mode with coasting function (automatic), intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-controlled oil pump, final drive with optimised warm-up behaviour, efficiency- and weight-optimised transfer case (BMW M135i xDrive), tyres with reduced roll resistance	
<b>Fuel Consumption EU</b>			
Urban		ltr/100 km	10.9 (10.3)
			10.8
Extra-urban		ltr/100 km	6.4 (5.9)
			6.1
Combined		ltr/100 km	8.0 (7.5)
			7.8
CO <sub>2</sub>		g/km	188 (175)
			182
Emission rating			EU6
			EU6

Specifications apply to ACEA markets/data relevant to homologation apply in part only to Germany (weight)  
BMW M135i: figures in brackets apply to automatic transmission (standard in the BMW M135i xDrive)

- <sup>1)</sup> Height with roof fin: 1430 mm  
<sup>2)</sup> Oil change

# BMW 116d 5-door.

<b>BMW 116d 5-door</b>		
<b>Body</b>		
No. of doors/seats		5 / 5
Length/width/height <sup>1)</sup> (unladen)	mm	4329 / 1765 / 1421
Wheelbase	mm	2690
Track, front/rear	mm	1535 / 1569
Ground clearance	mm	140
Turning circle	m	10.9
Fuel tank capacity	approx. ltr	52
Cooling system incl. heater	ltr	7.0
Engine oil <sup>2)</sup>	ltr	4.4
Weight, unladen, to DIN/EU	kg	1320 / 1395 (1350 / 1425)
Max. load to DIN	kg	565
Max. permissible weight	kg	1885 (1915)
Max. axle load, front/rear	kg	885 / 1090
Max. trailer load, braked (12%/unbraked)	kg	1500 / 690
Max. roof load/max towbar download	kg	75 / 75
Luggage comp. capacity	ltr	360 – 1200
Air resistance	C <sub>d</sub> x A	0.30 x 2.14
<b>Power Unit</b>		
Config./No. of cyls./valves		in-line / 3 / 4
Engine technology		BMW TwinPower Turbo technology: turbocharger with variable inlet geometry, common rail direct injection with solenoid valve injectors, max. injection pressure: 2,000 bar
Effective capacity	cm <sup>3</sup>	1496
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel		diesel
Max. output	kW/hp	85 / 116
at	rpm	4000
Max torque	Nm	270
at	rpm	1750 – 2250
<b>Electrical System</b>		
Battery/installation	Ah/-	90 / luggage comp.
Alternator	A/W	180 / 2520
<b>Driving Dynamics and Safety</b>		
Suspension, front		Aluminium double-joint spring strut axle
Suspension, rear		Five-link axle in lightweight steel construction with double elastic bearing
Brakes, front		Single-piston floating-calliper disc brakes
Brakes, rear		Single-piston floating-calliper disc brakes
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
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), optional: Servotronic function, variable sport steering
Steering ratio, overall	:1	15.0
Tyres, front/rear		195/55 R16 87H
Rims, front/rear		6.5J x 16 steel

**BMW 116d 5-door**

**Transmission**

Type of transmission	6-speed manual (optional: 8-speed Steptronic transmission)	
Gear ratios	I :1	4.002 (5.000)
	II :1	2.130 (3.200)
	III :1	1.396 (2.143)
	IV :1	1.000 (1.720)
	V :1	0.781 (1.314)
	VI :1	0.668 (1.000)
	VII :1	– (0.822)
	VIII :1	– (0.640)
	R :1	3.647 (3.456)
Final drive	:1	3.077 (2.647)

**Performance**

Power-to-weight ratio	kg/kW	15.5 (15.9)
Output per litre	kW/ltr	56.8
Acceleration 0–100 km/h	s	10.3 (10.3)
in 5th gear 80–120 km/h	s	11.7
Top speed	km/h	200 (200)

**BMW EfficientDynamics**

BMW EfficientDynamics standard features	Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, Optimum Gearshift Indicator, ECO PRO mode with coasting function (automatic), intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-controlled oil pump, detachable a/c compressor, final drive with optimised warm-up behaviour, tyres with reduced roll resistance
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**Fuel Consumption EU <sup>3)</sup>**

With standard tyres, rims 7J x 16 and tyres 205/55 R16 as well as winter tyres		
Urban	ltr/100 km	4.3 (4.1)
Extra-urban	ltr/100 km	3.3 (3.4)
Combined	ltr/100 km	3.7 (3.6)
CO <sub>2</sub>	g/km	97 (96)
With rims 7J x 17 and tyres 205/50 R17, with rims 7.5J x 17 and tyres 225/45 R 17, with rims 7.5J x 17 front, 8J x 17 rear and tyres 225/45 R17 front, 245/40 R17 rear		
Urban	ltr/100 km	4.7 (4.4)
Extra-urban	ltr/100 km	3.6 (3.6)
Combined	ltr/100 km	4.0 (3.9)
CO <sub>2</sub>	g/km	104 (103)
With rims 7.5J x 18 front, 8J x 18 rear and tyres 225/40 R18 front, 245/35 R18 rear		
Urban	ltr/100 km	4.8 (4.6)
Extra-urban	ltr/100 km	3.7 (3.8)
Combined	ltr/100 km	4.1 (4.1)
CO <sub>2</sub>	g/km	107 (107)
Emission rating		EU6

Specifications apply to ACEA markets/data relevant to homologation apply in part only to Germany (weight)  
Figures in brackets apply to automatic transmission

<sup>1)</sup> Height with roof fin: 1440 mm

<sup>2)</sup> Oil change

<sup>3)</sup> Fuel consumption and CO<sub>2</sub> emission figures depend on the selected tyre format

# BMW 116d EfficientDynamics Edition 5-door.

<b>BMW 116d EfficientDynamics Edition 5-door</b>		
<b>Body</b>		
No. of doors/seats		5 / 5
Length/width/height <sup>1)</sup> (unladen)	mm	4329 / 1765 / 1413
Wheelbase	mm	2690
Track, front/rear	mm	1523 / 1558
Ground clearance	mm	132
Turning circle	m	10.9
Fuel tank capacity	approx. ltr	52
Cooling system incl. heater	ltr	7.0
Engine oil <sup>2)</sup>	ltr	4.4
Weight, unladen, to DIN/EU	kg	1320 / 1395
Max. load to DIN	kg	565
Max. permissible weight	kg	1885
Max. axle load, front/rear	kg	855 / 1090
Max. trailer load, braked (12%)/unbraked	kg	- / -
Max. roof load/max towbar download	kg	75 / -
Luggage comp. capacity	ltr	360 – 1200
Air resistance	C <sub>d</sub> x A	0.29 x 2.14
<b>Power Unit</b>		
Config./No. of cyls./valves		in-line / 3 / 4
Engine technology		BMW TwinPower Turbo technology: turbocharger with variable inlet geometry, common rail direct injection with solenoid valve injectors, max. injection pressure: 2,000 bar
Effective capacity	cm <sup>3</sup>	1496
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel		diesel
Max. output	kW/hp	85 / 116
at	rpm	4000
Max torque	Nm	270
at	rpm	1750 – 2250
<b>Electrical System</b>		
Battery/installation	Ah/-	90 / luggage comp.
Alternator	A/W	180 / 2520
<b>Driving Dynamics and Safety</b>		
Suspension, front		Aluminium double-joint spring strut axle
Suspension, rear		Five-link axle in lightweight steel construction with double elastic bearing
Brakes, front		Single-piston floating-calliper disc brakes
Brakes, rear		Single-piston floating-calliper disc brakes
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
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), optional: Servotronic function, variable sport steering
Steering ratio, overall	:1	15.0
Tyres, front/rear		205/55 R16 91V
Rims, front/rear		7J x 16 steel

**BMW 116d EfficientDynamics Edition 5-door**

**Transmission**

Type of transmission	6-speed manual		
Gear ratios	I	:1	4.002
	II	:1	2.130
	III	:1	1.396
	IV	:1	1.000
	V	:1	0.781
	VI	:1	0.668
	R	:1	3.647
Final drive		:1	2.929

**Performance**

Power-to-weight ratio	kg/kW	15.5
Output per litre	kW/ltr	56.8
Acceleration 0–100 km/h	s	10.4
in 5th gear 80–120 km/h	s	12.9
Top speed	km/h	195

**BMW EfficientDynamics**

BMW EfficientDynamics standard features	Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, Optimum Gearshift Indicator, ECO PRO mode, intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-controlled oil pump, detachable a/c compressor, final drive with optimised warm-up behaviour, tyres with reduced roll resistance
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**Fuel Consumption EU <sup>3)</sup>**

With standard tyres		
Urban	ltr/100 km	3.9
Extra-urban	ltr/100 km	3.1
Combined	ltr/100 km	3.4
CO <sub>2</sub>	g/km	89
With rims 7J x 17 and tyres 205/50 R17, with rims 7.5J x 17 and tyres 225/45 R 17, with rims 7.5J x 17 front, 8J x 17 rear and tyres 225/45 R17 front, 245/40 R17 rear as well as winter tyres		
Urban	ltr/100 km	4.3
Extra-urban	ltr/100 km	3.4
Combined	ltr/100 km	3.7
CO <sub>2</sub>	g/km	98
With rims 7.5J x 18 front, 8J x 18 rear and tyres 225/40 R18 front, 245/35 R18 rear		
Urban	ltr/100 km	4.4
Extra-urban	ltr/100 km	3.5
Combined	ltr/100 km	3.8
CO <sub>2</sub>	g/km	101
Emission rating		EU6

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

<sup>1)</sup> Height with roof fin: 1432 mm

<sup>2)</sup> Oil change

<sup>3)</sup> Fuel consumption and CO<sub>2</sub> emission figures depend on the selected tyre format

# BMW 118d 5-door, BMW 118d xDrive 5-door.

		<b>BMW 118d 5-door</b>	<b>BMW 118d xDrive 5-door</b>
<b>Body</b>			
No. of doors/seats		5 / 5	5 / 5
Length/width/height <sup>1)</sup> (unladen)	mm	4329 / 1765 / 1421	4329 / 1765 / 1421
Wheelbase	mm	2690	2690
Track, front/rear	mm	1535 / 1569	1522 / 1556
Ground clearance	mm	140	140
Turning circle	m	10.9	11.3
Fuel tank capacity	approx. ltr	52	52
Cooling system incl. heater	ltr	7.0	7.0
Engine oil <sup>2)</sup>	ltr	5.0	5.0
Weight, unladen, to DIN/EU	kg	1350 / 1425 (1375 / 1450)	1425 / 1500
Max. load to DIN	kg	565	550
Max. permissible weight	kg	1915 (1940)	1975
Max. axle load, front/rear	kg	900 / 1090	940 / 1090
Max. trailer load, braked (12%/unbraked)	kg	1500 / 690	1500 / 710
Max. roof load/max towbar download	kg	75 / 75	75 / 75
Luggage comp. capacity	ltr	360 – 1200	360 – 1200
Air resistance	C <sub>d</sub> x A	0.30 x 2.14	0.31 x 2.14
<b>Power Unit</b>			
Config./No. of cyls./valves		in-line / 4 / 4	in-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: turbocharger with variable inlet geometry, common rail direct injection with solenoid valve injectors, max. injection pressure: 2,000 bar	
Effective capacity	cm <sup>3</sup>	1995	1995
Stroke/bore	mm	90.0 / 84.0	90.0 / 84.0
Compression ratio	:1	16.5	16.5
Fuel		diesel	diesel
Max. output	kW/hp	110 / 150	110 / 150
at	rpm	4000	4000
Max torque	Nm	320	320
at	rpm	1500 – 3000	1500 – 3000
<b>Electrical System</b>			
Battery/installation	Ah/–	90 / luggage comp.	90 / luggage comp.
Alternator	A/W	150 / 2100	150 / 2100
<b>Driving Dynamics and Safety</b>			
Suspension, front		Aluminium double-joint spring strut axle	
Suspension, rear		Five-link axle in lightweight steel construction with double elastic bearing	
Brakes, front		Single-piston floating-calliper disc brakes	
Brakes, rear		Single-piston floating-calliper disc brakes	
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; BMW 118d xDrive: linked to xDrive all-wheel-drive system in Integrated Chassis Management (ICM)	
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), optional: Servotronic function, variable sport steering	
Steering ratio, overall	:1	15.0	15.1
Tyres, front/rear		195/55 R16 87W	205/55 R16 91V
Rims, front/rear		6.5J x 16 steel	7J x 16 steel

		<b>BMW 118d 5-door</b>	<b>BMW 118d xDrive 5-door</b>
<b>Transmission</b>			
Type of transmission		6-speed manual (optional: 8-speed Steptronic transmission)	6-speed manual
Gear ratios	I	:1	4.002 (5.000)
	II	:1	2.130 (3.200)
	III	:1	1.396 (2.143)
	IV	:1	1.000 (1.720)
	V	:1	0.781 (1.314)
	VI	:1	0.668 (1.000)
	VII	:1	– (0.822)
	VIII	:1	– (0.640)
	R	:1	3.647 (3.456)
Final drive		:1	3.077 (2.647)
<b>Performance</b>			
Power-to-weight ratio	kg/kW	12.3 (12.5)	13.0
Output per litre	kW/ltr	55.1	55.1
Acceleration	0–100 km/h	s	8.3 (8.1)
in 5th gear	80–120 km/h	s	9.2 (–)
Top speed	km/h	212 (212)	210
<b>BMW EfficientDynamics</b>			
BMW EfficientDynamics standard features	Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, Optimum Gearshift Indicator, ECO PRO mode with coasting function (automatic), intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-controlled oil pump, detachable a/c compressor, final drive with optimised warm-up behaviour, efficiency- and weight-optimised transfer case (BMW 118d xDrive), tyres with reduced roll resistance		
<b>Fuel Consumption EU <sup>3)</sup></b>			
With standard tyres			
Urban	ltr/100 km	5.0 (4.7)	5.1
Extra-urban	ltr/100 km	3.6 (3.6)	3.8
Combined	ltr/100 km	4.1 (4.0)	4.3
CO <sub>2</sub>	g/km	109 (105)	113
With rims 7J x 16 and tyres 205/55 R16 (BMW 118d), with rims 7J x 17 and tyres 205/50 R17, with rims 7.5J x 17 and tyres 225/45 R 17 as well as winter tyres, with rims 7.5J x 17 front, 8J x 17 rear and tyres 225/45 R17 front, 245/40 R17 rear			
Urban	ltr/100 km	4.8 (4.5)	5.4
Extra-urban	ltr/100 km	3.5 (3.4)	4.0
Combined	ltr/100 km	4.0 (3.8)	4.5
CO <sub>2</sub>	g/km	104 (99)	119
With rims 7.5J x 18 front, 8J x 18 rear and tyres 225/40 R18 front, 245/35 R18 rear			
Urban	ltr/100 km	5.2 (4.9)	5.6
Extra-urban	ltr/100 km	3.8 (3.8)	4.1
Combined	ltr/100 km	4.3 (4.2)	4.7
CO <sub>2</sub>	g/km	114 (110)	123
Emission rating		EU6	EU6

Specifications apply to ACEA markets/data relevant to homologation apply in part only to Germany (weight)  
BMW 118d: figures in brackets apply to automatic transmission

<sup>1)</sup> Height with roof fin: 1440 mm

<sup>2)</sup> Oil change

<sup>3)</sup> Fuel consumption and CO<sub>2</sub> emission figures depend on the selected tyre format

# BMW 120d 5-door, BMW 120d xDrive 5-door.

		<b>BMW 120d 5-door</b>	<b>BMW 120d xDrive 5-door</b>
<b>Body</b>			
No. of doors/seats		5 / 5	5 / 5
Length/width/height <sup>1)</sup> (unladen)	mm	4329 / 1765 / 1421	4329 / 1765 / 1421
Wheelbase	mm	2690	2690
Track, front/rear	mm	1521 / 1556	1522 / 1556
Ground clearance	mm	140	140
Turning circle	m	10.9	11.3
Fuel tank capacity	approx. ltr	52	52
Cooling system incl. heater	ltr	7.0	7.0
Engine oil <sup>2)</sup>	ltr	5.0	5.0
Weight, unladen, to DIN/EU	kg	1375 / 1450 (1390 / 1465)	1455 / 1530
Max. load to DIN	kg	565	550
Max. permissible weight	kg	1940 (1955)	2005
Max. axle load, front/rear	kg	900 / 1090	975 / 1090
Max. trailer load, braked (12%/unbraked)	kg	1500 / 710	1500 / 750
Max. roof load/max towbar download	kg	75 / 75	75 / 75
Luggage comp. capacity	ltr	360 – 1200	360 – 1200
Air resistance	C <sub>d</sub> x A	0.30 x 2.14	0.31 x 2.14
<b>Power Unit</b>			
Config./No. of cyls./valves		in-line / 4 / 4	in-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: turbocharger with variable inlet geometry, common rail direct injection with solenoid valve injectors, max. injection pressure: 2,000 bar	
Effective capacity	cm <sup>3</sup>	1995	1995
Stroke/bore	mm	90.0 / 84.0	90.0 / 84.0
Compression ratio	:1	16.5	16.5
Fuel		diesel	diesel
Max. output	kW/hp	140 / 190	140 / 190
at	rpm	4000	4000
Max torque	Nm	400	400
at	rpm	1750 – 2500	1750 – 2500
<b>Electrical System</b>			
Battery/installation	Ah/–	90 / luggage comp.	90 / luggage comp.
Alternator	A/W	150 / 2100	150 / 2100
<b>Driving Dynamics and Safety</b>			
Suspension, front		Aluminium double-joint spring strut axle	
Suspension, rear		Five-link axle in lightweight steel construction with double elastic bearing	
Brakes, front		Single-piston floating-calliper disc brakes	
Brakes, rear		Single-piston floating-calliper disc brakes	
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; BMW 120d xDrive: linked to xDrive all-wheel-drive system in Integrated Chassis Management (ICM)	
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), optional: Servotronic function, variable sport steering	
Steering ratio, overall	:1	15.0	15.1
Tyres, front/rear		205/55 R16 91V	205/55 R16 91V
Rims, front/rear		7J x 16 steel	7J x 16 steel

		<b>BMW 120d 5-door</b>	<b>BMW 120d xDrive 5-door</b>
<b>Transmission</b>			
Type of transmission		6-speed manual (optional: 8-speed Steptronic transmission)	8-speed Steptronic transmission
Gear ratios	I	:1	4.110 (5.000)
	II	:1	2.248 (3.200)
	III	:1	1.403 (2.143)
	IV	:1	1.000 (1.720)
	V	:1	0.802 (1.314)
	VI	:1	0.659 (1.000)
	VII	:1	– (0.822)
	VIII	:1	– (0.640)
	R	:1	3.727 (3.456)
Final drive		:1	3.077 (2.647)
<b>Performance</b>			
Power-to-weight ratio		kg/kW	9.8 (9.9)
Output per litre		kW/ltr	70.2
Acceleration	0–100 km/h	s	7.1 (7.0)
in 5th gear	80–120 km/h	s	7.2 (–)
Top speed		km/h	228 (228)
<b>BMW EfficientDynamics</b>			
BMW EfficientDynamics standard features	Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, Optimum Gearshift Indicator, ECO PRO mode with coasting function (automatic), intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-controlled oil pump, detachable a/c compressor, final drive with optimised warm-up behaviour, efficiency- and weight-optimised transfer case (BMW 120d xDrive), tyres with reduced roll resistance		
<b>Fuel Consumption EU <sup>3)</sup></b>			
With standard tyres			
Urban		ltr/100 km	5.0 (4.6)
Extra-urban		ltr/100 km	3.6 (3.5)
Combined		ltr/100 km	4.1 (3.9)
CO <sub>2</sub>		g/km	108 (103)
With rims 7J x 17 and tyres 205/50 R17, with rims 7.5J x 17 and tyres 225/45 R 17 as well as winter tyres, with rims 7.5J x 17 front, 8J x 17 rear and tyres 225/45 R17 front, 245/40 R17 rear			
Urban		ltr/100 km	5.3 (4.9)
Extra-urban		ltr/100 km	3.7 (3.7)
Combined		ltr/100 km	4.3 (4.1)
CO <sub>2</sub>		g/km	114 (109)
With rims 7.5J x 18 front, 8J x 18 rear and tyres 225/40 R18 front, 245/35 R18 rear			
Urban		ltr/100 km	5.5 (5.1)
Extra-urban		ltr/100 km	3.9 (3.9)
Combined		ltr/100 km	4.5 (4.3)
CO <sub>2</sub>		g/km	118 (114)
Emission rating			EU6

Specifications apply to ACEA markets/data relevant to homologation apply in part only to Germany (weight)  
BMW 120d: figures in brackets apply to automatic transmission (standard in the BMW 120d xDrive)

<sup>1)</sup> Height with roof fin: 1440 mm

<sup>2)</sup> Oil change

<sup>3)</sup> Fuel consumption and CO<sub>2</sub> emission figures depend on the selected tyre format

# BMW 125d 5-door.

<b>BMW 125d 5-door</b>		
<b>Body</b>		
No. of doors/seats		5 / 5
Length/width/height <sup>1)</sup> (unladen)	mm	4329 / 1765 / 1421
Wheelbase	mm	2690
Track, front/rear	mm	1521 / 1556
Ground clearance	mm	140
Turning circle	m	10.9
Fuel tank capacity	approx. ltr	52
Cooling system incl. heater	ltr	7.0
Engine oil <sup>2)</sup>	ltr	5.0
Weight, unladen, to DIN/EU	kg	1430 / 1505
Max. load to DIN	kg	565
Max. permissible weight	kg	1995
Max. axle load, front/rear	kg	940 / 1115
Max. trailer load, braked (12%)/unbraked	Kg	1500 / 710
Max. roof load/max towbar download	kg	75 / 75
Luggage comp. capacity	ltr	360 – 1200
Air resistance	C <sub>d</sub> x A	0.31 x 2.14
<b>Power Unit</b>		
Config./No. of cyls./valves		in-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: multi-stage charging, high-pressure and variable-geometry turbocharger, common rail direct injection with solenoid valve injectors, max. injection pressure: 2,500 bar
Effective capacity	cm <sup>3</sup>	1995
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel		diesel
Max. output	kW/hp	165 / 224
at	rpm	4400
Max torque	Nm	450
at	rpm	1500 – 3000
<b>Electrical System</b>		
Battery/installation	Ah/–	90 / luggage comp.
Alternator	A/W	150 / 2100
<b>Driving Dynamics and Safety</b>		
Suspension, front		Aluminium double-joint spring strut axle
Suspension, rear		Five-link axle in lightweight steel construction with double elastic bearing
Brakes, front		Single-piston floating-calliper disc brakes
Brakes, rear		Single-piston floating-calliper disc brakes
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
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), optional: Servotronic function, variable sport steering
Steering ratio, overall	:1	15.0
Tyres, front/rear		205/50 R17 89W
Rims, front/rear		7J x 17 light-alloy

**BMW 125d 5-door**

**Transmission**

Type of transmission	8-speed Steptronic transmission		
Gear ratios	I	:1	5.000
	II	:1	3.200
	III	:1	2.143
	IV	:1	1.720
	V	:1	1.314
	VI	:1	1.000
	VII	:1	0.822
	VIII	:1	0.640
	R	:1	3.456
Final drive		:1	2.647

**Performance**

Power-to-weight ratio	kg/kW	8.7
Output per litre	kW/ltr	82.7
Acceleration 0–100 km/h	s	6.3
in 5th gear 80–120 km/h	s	–
Top speed	km/h	240

**BMW EfficientDynamics**

BMW EfficientDynamics standard features	Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, Optimum Gearshift Indicator, ECO PRO mode with coasting function, intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-controlled oil pump, detachable a/c compressor, final drive with optimised warm-up behaviour, tyres with reduced roll resistance
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**Fuel Consumption EU <sup>3)</sup>**

With standard tyres		
Urban	ltr/100 km	5.1
Extra-urban	ltr/100 km	3.9
Combined	ltr/100 km	4.3
CO <sub>2</sub>	g/km	114
With rims 7.5J x 17 and tyres 225/45 R 17 as well as winter tyres, with rims 7.5J x 17 front, 8J x 17 rear and tyres 225/45 R17 front, 245/40 R17 rear, with rims 7.5J x 18 front, 8J x 18 rear and tyres 225/40 R18 front, 245/35 R18 rear		
Urban	ltr/100 km	5.4
Extra-urban	ltr/100 km	4.1
Combined	ltr/100 km	4.6
CO <sub>2</sub>	g/km	121
Emission rating		EU6

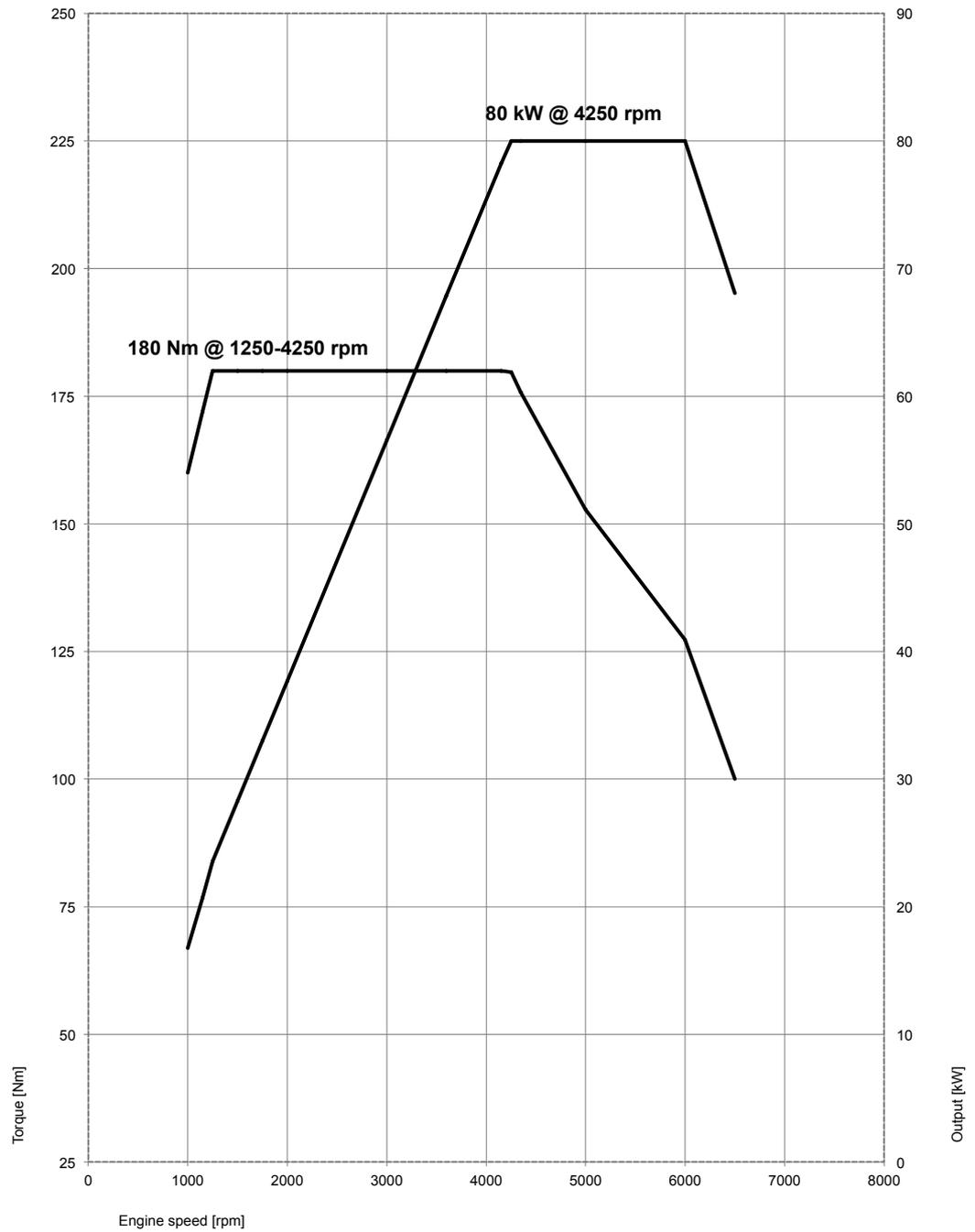
Specifications apply to ACEA markets/data relevant to homologation apply in part only to Germany (weight)

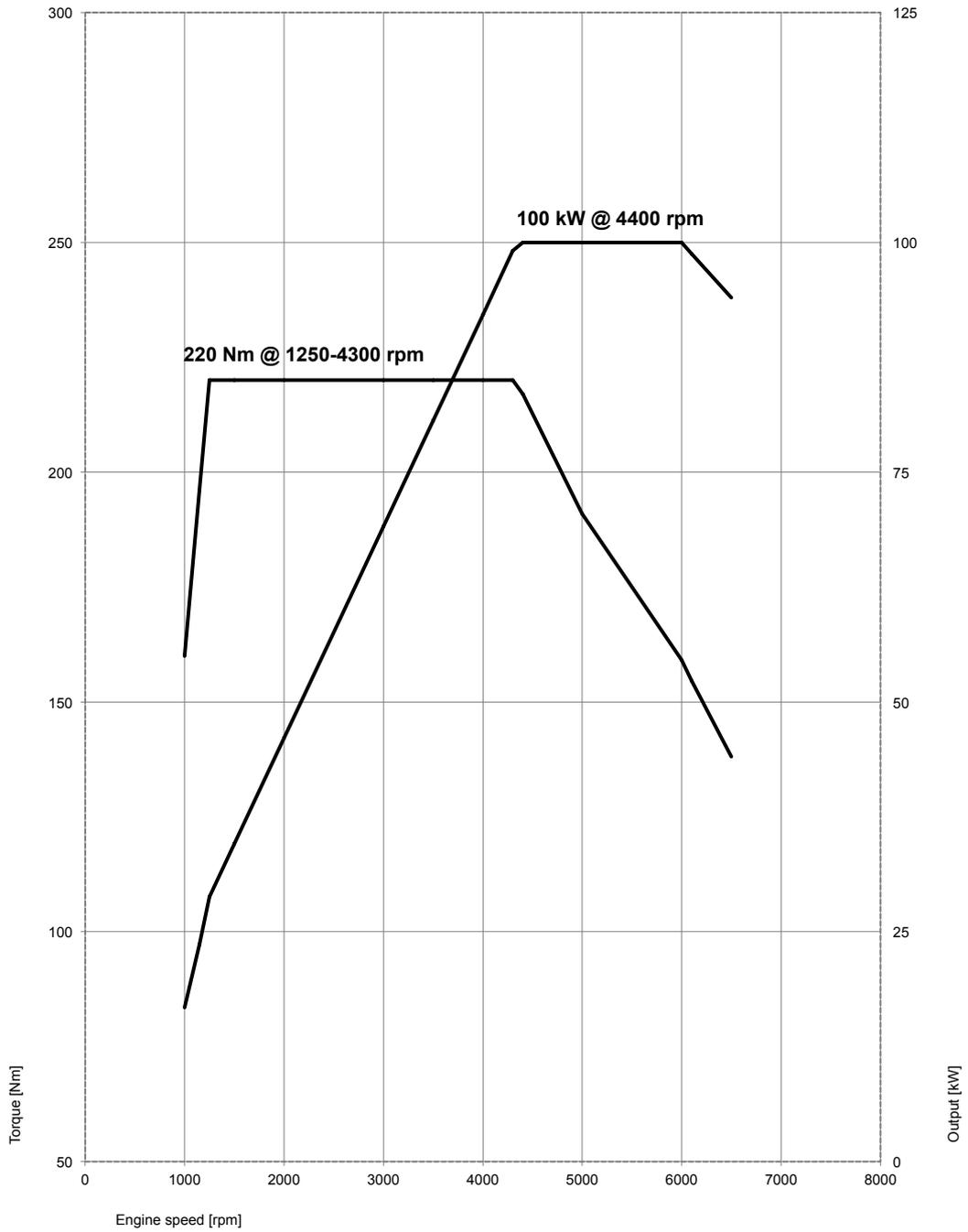
<sup>1)</sup> Height with roof fin: 1440 mm

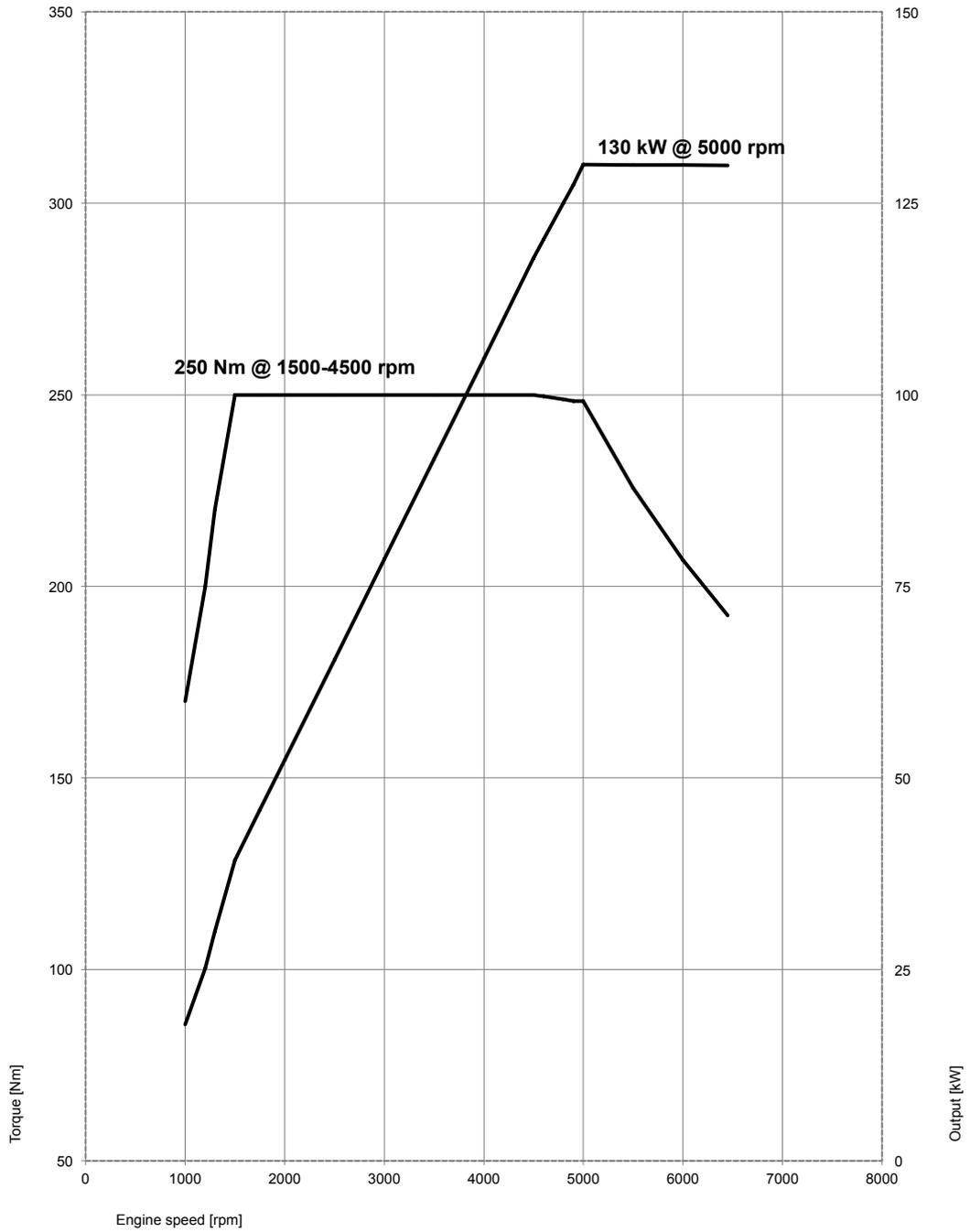
<sup>2)</sup> Oil change

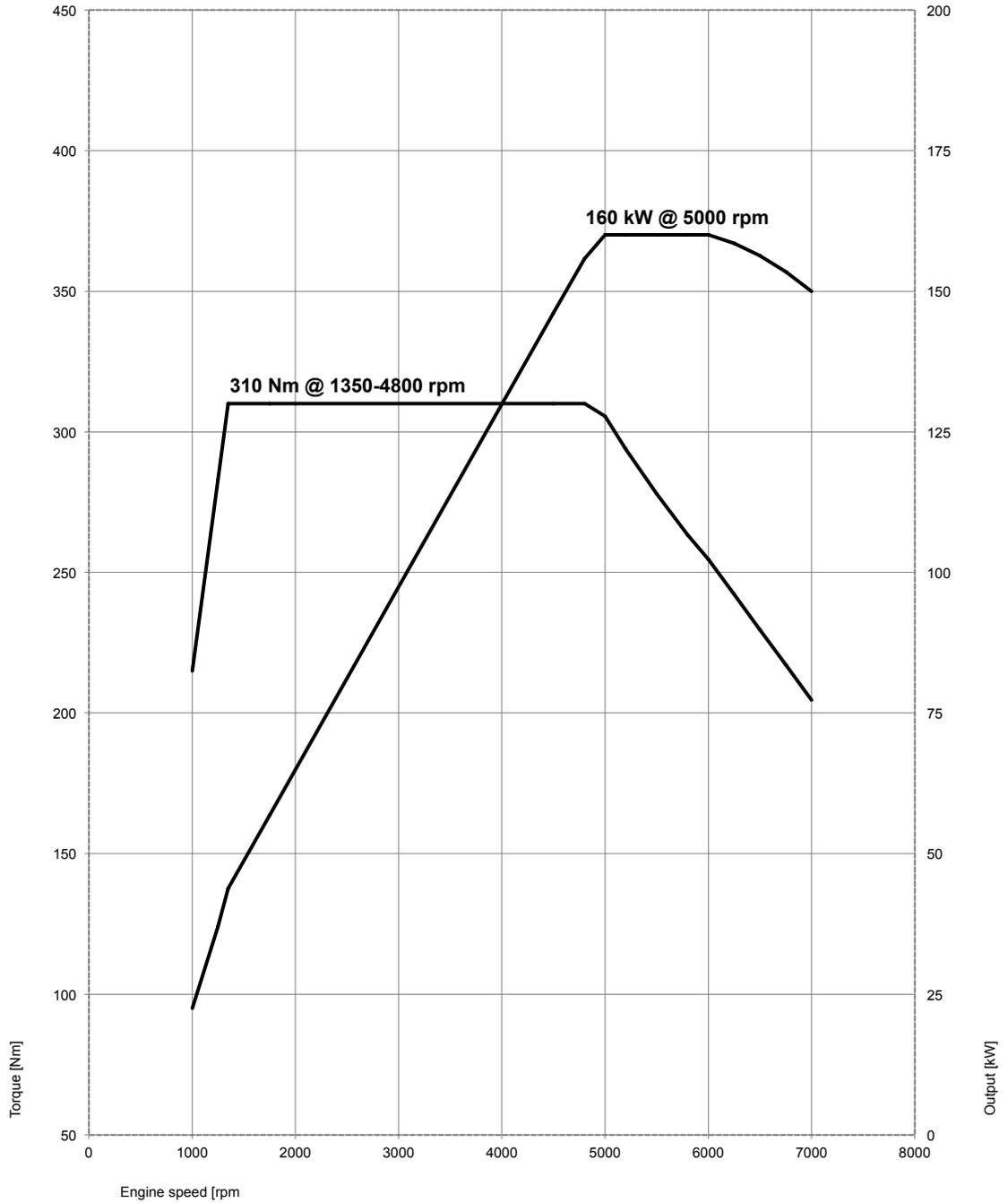
<sup>3)</sup> Fuel consumption and CO<sub>2</sub> emission figures depend on the selected tyre format

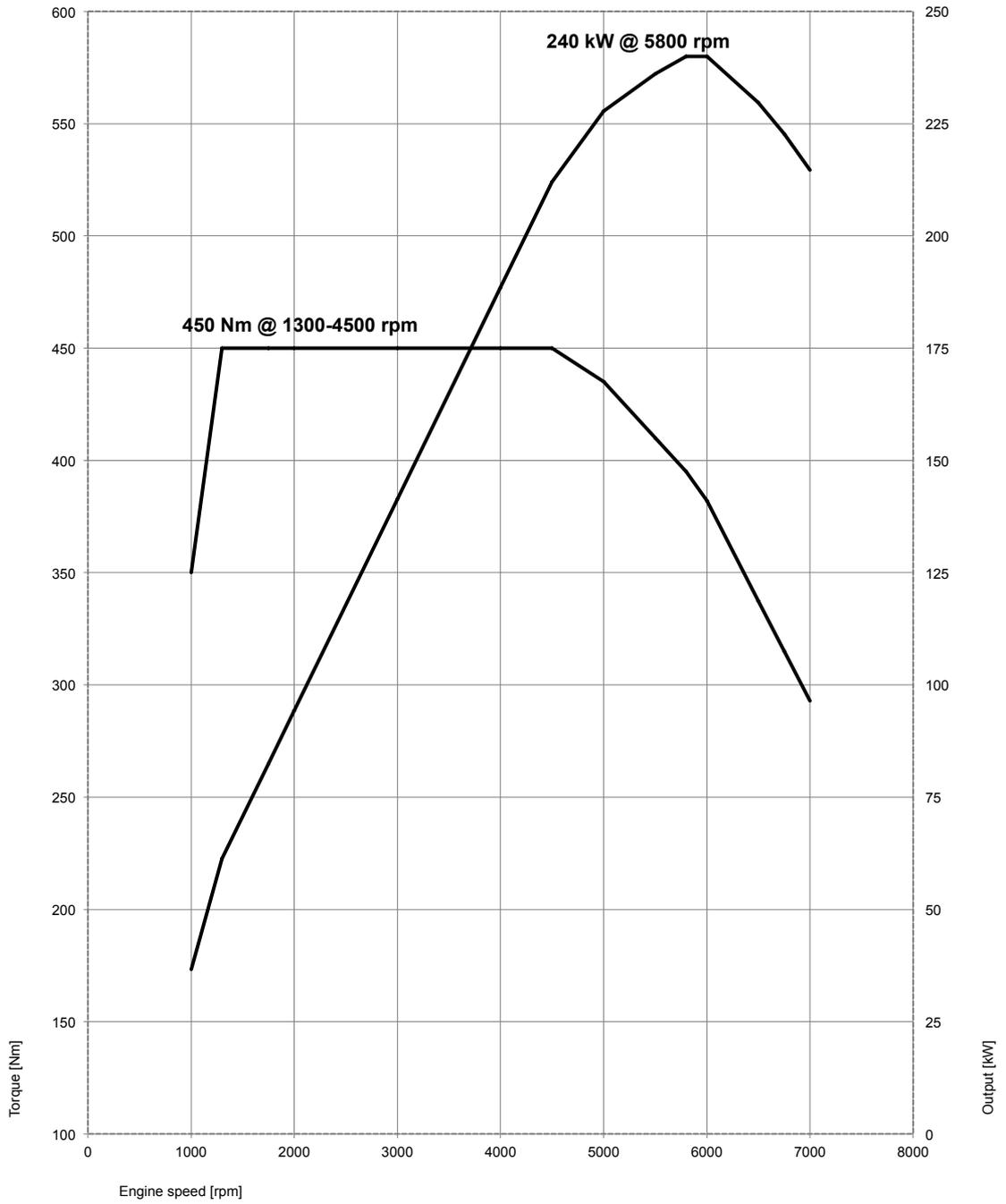
## 8. Output and torque diagrams. BMW 116i.



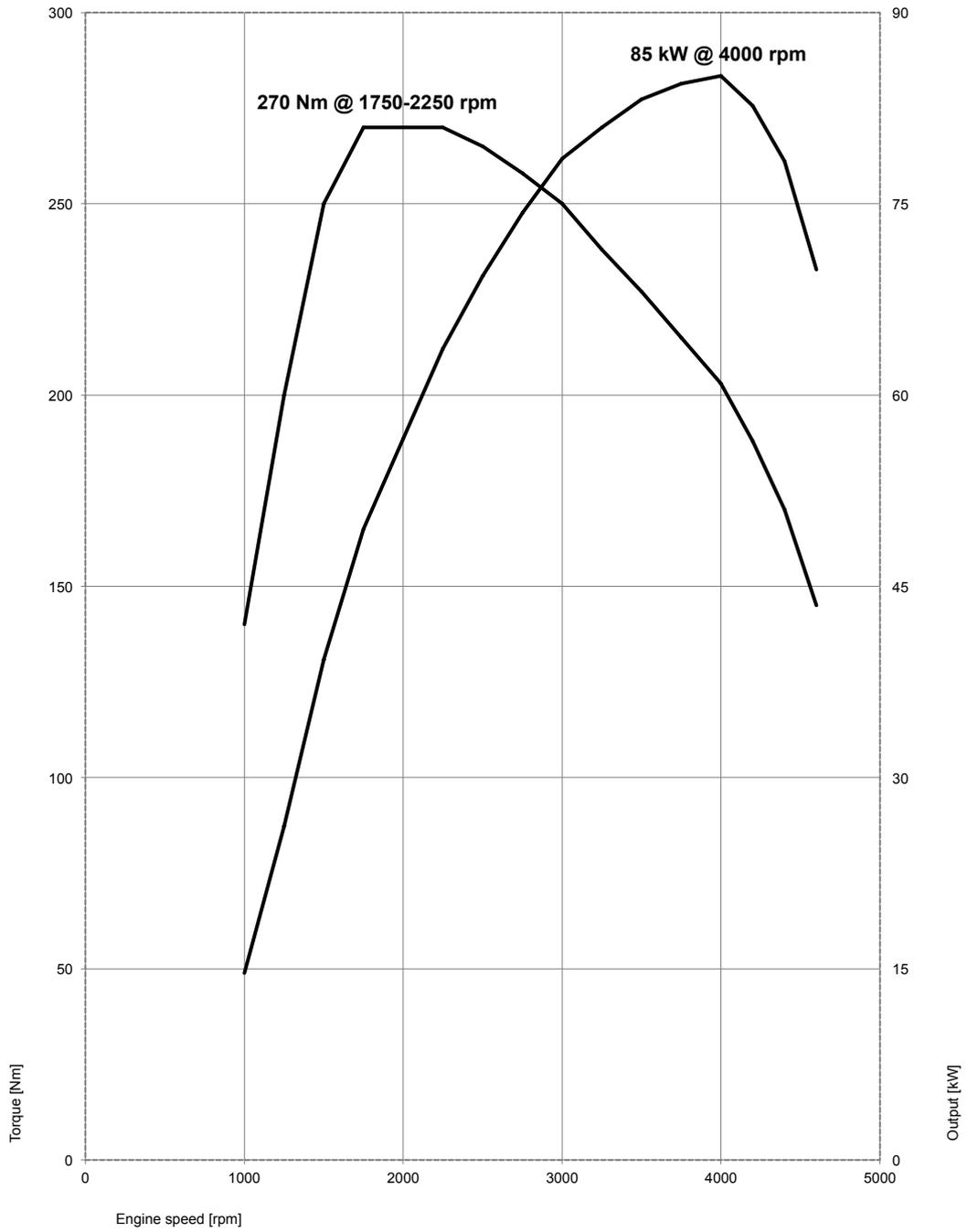


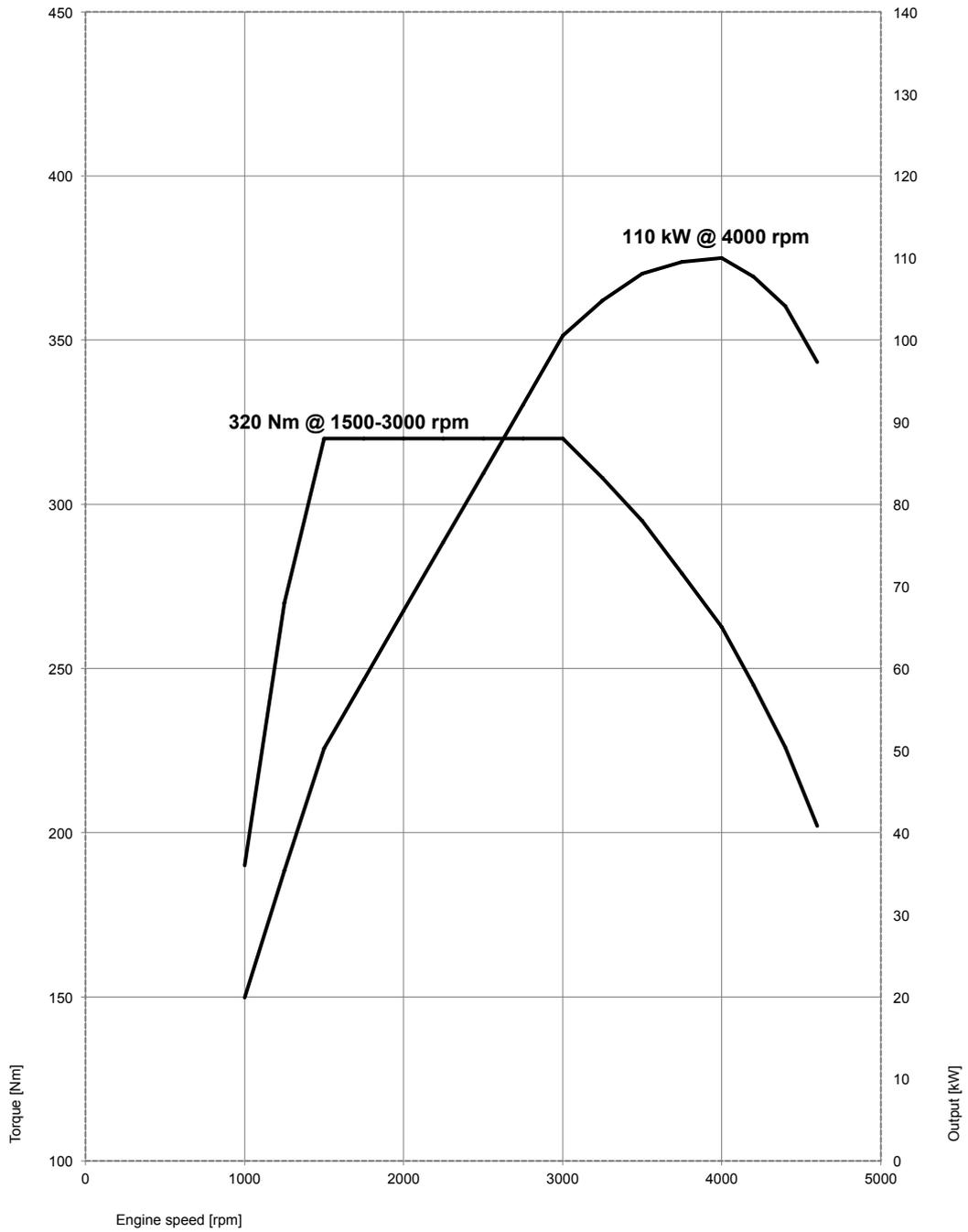


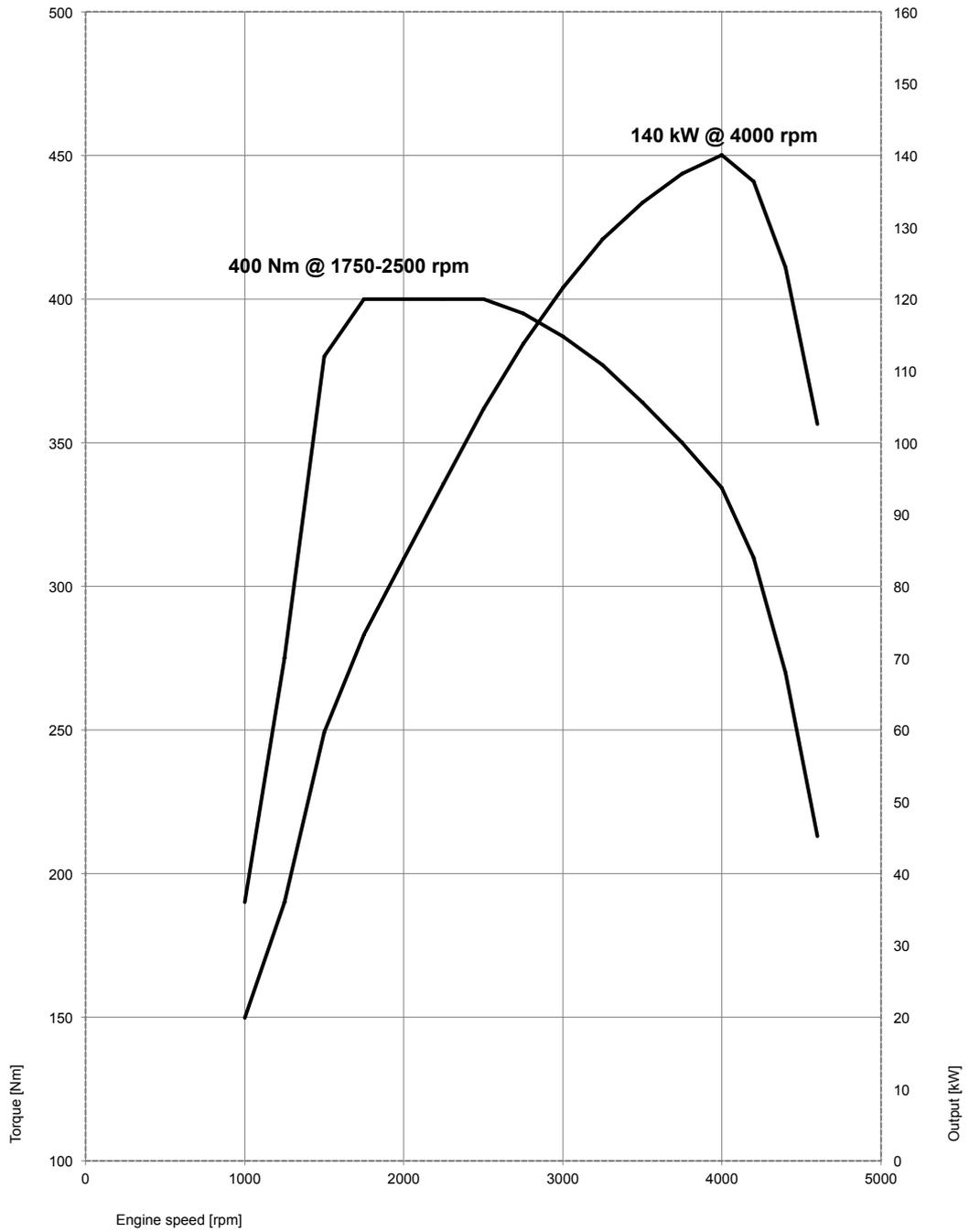


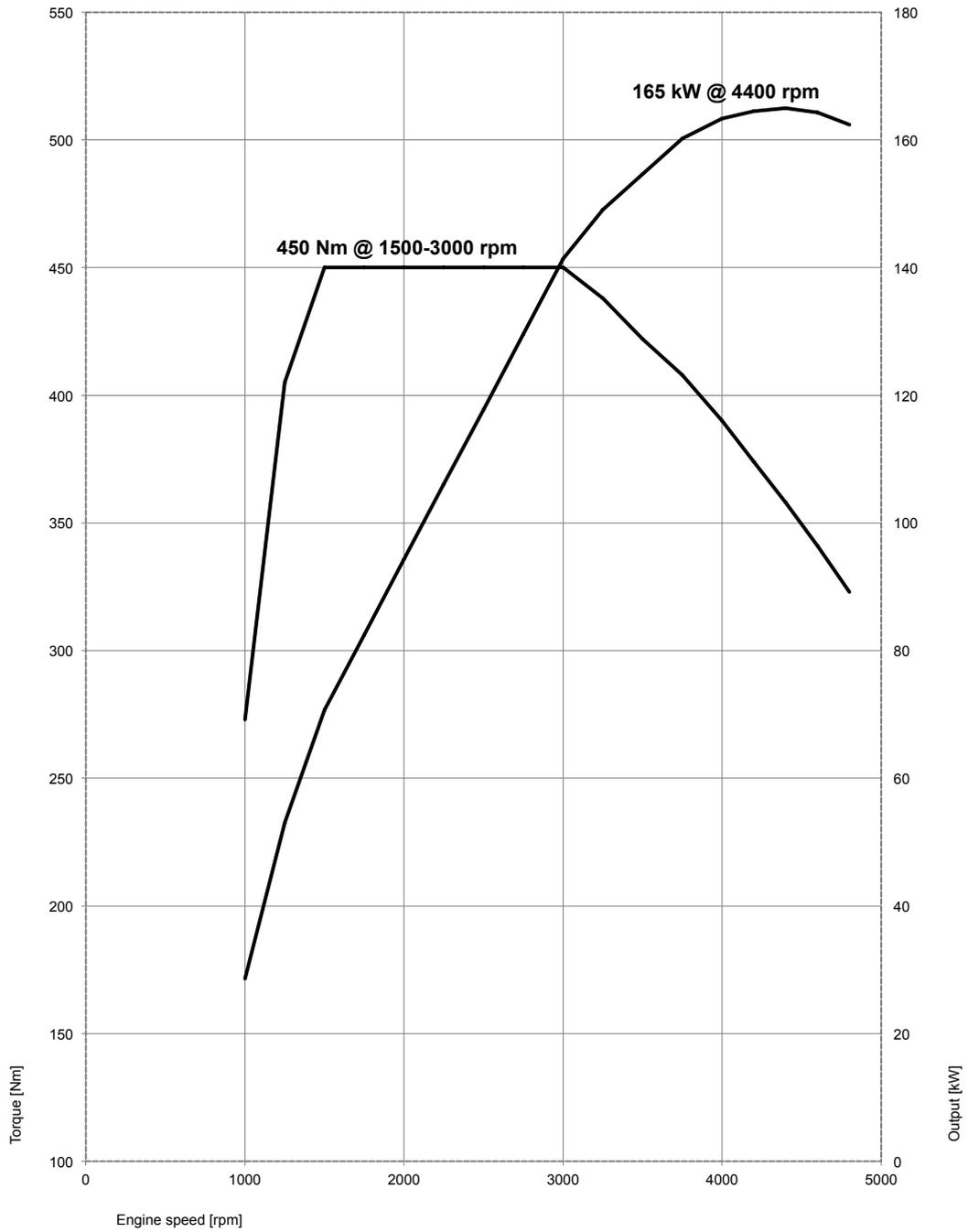


# BMW 116d and BMW 116d ED.

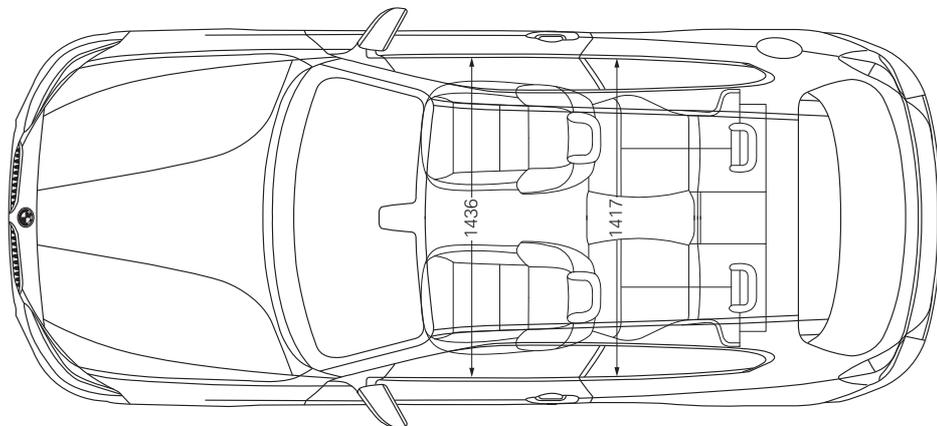
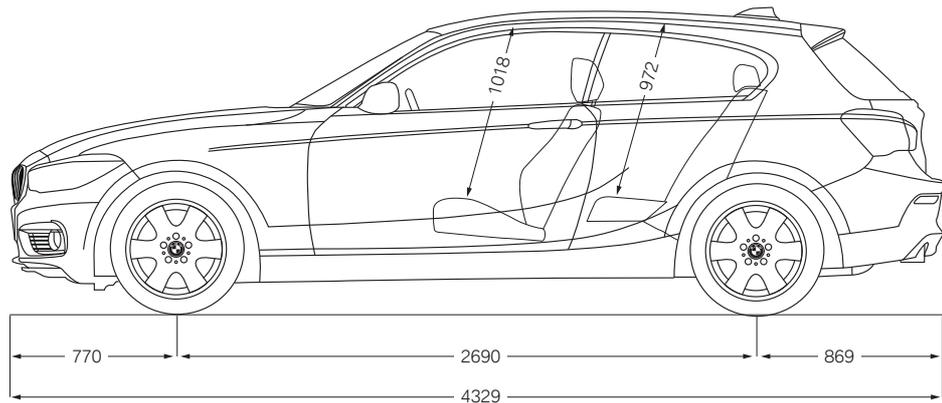
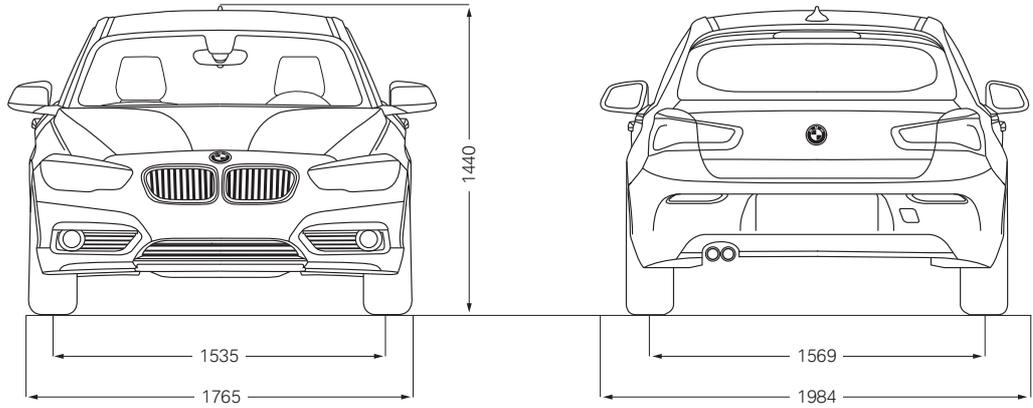








## 9. Exterior and interior dimensions. 3-door BMW 1 Series.



# 5-door BMW 1 Series.

