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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.

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# 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-wheeldrive 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.

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# 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 Stromwerbrauch 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)



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- 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).

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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],  $CO_2$  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],  $CO_2$  emissions\*: 133 – 125 g/km (137 – 129 g/km), exhaust standard: EU6.

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

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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],  $CO_2$  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,

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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],  $CO_2$  emissions\*: 107 – 97 g/km (107 – 96 g/km), exhaust standard: EU6.

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**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

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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 singleminded 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.

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### 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 nonmetallic 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 driverfocused 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.

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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.

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## 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

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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-millimetrelower 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

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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 fulled 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

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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 highquality 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 navigationsupported 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/16 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

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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:

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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  $CO_2$  emissions of under 120 grams per kilometre.

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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  $CO_2$  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).

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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 sixspeed 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 eightspeed 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

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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.

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## 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

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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

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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.





		BMW 116i 3-door	
Body			
No. of doors/seats		2 ( 4 (5)	
Length/width/height <sup>1)</sup> (unladen)		3 / 4 (5)	
<u> </u>	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. Itr	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	
Vax. permissible weight	kg	1865	
Max. axle load, front/rear	kg	850 / 1090	
Max. trailer load,	kg		
braked (12%)/unbraked	Ng	1200 / 650	
Max. roof load/max towbar download	kg	75/75	
Luggage comp. capacity	ltr	360 – 1200	
Air resistance		0.31 x 2.14	
	C <sub>d</sub> x A	0.31 X 2.14	
Power Unit			
Config./No. of cyls./valves		in-line / 3 / 4	
Engine technology		BMW TwinPower Turbo technology: turbocharger, High Precision Direct	
Engine teermology		Injection, fully variable valve control (VALVETRONIC), Double-VANOS	
		variable camshaft control	
Effective capacity	CM3	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	
Electrical System			
Battery/installation	Ah/–	90 / luggage comp.	
Alternator	A/W	180 / 2520	
Driving Dynamics and Safety			
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	
Straing Stability Systems	(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 an	
Salety equipment		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		
Tyres, front/rear	.		
Rims, front/rear		195/55 R16 87H	
nina, liulluledi		6.5J x 16 steel	

			BMW 116i 3-door	
Transmission	n			
Type of transm	nission		6-speed manual	
Gear ratios	I	:1	4.552	
		:1	2.548	
		: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-weig	ht ratio	kg/kW	16.3	
Output per litre	9	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 Efficier	ntDynamics			
BMW Efficient	Dynamics	Brake Energy Regeneration with recuperation display,		
standard features		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 E	EU <sup>3)</sup>		
With standard tyres, rin	ms 7J x 16 and tyres 205/55 R16 as w	ell 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 from	nt, 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 fro	ont, 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)

 $^{1)}$  Height with roof fin: 1440 mm  $^{2)}$  Oil change  $^{3)}$  Fuel consumption and CO\_2 emissions depend on the selected tyre format

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

		BMW 118i 3-door	BMW 120i 3-doo		
Body					
No. of doors/seats		3 / 4 (5)	3/4(5		
Length/width/height <sup>1)</sup> (unladen)	mm	4329 / 1765 / 1421	4329 / 1765 / 142		
Wheelbase	mm	2690	4329717037142		
Track, front/rear	mm	1535/1569	1535 / 156		
Ground clearance	mm	140	13337 138		
Turning circle	m	10.9	10.		
Fuel tank capacity	approx. Itr	52	5		
Cooling system incl. heater	ltr	6.4	6.		
Engine oil <sup>2)</sup>	ltr	4.2	4.		
Weight, unladen, to DIN/EU	kg	1300 / 1375	1300 / 137		
	Ng	(1315 / 1390)	(1315 / 1390		
Max. load to DIN	kg	565	56		
Max. permissible weight	kg	1865 (1880)	1865 (1880		
Vax. axle load, front/rear	kg	865 / 1090	870 / 109		
Max. trailer load,	kg	1200/670	1200/67		
oraked (12%)/unbraked Max. roof load/max towbar			75/7		
download	kg	75/75			
Luggage comp. capacity	ltr	360 – 1200	360 – 120		
Air resistance	C <sub>d</sub> x A	0.31 x 2.14	0.31 x 2.1		
Power Unit					
Config./No. of cyls./valves		in-line / 4 / 4	in-line / 4 /		
Engine technology	Н	BMW TwinPower Turbo technology: twir igh Precision Direct Injection, fully variable valv Double-VANOS variable camsh	e control (VALVETRONIC),		
Effective capacity	cm <sup>3</sup>	1598	159		
Stroke/bore	mm	85.8 / 77.0	85.8 / 77.		
Compression ratio	:1	10.5	10.		
Fuel		min RON 91	min RON 9		
Max. output	kW/hp	100 / 136	130/17		
at	rpm	4400 - 6450	4800 - 645		
Max torque	Nm	220	25		
at	rpm	1350 - 4300	1500 - 450		
Electrical System					
Battery/installation	Ah/–	80 / luggage comp.	80 / luggage comp		
Alternator	A/W	170 / 2380	170/238		
Driving Dynamics and Safety	,				
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 d	lisc brakes		
Brakes, rear	Single-piston floating-calliper disc brakes				
Driving stability systems Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Con (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Brak					
	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),				
Steering ratio, overall	.1	optional: Servotronic function, variab			
Tyres, front/rear	:1	15.0 105/55 D16 974	15. 195/55 R16 87V		
Rims, front/rear		<u>195/55 R16 87H</u> 6.5J x 16 steel	6.5J x 16 stee		

			BMW 118i 3-door	BMW 120i 3-doo
Transmissio	n			
Type of transm	nission		6-speed manual (optional: 8-speed Step	tronic transmission)
Gear ratios		:1	4.552 (4.714)	4.552 (4.714)
		:1	2.548 (3.143)	2.548 (3.143
		:1	1.659 (2.106)	1.659 (2.106)
	IV	:1	1.230 (1.667)	1.230 (1.667
	V	:1	1.000 (1.285)	1.000 (1.285
	VI	:1	0.830 (1.000)	0.830 (1.000
	VII	:1	- (0.839)	- (0.839
	VIII	:1	- (0.667)	- (0.667
	R	:1	4.138 (3.295)	4.138 (3.295
Final drive		:1	2.813 (3.077)	3.077 (3.077
Performance	•			
Power-to-weig	ht ratio	kg/kW	13.0 (13.2)	10.0 (10.1)
Output per litre	,	kW/ltr	62.6	81.4
Acceleration	0–100 km/h	S	8.5 (8.7)	7.4 (7.2
in 5th gear	80–120 km/h	S	10.6 (-)	8.8 (-
Top speed		km/h	210 (210)	225 (222
BMW Efficien BMW Efficient standard featu	Dynamics	Indic aer	Brake Energy Regeneration with recu c Power Steering (EPS), Auto Start Stop fu ator, ECO PRO mode, intelligent lightweig rodynamic attributes, on-demand operation	unction, Optimum Gearshift ht construction, optimised n of ancillary units, map-
BMW Efficient standard featu	Dynamics res	Indic aer	c Power Steering (EPS), Auto Start Stop fi ator, ECO PRO mode, intelligent lightweig	unction, Optimum Gearshift ht construction, optimised n of ancillary units, map- ed warm-up behaviour,
BMW Efficient standard featu Fuel Consum	Dynamics res <b>pption EU <sup>3)</sup></b>	Indic aer c	ic Power Steering (EPS), Auto Start Stop fr ator, ECO PRO mode, intelligent lightweig rodynamic attributes, on-demand operation ontrolled oil pump, final drive with optimise tyres with reduced roll resis	unction, Optimum Gearshift ht construction, optimised n of ancillary units, map- ed warm-up behaviour,
BMW Efficient standard featu <b>Fuel Consum</b> With standard	Dynamics res <b>Inption EU <sup>3)</sup></b> tyres, rims 7J x 16 a	Indic aer c and tyres 205/55	c Power Steering (EPS), Auto Start Stop fr ator, ECO PRO mode, intelligent lightweig rodynamic attributes, on-demand operation ontrolled oil pump, final drive with optimise tyres with reduced roll resis	unction, Optimum Gearshift ht construction, optimised n of ancillary units, map- ed warm-up behaviour, stance
BMW Efficient standard featu <b>Fuel Consum</b> With standard Urban	Dynamics res <b>nption EU <sup>3)</sup></b> tyres, rims 7J x 16 a	Indic aer c and tyres 205/55 r/100 km	ic Power Steering (EPS), Auto Start Stop fr ator, ECO PRO mode, intelligent lightweig rodynamic attributes, on-demand operation ontrolled oil pump, final drive with optimise tyres with reduced roll resis R16 as well as winter tyres 7.0 (7.2)	unction, Optimum Gearshift ht construction, optimised n of ancillary units, map- ed warm-up behaviour, stance 7.4 (7.1
BMW Efficient standard featu <b>Fuel Consur</b> With standard Urban Extra-urban	Dynamics res <b>aption EU <sup>3)</sup></b> tyres, rims 7J x 16 a It	Indic aer c and tyres 205/55 r/100 km r/100 km	ic Power Steering (EPS), Auto Start Stop fr ator, ECO PRO mode, intelligent lightweig rodynamic attributes, on-demand operation ontrolled oil pump, final drive with optimise tyres with reduced roll resis R16 as well as winter tyres 7.0 (7.2) 4.5 (4.6)	unction, Optimum Gearshift ht construction, optimised n of ancillary units, map- ed warm-up behaviour, stance 7.4 (7.1 4.7 (4.6
BMW Efficient standard featu Fuel Consum With standard Urban Extra-urban Combined	Dynamics res <b>aption EU <sup>3)</sup></b> tyres, rims 7J x 16 a It	Indic aer c and tyres 205/55 r/100 km r/100 km r/100 km	c Power Steering (EPS), Auto Start Stop fi ator, ECO PRO mode, intelligent lightweig rodynamic attributes, on-demand operation ontrolled oil pump, final drive with optimise tyres with reduced roll resis R16 as well as winter tyres 7.0 (7.2) 4.5 (4.6) 5.4 (5.6)	unction, Optimum Gearshift ht construction, optimised n of ancillary units, map- ed warm-up behaviour, stance 7.4 (7.1 4.7 (4.6 5.7 (5.6
BMW Efficient standard featu Fuel Consum With standard Urban Extra-urban Combined CO <sub>2</sub> With rims 7J x	Dynamics res <b>aption EU <sup>3)</sup></b> tyres, rims 7J x 16 a li li 17 and tyres 205/5	Indic aer c and tyres 205/55 r/100 km r/100 km r/100 km g/km 0 R17, with rims	c Power Steering (EPS), Auto Start Stop fi ator, ECO PRO mode, intelligent lightweig rodynamic attributes, on-demand operation ontrolled oil pump, final drive with optimise tyres with reduced roll resis R16 as well as winter tyres 7.0 (7.2) 4.5 (4.6) 5.4 (5.6) 125 (129) 7.5J x 17 and tyres 225/45 R 17,	unction, Optimum Gearshift ht construction, optimised n of ancillary units, map- ed warm-up behaviour, stance 7.4 (7.1 4.7 (4.6 5.7 (5.6
BMW Efficient standard featu Fuel Consum With standard Urban Extra-urban Combined CO <sub>2</sub> With rims 7J x	Dynamics res <b>aption EU</b> <sup>3)</sup> tyres, rims 7J x 16 a li li 17 and tyres 205/5 x 17 front, 8J x 17 r	Indic aer c and tyres 205/55 r/100 km r/100 km r/100 km g/km 0 R17, with rims ear and tyres 225	c Power Steering (EPS), Auto Start Stop fi ator, ECO PRO mode, intelligent lightweig rodynamic attributes, on-demand operation ontrolled oil pump, final drive with optimise tyres with reduced roll resis R16 as well as winter tyres 7.0 (7.2) 4.5 (4.6) 5.4 (5.6) 125 (129) 7.5J x 17 and tyres 225/45 R 17, 5/45 R17 front, 245/40 R17 rear	unction, Optimum Gearshift ht construction, optimised n of ancillary units, map- ed warm-up behaviour, stance 7.4 (7.1 4.7 (4.6 5.7 (5.6 132 (129
BMW Efficient standard featu Fuel Consum With standard Urban Extra-urban Combined CO <sub>2</sub> With rims 7J x with rims 7.5J Urban	Dynamics res <b>aption EU</b> <sup>3)</sup> tyres, rims 7J x 16 a li li 17 and tyres 205/5 x 17 front, 8J x 17 r li	Indic aer c and tyres 205/55 r/100 km r/100 km g/km 0 R17, with rims ear and tyres 225 r/100 km	c Power Steering (EPS), Auto Start Stop fi ator, ECO PRO mode, intelligent lightweig rodynamic attributes, on-demand operation ontrolled oil pump, final drive with optimise tyres with reduced roll resis R16 as well as winter tyres 7.0 (7.2) 4.5 (4.6) 5.4 (5.6) 125 (129) 7.5J x 17 and tyres 225/45 R 17, 5/45 R17 front, 245/40 R17 rear 7.2 (7.4)	unction, Optimum Gearshift ht construction, optimised n of ancillary units, map- ad warm-up behaviour, stance 7.4 (7.1 4.7 (4.6 5.7 (5.6 132 (129 7.6 (7.4
BMW Efficient standard featu Fuel Consum With standard Urban Extra-urban Combined CO <sub>2</sub> With rims 7.J x with rims 7.J x with rims 7.5J Urban Extra-urban	Dynamics res <b>aption EU</b> <sup>3)</sup> tyres, rims 7J x 16 a li li 17 and tyres 205/5 x 17 front, 8J x 17 r li li li li li li li li li li	Indic aer c and tyres 205/55 r/100 km r/100 km g/km 0 R17, with rims ear and tyres 225 r/100 km r/100 km	c Power Steering (EPS), Auto Start Stop fi ator, ECO PRO mode, intelligent lightweig rodynamic attributes, on-demand operation ontrolled oil pump, final drive with optimise tyres with reduced roll resis R16 as well as winter tyres 7.0 (7.2) 4.5 (4.6) 5.4 (5.6) 125 (129) 7.5J x 17 and tyres 225/45 R 17, 5/45 R17 front, 245/40 R17 rear 7.2 (7.4) 4.6 (4.8)	unction, Optimum Gearshift ht construction, optimised n of ancillary units, map- ed warm-up behaviour, stance 7.4 (7.1 4.7 (4.6 5.7 (5.6 132 (129) 7.6 (7.4 4.8 (4.8)
BMW Efficient standard featu Fuel Consum With standard Urban Extra-urban Combined CO <sub>2</sub> With rims 7.5J Urban Extra-urban Combined	Dynamics res <b>aption EU</b> <sup>3)</sup> tyres, rims 7J x 16 a li li 17 and tyres 205/5 x 17 front, 8J x 17 r li	Indic aer c and tyres 205/55 r/100 km r/100 km g/km 0 R17, with rims ear and tyres 22! r/100 km r/100 km r/100 km	c Power Steering (EPS), Auto Start Stop fi ator, ECO PRO mode, intelligent lightweig rodynamic attributes, on-demand operation ontrolled oil pump, final drive with optimise tyres with reduced roll resis R16 as well as winter tyres 7.0 (7.2) 4.5 (4.6) 5.4 (5.6) 125 (129) 7.5J x 17 and tyres 225/45 R 17, 5/45 R17 front, 245/40 R17 rear 7.2 (7.4) 4.6 (4.8) 5.6 (5.7)	unction, Optimum Gearshift ht construction, optimised n of ancillary units, map- ed warm-up behaviour, stance 7.4 (7.1 4.7 (4.6 5.7 (5.6 132 (129 7.6 (7.4 4.8 (4.8 5.8 (5.7
BMW Efficient standard featu Fuel Consum With standard Urban Extra-urban Combined CO <sub>2</sub> With rims 7.5J Urban Extra-urban Combined CO <sub>2</sub>	Dynamics res <b>aption EU</b> <sup>3)</sup> tyres, rims 7J x 16 a li li 17 and tyres 205/5 x 17 front, 8J x 17 r li li li 1	Indic aer c and tyres 205/55 rr/100 km rr/100 km g/km 0 R17, with rims ear and tyres 225 rr/100 km rr/100 km rr/100 km	ic Power Steering (EPS), Auto Start Stop fi ator, ECO PRO mode, intelligent lightweig rodynamic attributes, on-demand operation ontrolled oil pump, final drive with optimise tyres with reduced roll resis R16 as well as winter tyres 7.0 (7.2) 4.5 (4.6) 5.4 (5.6) 125 (129) 7.5J x 17 and tyres 225/45 R 17, 5/45 R17 front, 245/40 R17 rear 7.2 (7.4) 4.6 (4.8) 5.6 (5.7) 129 (133)	unction, Optimum Gearshift ht construction, optimised n of ancillary units, map- ed warm-up behaviour, stance 7.4 (7.1 4.7 (4.6 5.7 (5.6 132 (129 7.6 (7.4 4.8 (4.8 5.8 (5.7
BMW Efficient standard featu Fuel Consum With standard Urban Extra-urban Combined CO <sub>2</sub> With rims 7.5J Urban Extra-urban Combined CO <sub>2</sub>	Dynamics res <b>aption EU</b> <sup>3)</sup> tyres, rims 7J x 16 a li li 17 and tyres 205/5 x 17 front, 8J x 17 r li li x 18 front, 8J x 18	Indic aer c and tyres 205/55 r/100 km r/100 km g/km 0 R17, with rims ear and tyres 225 r/100 km r/100 km r/100 km r/100 km r/100 km r/100 km r/100 km	c Power Steering (EPS), Auto Start Stop fi ator, ECO PRO mode, intelligent lightweig rodynamic attributes, on-demand operation ontrolled oil pump, final drive with optimise tyres with reduced roll resis R16 as well as winter tyres 7.0 (7.2) 4.5 (4.6) 5.4 (5.6) 125 (129) 7.5J x 17 and tyres 225/45 R 17, 5/45 R17 front, 245/40 R17 rear 7.2 (7.4) 4.6 (4.8) 5.6 (5.7) 129 (133) 5/40 R18 front, 245/35 R18 rear	unction, Optimum Gearshift ht construction, optimised n of ancillary units, map- ed warm-up behaviour, stance 7.4 (7.1 4.7 (4.6 5.7 (5.6 132 (129 7.6 (7.4 4.8 (4.8 5.8 (5.7 136 (133
BMW Efficient standard featu standard featu With standard Urban Extra-urban Combined CO <sub>2</sub> With rims 7.5J Urban Extra-urban Combined CO <sub>2</sub> With rims 7.5J Urban	Dynamics res <b>aption EU</b> <sup>3)</sup> tyres, rims 7J x 16 a II II I7 and tyres 205/5 x 17 front, 8J x 17 r II II X 18 front, 8J x 18	Indic aer c and tyres 205/55 r/100 km r/100 km g/km 0 R17, with rims ear and tyres 22! r/100 km r/100 km r/100 km r/100 km r/100 km r/100 km r/100 km	ic Power Steering (EPS), Auto Start Stop fi ator, ECO PRO mode, intelligent lightweig rodynamic attributes, on-demand operation ontrolled oil pump, final drive with optimise tyres with reduced roll resis R16 as well as winter tyres 7.0 (7.2) 4.5 (4.6) 5.4 (5.6) 125 (129) 7.5J x 17 and tyres 225/45 R 17, 5/45 R17 front, 245/40 R17 rear 7.2 (7.4) 4.6 (4.8) 5.6 (5.7) 129 (133) 5/40 R18 front, 245/35 R18 rear 7.4 (7.6)	unction, Optimum Gearshift ht construction, optimised n of ancillary units, map- ed warm-up behaviour, stance 7.4 (7.1 4.7 (4.6 5.7 (5.6 132 (129 7.6 (7.4 4.8 (4.8 5.8 (5.7 136 (133 7.8 (7.6
BMW Efficient standard featu standard featu With standard Urban Extra-urban Combined CO <sub>2</sub> With rims 7.5J Urban Extra-urban Combined CO <sub>2</sub> With rims 7.5J Urban Extra-urban Coban	Dynamics res hption EU <sup>3)</sup> tyres, rims 7J x 16 a II II II I7 and tyres 205/5 x 17 front, 8J x 17 r II II X 18 front, 8J x 18 II II II II II II II II II I	Indic aer c and tyres 205/55 r/100 km r/100 km g/km 0 R17, with rims ear and tyres 225 r/100 km r/100 km r/100 km r/100 km r/100 km r/100 km r/100 km r/100 km	c Power Steering (EPS), Auto Start Stop fi ator, ECO PRO mode, intelligent lightweig rodynamic attributes, on-demand operation ontrolled oil pump, final drive with optimise tyres with reduced roll resis R16 as well as winter tyres 7.0 (7.2) 4.5 (4.6) 5.4 (5.6) 125 (129) 7.5J x 17 and tyres 225/45 R 17, 5/45 R17 front, 245/40 R17 rear 7.2 (7.4) 4.6 (4.8) 5.6 (5.7) 129 (133) 5/40 R18 front, 245/35 R18 rear 7.4 (7.6) 4.7 (4.9)	unction, Optimum Gearshift ht construction, optimised n of ancillary units, map- ed warm-up behaviour, stance 7.4 (7.1 4.7 (4.6 5.7 (5.6 132 (129 7.6 (7.4 4.8 (4.8 5.8 (5.7 136 (133 7.8 (7.6 4.9 (4.9
BMW Efficient standard featu standard featu With standard Urban Extra-urban Combined CO <sub>2</sub> With rims 7.5J Urban Extra-urban Combined CO <sub>2</sub> With rims 7.5J Urban Extra-urban Combined CO <sub>2</sub>	Dynamics res hption EU <sup>3)</sup> tyres, rims 7J x 16 a II II II I7 and tyres 205/5 x 17 front, 8J x 17 r II II X 18 front, 8J x 18 II II II II II II II II II I	Indic aer c and tyres 205/55 r/100 km r/100 km g/km 0 R17, with rims ear and tyres 225 r/100 km r/100 km r/100 km r/100 km r/100 km r/100 km r/100 km r/100 km r/100 km	c Power Steering (EPS), Auto Start Stop fi ator, ECO PRO mode, intelligent lightweig rodynamic attributes, on-demand operation ontrolled oil pump, final drive with optimise tyres with reduced roll resis <b>R16 as well as winter tyres</b> <b>R16 as well as well as winter tyres</b> <b>R16 as well as well as winter tyres</b> <b>R16 as well as well as well as winter tyres</b> <b>R16 as well as well as well as winter tyres</b> <b>R16 as well </b>	unction, Optimum Gearshift ht construction, optimised n of ancillary units, map- ed warm-up behaviour, stance 7.4 (7.1 4.7 (4.6 5.7 (5.6 132 (129 7.6 (7.4 4.8 (4.8 5.8 (5.7 136 (133 7.8 (7.6 4.9 (4.9 6.0 (5.9
BMW Efficient standard featu standard featu With standard Urban Extra-urban Combined CO <sub>2</sub> With rims 7.5J Urban Extra-urban Combined CO <sub>2</sub> With rims 7.5J Urban Extra-urban Coban	Dynamics res <b>aption EU</b> <sup>3)</sup> tyres, rims 7J x 16 a II II 17 and tyres 205/5 x 17 front, 8J x 17 r II X 18 front, 8J x 18 II II II II II II II II II I	Indic aer c and tyres 205/55 r/100 km r/100 km g/km 0 R17, with rims ear and tyres 225 r/100 km r/100 km r/100 km r/100 km r/100 km r/100 km r/100 km r/100 km	c Power Steering (EPS), Auto Start Stop fi ator, ECO PRO mode, intelligent lightweig rodynamic attributes, on-demand operation ontrolled oil pump, final drive with optimise tyres with reduced roll resis R16 as well as winter tyres 7.0 (7.2) 4.5 (4.6) 5.4 (5.6) 125 (129) 7.5J x 17 and tyres 225/45 R 17, 5/45 R17 front, 245/40 R17 rear 7.2 (7.4) 4.6 (4.8) 5.6 (5.7) 129 (133) 5/40 R18 front, 245/35 R18 rear 7.4 (7.6) 4.7 (4.9)	unction, Optimum Gearshift ht construction, optimised n of ancillary units, map- ed warm-up behaviour,

 $^{1)}$  Height with roof fin: 1440 mm  $^{2)}$  Oil change  $^{3)}$  Fuel consumption and CO $_2$  emissions depend on the selected tyre format

BMW 125i 3-door.

		BMW 125i 3-door
Body		
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.	52
	ltr	
Cooling system incl. heater	ltr	7.0 (7.6)
Engine oil 2)	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,	kg	
braked (12%)/unbraked	5	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
	Od XA	0.02 × 2.14
Power Unit		
Config./No. of cyls./valves		in-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: twin-scroll turbocharger,
Engine teernology		High Precision Direct Injection, fully variable valve control (VALVETRONIC),
		Double-VANOS variable camshaft control
Effective capacity	cm <sup>3</sup>	1997
Stroke/bore		
Compression ratio	mm	90.1/84.0
Fuel	:1	10.0
	1.1.4.7/1	min RON 91
Max. output	kW/hp	160/218
at	rpm	5000
Max torque	Nm	310
at	rpm	1350 – 4800
Electrical System		
Electrical System		
Battery/installation	Ah/-	80 / luggage comp.
Alternator	A/W	170/2380
Driving Dynamics and Sofaty		
Driving Dynamics and Safety Suspension, front		Aluminium double-joint spring strut axle
Suspension, rear		
Brakes, front		Five-link axle in lightweight steel construction with double elastic bearing
		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,
Steering		crash sensors, Tyre Defect Indicator
Steering		Electric Power Steering (EPS),
Cteoring ratio everall		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 transmis	sion		6-speed manual (optional: 8-speed Steptronic transmission)
Gear ratios		:1	3.683 (4.714)
	I	:1	2.062 (3.143)
		: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

Fuel Consumption E	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	d tyres 225/45 R 17 as well as winter t	yres,	
with rims 7.5J x 17 from	nt, 8J x 17 rear and tyres 225/45 R17 f	ront, 245/40 R17 rear,	
with rims 7.5J x 18 from	nt, 8J x 18 rear and tyres 225/40 R18 f	ront, 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

 $^{1)}$  Height with roof fin: 1440 mm  $^{2)}$  Oil change  $^{3)}$  Fuel economy and CO\_2 emission figures depend on the selected tyre format

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

		BMW M135i 3-door	BMW M135i xDrive 3-door
Body			
No. of doors/seats		3 / 4 (5)	3 / 4 (5
Length/width/height <sup>1)</sup> (unladen)		4324 / 1765 / 1411	4324 / 1765 / 141
Wheelbase	mm	2690	2690
Track, front/rear		1516 / 1534	1516 / 1534
Ground clearance	mm	13107 1334	131071532
Turning circle	m	10.9	11.3
Fuel tank capacity		52	52
Tuertain capacity	approx. Itr	52	52
Cooling system incl. heater	ltr	6.9 (7.1)	7.1
	ltr	6.5	6.5
Weight, unladen, to DIN/EU	kg	1430 / 1505	1515/1590
	ĸy	(1445 / 1520)	15157 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,	-	93371120	101071120
braked (12%)/unbraked	kg	1	1
Max. roof load/max towbar	ka		-/- 75/-
download	kg	/5/-	/5/-
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
	00,000	0.01 / 2111	0.00 / 2.11
Power Unit			
Config./No. of cyls./valves		in-line / 6 / 4	in-line / 6 / 4
Engine technology		M Performance TwinPower Turbo techno	
		igh Precision Direct Injection, fully variable Double-VANOS variable ca	e valve control (VALVETRONIC),
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
	ipin	1000 1000	1000 1000
Electrical System			
Battery/installation	Ah/-	80 / luggage comp.	80 / luggage comp
Alternator	A/W	170/2380	170 / 2380
	,		
Driving Dynamics and Safety	,		
Suspension, front	A	Aluminium double-joint spring strut axle w	ith M-specific elastokinematics
Suspension, rear		Five-link axle in lightweight steel construct	
Brakes, front		Four-piston fixed-callipe	· · · · · · · · · · · · · · · · · · ·
Brakes, rear		Twin-piston fixed-callipe	
Driving stability systems	S	tandard: DSC incl. ABS, ASC and DTC (E	
		rnering Brake Control), DBC (Dynamic Bra	
	•	ing Compensation, Start-Off Assistant; Bl	
		all-wheel-drive system in Integrated C	
Safety equipment	Stan	idard: airbags for driver and front passeng	
	pas	ssenger, head airbags front and rear, three	-point inertia-reel seatbelts on all
		seats with belt tensioner and belt f	
		crash sensors, Tyre Def	
Steering		Electric Power Steer	
		variable sport steering incl. Se	
Steering ratio, overall	:1	14.5	14.6
Tyres, front/rear		225/40 ZR18 88Y/	225/40 ZR18 88Y
		245/35 ZR18 92Y XL	245/35 ZR18 92Y XL
Rims, front/rear		7.5J x 18 light-alloy/	7.5J x 18 light-alloy/
-,			

			BMW M135i 3-door	BMW M135i xDrive 3-doo
Transmission	<b>.</b>			
Type of transm	•		6-speed manual (optional: 8-speed	8-speed Steptronic sport transmissio
rypo or tranom			Steptronic sport transmission)	o-speed Steptionic sport transmission
Gear ratios	1	:1	4.110 (4.714)	4.71
		:1	2.315 (3.143)	3.14
		:1	1.542 (2.106)	2.100
	IV	:1	1.179 (1.667)	1.66
	V	:1	1.000 (1.285)	1.28
	VI	:1	0.846 (1.000)	1.000
	VII	:1	- (0.839)	0.839
	VIII	:1	- (0.667)	0.66
	R	:1	3.727 (3.295)	3.29
Final drive		:1	3.077 (3.077)	3.07
Performance				
Power-to-weig	ht ratio	kg/kW	6.0 (6.0)	6.
Output per litre	)	kW/ltr	80.6	80.0
Acceleration	0–100 km/h	S	5.1 (4.9)	4.
in 5th gear	80–120 km/h	S	5.0 (-)	
Top speed		km/h	250 (250)	250
BMW Efficien	ntDynamics			
BMW Efficient[	Dynamics		Brake Energy Regeneratio	n with recuperation display,
standard featur	res	E	Electric Power Steering (EPS), Auto S	Start Stop function, Optimum Gearshift
			Indicator, ECO PRO mode with coa	sting function (automatic), intelligent
			lightweight construction, optimised	aerodynamic attributes, on-demand
		o	peration of ancillary units, map-contro	olled oil pump, final drive with optimised
				weight-optimised transfer case (BMW
			M135i xDrive), tyres wit	h reduced roll resistance
Fuel Consum	ption EU			
Urban		ltr/100 km	10.9 (10.3)	10.8
Extra-urban		ltr/100 km	6.4 (5.9)	6.

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 3-door.

		BMW 116d 3-door
Body		
-		0/4/5)
No. of doors/seats		3/4(5)
Length/width/height <sup>1)</sup> (unladen) Wheelbase	mm	4329 / 1765 / 1421
	mm	2690
Track, front/rear	mm	1535 / 1569
Ground clearance	mm	140
Turning circle	m	10.9
Fuel tank capacity	approx.	52
Cooling system incl. heater	ltr ltr	7.0
Engine oil <sup>2)</sup>	ltr	4.4
Weight, unladen, to DIN/EU		1320 / 1395
Weight, unladen, to Diff/EO	kg	(1350 / 1425)
Max. load to DIN	kg	565
Max. permissible weight	kg	1885 (1915)
Max. axle load, front/rear		885 / 1090
Max. trailer load,	kg kg	0037 1030
braked (12%)/unbraked	кg	1500 / 690
Max. roof load/max towbar	kg	75 / 75
download	y	
Luggage comp. capacity	ltr	360 – 1200
Air resistance	C <sub>d</sub> x A	0.30 x 2.14
Power Unit		
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
Electrical System		
Battery/installation	Ah/-	90 / luggage comp.
Alternator	A/W	180 / 2520
Driving Dynamics and Safety		
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		
Driving stability systems		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
Cafaturanianaant		, , ,
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),
5		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
		0.00 A 10 3(66)

		BMW 116d 3-door		
Transmissior	•			
Type of transm	-		6-speed manual (optional: 8-speed Steptronic transmission)	
Gear ratios	1	:1	4.002 (5.000)	
	i	.1	2.130 (3.200)	
	 	:1	1.396 (2.143)	
	IV	:1	1.000 (1.720)	
	V	:1	0.781 (1.314)	
	VI	:1	0.668 (1.000)	
	VI	:1	- (0.822)	
	VII	.1	- (0.622) - (0.640)	
	R	:1	3.647 (3.456)	
Final drive	п	:1	3.077 (2.647)	
Final unve		:1	3.077 (2.647)	
Performance				
Power-to-weig	ht 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 Efficien	+Dynamics			
BMW Efficient			Brake Energy Regeneration with recuperation display,	
standard featur		Elect	ric Power Steering (EPS), Auto Start Stop function, Optimum Gearshif	
	00		cator, ECO PRO mode, intelligent lightweight construction, optimised	
			erodynamic attributes, on-demand operation of ancillary units, map-	
			trolled oil pump, detachable a/c compressor, final drive with optimised	
			warm-up behaviour, tyres with reduced roll resistance	
	2)			
Fuel Consum				
	yres, rims 7J x 16 a		R16 as well as winter tyres	
Urban		ltr/100 km	4.3 (4.1)	
Extra-urban		ltr/100 km 3.3 (3.4)		
Combined			3.7 (3.6)	
CO <sub>2</sub>		g/km	97 (96)	
			7.5J x 17 and tyres 225/45 R 17, 5/45 R17 front, 245/40 R17 rear	
Urban	K 17 HUHL, 85 X 17 I	ltr/100 km		
			4.7 (4.4)	

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

 $^{1)}$  Height with roof fin: 1440 mm  $^{2)}$  Oil change  $^{3)}$  Fuel consumption and CO $_2$  emission figures depend on the selected tyre format

# BMW 116d EfficientDynamics Edition 3-door.

		BMW 116d EfficientDynamics Edition 3-door		
Body				
No. of doors/seats		3 / 4 (5)		
Length/width/height <sup>1)</sup> (unladen)	mm	4329 / 1765 / 1413		
Wheelbase	mm	2690		
Track. front/rear		1523 / 1558		
Ground clearance	mm mm	132		
Turning circle		10.9		
Fuel tank capacity	m	52		
der tank capacity	approx. Itr	JZ		
Cooling system incl. heater	ltr	7.0		
Engine oil 2)	ltr	4.4		
Weight, unladen, to DIN/EU		1320 / 1395		
Max. load to DIN	kg	565		
Max. permissible weight	kg	1885		
Vax. permissible weight Vax. axle load, front/rear	kg			
Max. axie load, front/rear Max. trailer load.	kg	855 / 1090		
oraked (12%)/unbraked	kg	-1-		
Max. roof load/max towbar download	kg	757 -		
Luggage comp. capacity	ltr	360 – 1200		
Air resistance	C <sub>d</sub> x A	0.29 x 2.14		
Power Unit				
Power Unit 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	-	90.0 / 84.0		
Compression ratio		16.5		
Fuel	.	diesel		
Vax. output	1.1 1/1/1			
at	kW/hp	85/116		
	rpm	4000		
Max torque	Nm	270		
at	rpm	1750 – 2250		
Electrical System				
Battery/installation	Ah/–	90 / luggage comp.		
Alternator	A/W	180 / 2520		
Driving Dynamics and Safety				
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 an 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),		
Steering ratio overall	~	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	n		6-speed manual
Gear ratios		:1	4.002
		:1	2.130
		: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 rat	io	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, mapcontrolled 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		
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 fro	nt, 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 fro	ont, 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)

 $^{1)}$  Height with roof fin: 1432 mm  $^{2)}$  Oil change  $^{3)}$  Fuel consumption and CO $_2$  emission figures depend on the selected tyre format

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

		BMW 118d 3-door	BMW 118d xDrive 3-door
Body			
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		2690	43297170371421
Track, front/rear	mm		1522/1556
Ground clearance	mm	1535 / 1569	
Turning circle	mm	140	140
8	m	10.9	11.3
Fuel tank capacity	approx.	52	52
Cooling system incl. heater	ltr	7.0	7.0
Engine oil 2)	ltr	7.0	7.0
5	ltr	5.0	5.0
Weight, unladen, to DIN/EU	kg	1350 / 1425	1420/1495
		(1375 / 1450)	
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,	kg		
braked (12%)/unbraked		1500 / 690	1500/710
Max. roof load/max towbar	kg	75/75	75/75
download			
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
Power Unit			
Config./No. of cyls./valves		in-line / 4 / 4	in-line / 4 / 4
Engine technology	BMW/T	winPower Turbo technology: turboch	
Engine teermology	DIVIVVI	common rail direct injection with s	
		max. injection pressure	3 ,
Effective capacity	cm <sup>3</sup>	1995	1995
Stroke/bore	mm	90.0 / 84.0	90.0 / 84.0
Compression ratio			
Fuel	:1	16.5	16.5
	1.1.4.//	diesel	diese
Max. output	kW/hp	110/150	110/150
at	rpm	4000	4000
Max torque	Nm	320	320
at	rpm	1500 – 3000	1500 – 3000
Electrical System			
Battery/installation	Ah/-	90 / luggage comp.	90 / luggage comp.
Alternator	A/W	150 / 2100	150 / 2100
	,	10072100	10072100
Driving Dynamics and Safety			
Suspension, front		Aluminium double-joint s	
Suspension, rear	Five	-link axle in lightweight steel construc	tion with double elastic bearing
Brakes, front		Single-piston floating-calli	per disc brakes
Brakes, rear		Single-piston floating-calli	per disc brakes
Driving stability systems	Stan	dard: DSC incl. ABS, ASC and DTC (E	Dynamic Traction Control), CBC
	(Corner	ing Brake Control), DBC (Dynamic Bra	ake Control), Dry Braking function,
	Fading	Compensation, Start-Off Assistant; E	MW 118d xDrive: linked to xDrive
		all-wheel-drive system in Integrated C	hassis Management (ICM)
Safety equipment	Standar	d: airbags for driver and front passeng	er, side airbags for driver and front
	passen	ger, head airbags front and rear, three	-point inertia-reel seatbelts on all
		seats with belt tensioner and belt f	
		crash sensors, Tyre Det	
Steering		Electric Power Steer	ing (EPS),
		optional: Servotronic function, v	ariable sport steering
	.1	15.0	15.1
Steering ratio, overall	:1	10.0	
Steering ratio, overall Tyres, front/rear	:1	195/55 R16 87W	205/55 R16 91V

			BMW 118d 3-door	BMW 118d xDrive 3-doo
Transmissior	1			
Type of transm	nission		6-speed manual (optional: 8-speed	6-speed manua
			Steptronic transmission)	
Gear ratios		:1	4.002 (5.000)	4.110
		:1	2.130 (3.200)	2.248
		:1	1.396 (2.143)	1.403
	IV	:1	1.000 (1.720)	1.000
	V	:1	0.781 (1.314)	0.802
	VI	:1	0.668 (1.000)	0.659
	VII	:1	- (0.822)	-
	VIII	:1	- (0.640)	-
	R	:1	3.647 (3.456)	3.727
Final drive		:1	3.077 (2.647)	3.154
Performance				
Power-to-weig	ht ratio	kg/kW	12.3 (12.5)	12.9
Output per litre	)	kW/ltr	55.1	55.1
Acceleration	0–100 km/h	S	8.3 (8.1)	8.4
in 5th gear	80–120 km/h	S	9.2 (-)	9.5
Top speed		km/h	212 (212)	210
BMW Efficier	ntDynamics			
BMW Efficient	 Dynamics		Brake Energy Regeneration wit	h recuperation display,
standard features		E	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

3.8 (3.8)

4.3 (4.2)

EU6

114 (110)

4.1 4.7

123

EU6

Fuel Consumption E	U <sup>3)</sup>		
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 1	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	r tyres,	
with rims 7.5J x 17 from	nt, 8J x 17 rear and tyres 225/45 R1	7 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 fro	nt, 8J x 18 rear and tyres 225/40 R1	8 front, 245/35 R18 rear	
Urban	ltr/100 km	5.2 (4.9)	5.6

Combined  $CO_2$ 

Extra-urban

Emission rating

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

 $^{1)}$  Height with roof fin: 1440 mm  $^{2)}$  Oil change  $^{3)}$  Fuel consumption and CO\_2 emission figures depend on the selected tyre format

ltr/100 km

ltr/100 km

g/km

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

		BMW 120d 3-door	BMW 120d xDrive 3-door		
Body					
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		1521/1556	1522 / 1556		
Ground clearance	mm	140			
Turning circle	mm		140		
Fuel tank capacity	m	10.9	11.3		
Fuel tank capacity	approx.	52	52		
Cooling system incl. heater	ltr	7.0	7.0		
Engine oil 2)	ltr ltr	7.0			
Weight, unladen, to DIN/EU					
weight, unladen, to Dirveo	kg		1450/1525		
Max. load to DIN		(1385 / 1460)			
Max. permissible weight	kg	565	550		
	kg	1935 (1950)	2000		
Max. axle load, front/rear	kg	900 / 1090	975 / 1090		
Max. trailer load,	kg				
braked (12%)/unbraked		1500/710	1500 / 750		
Max. roof load/max towbar	kg	75/75	75/75		
download Luggage comp. capacity	lter	260 1200	260 1200		
Air resistance	ltr	360 - 1200	360 - 1200		
Air resistance	C <sub>d</sub> x A	0.30 x 2.14	0.31 x 2.14		
Power Unit					
Config./No. of cyls./valves					
		in-line / 4 / 4	in-line / 4 / 4		
Engine technology	BIMW	TwinPower Turbo technology: turbocha common rail direct injection with so max. injection pressure	plenoid valve injectors,		
Effective capacity	cm <sup>3</sup>	1995	. 2,000 Dai 1995		
Stroke/bore		90.0 / 84.0	90.0 / 84.0		
Compression ratio					
Fuel	:1	16.5	16.5 diese		
Max. output	W//bp		140 / 190		
at	kW/hp				
Max torque	rpm	4000	4000		
	Nm	400	400		
at	rpm	1750 – 2500	1750 – 2500		
Electrical System					
Battery/installation	Ah/–	90 / luggage comp.	90 / luggage comp.		
Alternator	A/W	150/2100	150/2100		
Driving Dynamics and Safety	1				
Suspension, front		Aluminium double-joint sp	ring strut axle		
Suspension, rear	Fiv	e-link axle in lightweight steel construct	ion with double elastic bearing		
Brakes, front		Single-piston floating-callip	er disc brakes		
Brakes, rear		Single-piston floating-callip	er disc brakes		
Driving stability systems	Star	ndard: DSC incl. ABS, ASC and DTC (D			
	(Corne	ering Brake Control), DBC (Dynamic Bra	ke Control), Dry Braking function,		
	•	g Compensation, Start-Off Assistant; Bl			
		all-wheel-drive system in Integrated Cl			
Safety equipment	Standa	ard: airbags for driver and front passenge	er, 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 for			
		crash sensors, Tyre Defe			
Steering		Electric Power Steerin			
		optional: Servotronic function, va	riable sport steering		
Steering ratio, overall	:1	15.0	15.1		
		20E/EE D16 01V	205/55 R16 91V		
Tyres, front/rear		205/55 R16 91V	203/33 KT0 91V		

			BMW 120d 3-door	BMW 120d xDrive 3-door
Transmission				
Type of transmi	ission		6-speed manual (optional: 8-speed	8-speed Steptronic transmission
51			Steptronic transmission)	
Gear ratios		:1	4.110 (5.000)	5.000
		:1	2.248 (3.200)	3.200
	III	:1	1.403 (2.143)	2.143
	IV	:1	1.000 (1.720)	1.720
	V	:1	0.802 (1.314)	1.314
	VI	:1	0.659 (1.000)	1.000
	VII	:1	- (0.822)	0.822
	VIII	:1	- (0.640)	0.640
	R	:1	3.727 (3.456)	3.456
Final drive		:1	3.077 (2.647)	2.647
Performance				
Power-to-weigh	nt ratio	kg/kW	9.8 (9.9)	10.4
Output per litre		kW/ltr	70.2	70.2
Acceleration	0–100 km/h	S	7.1 (7.0)	6.8
in 5th gear	80–120 km/h	S	7.2 (-)	
Top speed		km/h	228 (228)	222
	)ynamics es		Brake Energy Regeneration Electric Power Steering (EPS), Auto Sta Indicator, ECO PRO mode with coast	rt Stop function, Optimum Gearshift
			Electric Power Steering (EPS), Auto Sta Indicator, ECO PRO mode with coasti lightweight construction, optimised ac operation of ancillary units, map-cor compressor, final drive with optimised weight-optimised transfer case (BMW	rt Stop function, Optimum Gearshift ing function (automatic), intelligent erodynamic attributes, on-demand ntrolled oil pump, detachable a/c warm-up behaviour, efficiency- and V 120d xDrive), tyres with reduced
standard feature	es		Electric Power Steering (EPS), Auto Sta Indicator, ECO PRO mode with coast lightweight construction, optimised are operation of ancillary units, map-con compressor, final drive with optimised	rt Stop function, Optimum Gearshift ing function (automatic), intelligent erodynamic attributes, on-demand ntrolled oil pump, detachable a/c warm-up behaviour, efficiency- and V 120d xDrive), tyres with reduced
standard feature	ption EU <sup>3)</sup>		Electric Power Steering (EPS), Auto Sta Indicator, ECO PRO mode with coasti lightweight construction, optimised ac operation of ancillary units, map-cor compressor, final drive with optimised weight-optimised transfer case (BMW	rt Stop function, Optimum Gearshift ing function (automatic), intelligent erodynamic attributes, on-demand ntrolled oil pump, detachable a/c warm-up behaviour, efficiency- and V 120d xDrive), tyres with reduced
standard feature	ption EU <sup>3)</sup>		Electric Power Steering (EPS), Auto Sta Indicator, ECO PRO mode with coast lightweight construction, optimised ac operation of ancillary units, map-cor compressor, final drive with optimised weight-optimised transfer case (BMW roll resist	rt Stop function, Optimum Gearshift ing function (automatic), intelligent erodynamic attributes, on-demand trolled oil pump, detachable a/c warm-up behaviour, efficiency- and / 120d xDrive), tyres with reduced tance
standard feature Fuel Consump With standard ty Urban	ption EU <sup>3)</sup> yres	tr/100 km	Electric Power Steering (EPS), Auto Sta Indicator, ECO PRO mode with coast lightweight construction, optimised ac operation of ancillary units, map-cor compressor, final drive with optimised weight-optimised transfer case (BMW roll resist	rt Stop function, Optimum Gearshift ing function (automatic), intelligent erodynamic attributes, on-demand ntrolled oil pump, detachable a/c warm-up behaviour, efficiency- and / 120d xDrive), tyres with reduced tance
standard feature Fuel Consump With standard ty Urban Extra-urban	ption EU <sup>3)</sup> yres	tr/100 km tr/100 km	Electric Power Steering (EPS), Auto Sta Indicator, ECO PRO mode with coast lightweight construction, optimised ac operation of ancillary units, map-cor compressor, final drive with optimised weight-optimised transfer case (BMW roll resist 5.0 (4.6) 3.6 (3.5)	rt Stop function, Optimum Gearshift ing function (automatic), intelligent erodynamic attributes, on-demand ntrolled oil pump, detachable a/c warm-up behaviour, efficiency- and / 120d xDrive), tyres with reduced tance 5.1 3.5
standard feature Fuel Consump With standard ty Urban Extra-urban Combined	ption EU <sup>3)</sup> yres	tr/100 km tr/100 km tr/100 km	Electric Power Steering (EPS), Auto Sta Indicator, ECO PRO mode with coast lightweight construction, optimised ac operation of ancillary units, map-cor compressor, final drive with optimised weight-optimised transfer case (BMW roll resist 5.0 (4.6) 3.6 (3.5) 4.1 (3.9)	rt Stop function, Optimum Gearshift ing function (automatic), intelligent erodynamic attributes, on-demand ntrolled oil pump, detachable a/c warm-up behaviour, efficiency- and / 120d xDrive), tyres with reduced tance 5.1 3.2 4.3
Fuel Consump With standard ty Urban Extra-urban Combined CO <sub>2</sub> With rims 7J x 1	ption EU <sup>3)</sup> yres 1 17 and tyres 205/5	tr/100 km tr/100 km tr/100 km g/km i0 R17, with	Electric Power Steering (EPS), Auto Sta Indicator, ECO PRO mode with coast lightweight construction, optimised ac operation of ancillary units, map-cor compressor, final drive with optimised weight-optimised transfer case (BMW roll resist 5.0 (4.6) 3.6 (3.5) 4.1 (3.9) 108 (103) n rims 7.5J x 17 and tyres 225/45 R 17 a	rt Stop function, Optimum Gearshift ing function (automatic), intelligent erodynamic attributes, on-demand ntrolled oil pump, detachable a/c warm-up behaviour, efficiency- and / 120d xDrive), tyres with reduced tance 5.1 3.2 4.2 113
Fuel Consump With standard ty Urban Extra-urban Combined CO <sub>2</sub> With rims 7J x 1 with rims 7.5J x	ption EU <sup>3)</sup> yres 17 and tyres 205/5 17 front, 8J x 17	tr/100 km tr/100 km tr/100 km g/km i0 R17, with rear and tyr	Electric Power Steering (EPS), Auto Sta Indicator, ECO PRO mode with coast lightweight construction, optimised ac operation of ancillary units, map-cor compressor, final drive with optimised weight-optimised transfer case (BMW roll resist 5.0 (4.6) 3.6 (3.5) 4.1 (3.9) 108 (103) n rims 7.5J x 17 and tyres 225/45 R 17 ac	rt Stop function, Optimum Gearshift ing function (automatic), intelligent erodynamic attributes, on-demand ntrolled oil pump, detachable a/c warm-up behaviour, efficiency- and / 120d xDrive), tyres with reduced tance 5.1 3.2 4.2 113 as well as winter tyres,
Fuel Consump With standard ty Urban Extra-urban Combined CO <sub>2</sub> With rims 7J x 1 with rims 7.5J x Urban	ption EU <sup>3)</sup> yres 17 and tyres 205/5 17 front, 8J x 17	tr/100 km tr/100 km g/km i0 R17, with rear and tyr tr/100 km	Electric Power Steering (EPS), Auto Sta Indicator, ECO PRO mode with coast lightweight construction, optimised ac operation of ancillary units, map-cor compressor, final drive with optimised weight-optimised transfer case (BMW roll resist 5.0 (4.6) 3.6 (3.5) 4.1 (3.9) 108 (103) n rims 7.5J x 17 and tyres 225/45 R 17 ac es 225/45 R17 front, 245/40 R17 rear 5.3 (4.9)	rt Stop function, Optimum Gearshift ing function (automatic), intelligent erodynamic attributes, on-demand ntrolled oil pump, detachable a/c warm-up behaviour, efficiency- and / 120d xDrive), tyres with reduced tance 5.1 3.2 4.3 3.3 4.3 3.3 5.1 3.5 5.5 3.5 5.5
Fuel Consump With standard ty Urban Extra-urban COnbined CO2 With rims 7J x 1 with rims 7.5J x Urban Extra-urban	ption EU <sup>3)</sup> yres 17 and tyres 205/5 17 front, 8J x 17 1	tr/100 km tr/100 km g/km i0 R17, with rear and tyr tr/100 km tr/100 km	Electric Power Steering (EPS), Auto Sta Indicator, ECO PRO mode with coast lightweight construction, optimised ac operation of ancillary units, map-cor compressor, final drive with optimised weight-optimised transfer case (BMW roll resist 5.0 (4.6) 3.6 (3.5) 4.1 (3.9) 108 (103) n rims 7.5J x 17 and tyres 225/45 R 17 es 225/45 R17 front, 245/40 R17 rear 5.3 (4.9) 3.7 (3.7)	rt Stop function, Optimum Gearshift ing function (automatic), intelligent erodynamic attributes, on-demand ntrolled oil pump, detachable a/c warm-up behaviour, efficiency- and / 120d xDrive), tyres with reduced tance 5. 3.9 4.2 111 as well as winter tyres, 5. 4. 4.
Fuel Consump With standard ty Urban Extra-urban Combined CO <sub>2</sub> With rims 7J x 1 with rims 7.5J x Urban Extra-urban Combined	ption EU <sup>3)</sup> yres 17 and tyres 205/5 17 front, 8J x 17 1	tr/100 km tr/100 km g/km i0 R17, witr rear and tyr tr/100 km tr/100 km tr/100 km	Electric Power Steering (EPS), Auto Sta Indicator, ECO PRO mode with coast lightweight construction, optimised ac operation of ancillary units, map-cor compressor, final drive with optimised weight-optimised transfer case (BMW roll resist 5.0 (4.6) 3.6 (3.5) 4.1 (3.9) 108 (103) n rims 7.5J x 17 and tyres 225/45 R 17 es 225/45 R17 front, 245/40 R17 rear 5.3 (4.9) 3.7 (3.7) 4.3 (4.1)	rt Stop function, Optimum Gearshift ing function (automatic), intelligent erodynamic attributes, on-demand ntrolled oil pump, detachable a/c warm-up behaviour, efficiency- and / 120d xDrive), tyres with reduced tance 5.1 3.9 4.3 3.9 4.3 1113 as well as winter tyres, 5.1 4.1 4.1 4.1 4.1
Fuel Consump With standard ty Urban Extra-urban Combined CO <sub>2</sub> With rims 7J x 1 with rims 7J x 1 with rims 7J x 1 With rims 7J x 1 Conbined CO <sub>2</sub>	ption EU <sup>3)</sup> yres 17 and tyres 205/5 17 front, 8J x 17 1 1	tr/100 km tr/100 km g/km i0 R17, with rear and tyr tr/100 km tr/100 km tr/100 km g/km	Electric Power Steering (EPS), Auto Sta Indicator, ECO PRO mode with coast lightweight construction, optimised as operation of ancillary units, map-cor compressor, final drive with optimised weight-optimised transfer case (BMW roll resist 5.0 (4.6) 3.6 (3.5) 4.1 (3.9) 108 (103) n rims 7.5J x 17 and tyres 225/45 R 17 es 225/45 R17 front, 245/40 R17 rear 5.3 (4.9) 3.7 (3.7) 4.3 (4.1) 114 (109)	rt Stop function, Optimum Gearshift ing function (automatic), intelligent erodynamic attributes, on-demand ntrolled oil pump, detachable a/c warm-up behaviour, efficiency- and / 120d xDrive), tyres with reduced tance 5. 3. 4. 111 as well as winter tyres, 5. 4. 4. 4.
Fuel Consump With standard ty Urban Extra-urban Combined CO <sub>2</sub> With rims 7.5 J x Urban Extra-urban Combined CO <sub>2</sub> With rims 7.5 J x Urban Combined CO <sub>2</sub> With rims 7.5 J x	ption EU <sup>3)</sup> yres 17 and tyres 205/5 17 front, 8J x 17 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	tr/100 km tr/100 km g/km i0 R17, with rear and tyr tr/100 km tr/100 km tr/100 km rear and tyr	Electric Power Steering (EPS), Auto Sta Indicator, ECO PRO mode with coast lightweight construction, optimised ac operation of ancillary units, map-cor compressor, final drive with optimised weight-optimised transfer case (BMW roll resist 5.0 (4.6) 3.6 (3.5) 4.1 (3.9) 108 (103) n rims 7.5J x 17 and tyres 225/45 R 17 es 225/45 R17 front, 245/40 R17 rear 5.3 (4.9) 3.7 (3.7) 4.3 (4.1) 114 (109) res 225/40 R18 front, 245/35 R18 rear	rt Stop function, Optimum Gearshift ing function (automatic), intelligent erodynamic attributes, on-demand ntrolled oil pump, detachable a/c warm-up behaviour, efficiency- and / 120d xDrive), tyres with reduced iance 5.1 3.9 4.2 113 as well as winter tyres, 5.3 4.1 115
Fuel Consump With standard ty Urban Extra-urban Combined CO <sub>2</sub> With rims 7.J x 1 with rims 7.J x 1 with rims 7.5J x Urban Extra-urban Combined CO <sub>2</sub> With rims 7.5J x Urban	ption EU <sup>3)</sup> yres 17 and tyres 205/5 17 front, 8J x 17 1 1 x 18 front, 8J x 18	tr/100 km tr/100 km g/km i0 R17, with rear and tyr tr/100 km tr/100 km g/km rear and tyr tr/100 km	Electric Power Steering (EPS), Auto Sta Indicator, ECO PRO mode with coast lightweight construction, optimised ac operation of ancillary units, map-cor compressor, final drive with optimised weight-optimised transfer case (BMW roll resist 5.0 (4.6) 3.6 (3.5) 4.1 (3.9) 108 (103) n rims 7.5J x 17 and tyres 225/45 R17 es 225/45 R17 front, 245/40 R17 rear 5.3 (4.9) 3.7 (3.7) 4.3 (4.1) 114 (109) res 225/40 R18 front, 245/35 R18 rear 5.5 (5.1)	rt Stop function, Optimum Gearshift ing function (automatic), intelligent erodynamic attributes, on-demand ntrolled oil pump, detachable a/c warm-up behaviour, efficiency- and / 120d xDrive), tyres with reduced tance 5.1 3.2 4.3 113 as well as winter tyres, 5.3 4.1 4.5 5.5
Fuel Consump With standard ty Urban Extra-urban Combined CO <sub>2</sub> With rims 7.J x 1 with rims 7.5J x Urban Extra-urban Combined CO <sub>2</sub> With rims 7.5J x Urban Extra-urban	es ption EU <sup>3)</sup> yres 17 and tyres 205/5 17 front, 8J x 17 1 x 18 front, 8J x 18 1 1 1 1 1 1 1 1 1 1 1 1 1	tr/100 km tr/100 km g/km i0 R17, with rear and tyr tr/100 km tr/100 km rear and tyr tr/100 km tr/100 km	Electric Power Steering (EPS), Auto Sta Indicator, ECO PRO mode with coast lightweight construction, optimised ac operation of ancillary units, map-cor compressor, final drive with optimised weight-optimised transfer case (BMW roll resist 5.0 (4.6) 3.6 (3.5) 4.1 (3.9) 108 (103) n rims 7.5J x 17 and tyres 225/45 R17 es 225/45 R17 front, 245/40 R17 rear 5.3 (4.9) 3.7 (3.7) 4.3 (4.1) 114 (109) res 225/40 R18 front, 245/35 R18 rear 5.5 (5.1) 3.9 (3.9)	rt Stop function, Optimum Gearshift ing function (automatic), intelligent erodynamic attributes, on-demand ntrolled oil pump, detachable a/c warm-up behaviour, efficiency- and / 120d xDrive), tyres with reduced tance 5.1 3.9 4.3 113 as well as winter tyres, 5.3 4.1 4.5 5.5 4.3 4.1 4.5 4.3 4.1 4.5 4.3 4.1 4.5 4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3
Fuel Consump With standard ty Urban Extra-urban Combined CO <sub>2</sub> With rims 7.J x 1 with rims 7.J x 1 with rims 7.5J x Urban Extra-urban Combined CO <sub>2</sub> With rims 7.5J x Urban	es ption EU <sup>3)</sup> yres 17 and tyres 205/5 17 front, 8J x 17 1 x 18 front, 8J x 18 1 1 1 1 1 1 1 1 1 1 1 1 1	tr/100 km tr/100 km g/km i0 R17, with rear and tyr tr/100 km tr/100 km g/km rear and tyr tr/100 km	Electric Power Steering (EPS), Auto Sta Indicator, ECO PRO mode with coast lightweight construction, optimised ac operation of ancillary units, map-cor compressor, final drive with optimised weight-optimised transfer case (BMW roll resist 5.0 (4.6) 3.6 (3.5) 4.1 (3.9) 108 (103) n rims 7.5J x 17 and tyres 225/45 R17 es 225/45 R17 front, 245/40 R17 rear 5.3 (4.9) 3.7 (3.7) 4.3 (4.1) 114 (109) res 225/40 R18 front, 245/35 R18 rear 5.5 (5.1)	rt Stop function, Optimum Gearshift ing function (automatic), intelligent erodynamic attributes, on-demand ntrolled oil pump, detachable a/c warm-up behaviour, efficiency- and / 120d xDrive), tyres with reduced tance 5.1 3.2 4.3 4.3 113 as well as winter tyres, 5.3 4.1 4.5 5.5 5.5 5.5

Emission rating

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)

EU6

EU6

<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
Body		
		014/5
No. of doors/seats		3 / 4 (5)
Length/width/height <sup>1)</sup> (unladen) Wheelbase	mm	4329 / 1765 / 1421
	mm	2690
Track, front/rear	mm	1521/1556
Ground clearance	mm	140
Turning circle	m	10.9
Fuel tank capacity	approx. Itr	52
Cooling system incl. heater	ltr	7.0
Engine oil 2)	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,		5407 1050
braked (12%)/unbraked	Kg	1500 / 740
Max. roof load/max towbar	kg	75775
download		
Luggage comp. capacity	ltr	360 – 1200
Air resistance	C <sub>d</sub> x A	0.31 x 2.14
Power Unit		
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		90.0 / 84.0
Compression ratio		16.5
Fuel	.	
	1.1.4.//1.	diesel
Max. output	kW/hp	165/224
at Advite server	rpm	4400
Max torque	Nm	450
at	rpm	1500 – 3000
Electrical System		
Battery/installation	Ah/–	90 / luggage comp.
Alternator	A/W	150/2100
Driving Dynamics and Safety		
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),
Stooring ratio overall	. 4	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.

			BMW 125d 3-door
Transmission			
Type of transmission	n		8-speed Steptronic transmission
Gear ratios	I	:1	5.000
		: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 rat	io	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

Fuel Consumption E	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 an	d tyres 225/45 R 17 as well as winter ty	res,	
with rims 7.5J x 17 from	nt, 8J x 17 rear and tyres 225/45 R17 fr	ont, 245/40 R17 rear,	
with rims 7.5J x 18 from	nt, 8J x 18 rear and tyres 225/40 R18 fr	ont, 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)

 $^{1)}$  Height with roof fin: 1440 mm  $^{2)}$  Oil change  $^{3)}$  Fuel consumption and CO\_2 emission figures depend on the selected tyre format

BMW 116i 5-door.

		BMW 116i 5-door
Body		
No. of doors/seats		5/5
Length/width/height <sup>1)</sup> (unladen)	mm	4329 / 1765 / 1421
Wheelbase	mm	2690
Track, front/rear		
Ground clearance	mm	1535 / 1569 140
Turning circle	mm	140
Fuel tank capacity	m	
i dei tarik capacity	approx. Itr	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
Vax. axle load, front/rear	kg	850 / 1090
Max. trailer load,	kg	8307 1090
oraked (12%)/unbraked	ĸy	1200 / 650
Max. roof load/max towbar	kg	75/75
download	кg	10110
Luggage comp. capacity	ltr	360 – 1200
Air resistance	C <sub>d</sub> x A	0.31 x 2.14
Power Unit		
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	CM3	1499
	mm	94.6 / 82.0
Compression ratio	mm :1	94.6 / 82.0 11.0
Compression ratio		
Compression ratio Fuel		11.0
Compression ratio Fuel Max. output	:1	11.0 min RON 91
Compression ratio Fuel Max. output at	:1 kW/hp	11.0 min RON 91 80 / 109
Compression ratio Fuel Max. output at Max torque	:1 kW/hp rpm	11.0 min RON 91 80 / 109 4500 - 6000
Compression ratio Fuel Max. output at Max torque at	:1 kW/hp rpm Nm	11.0 min RON 91 80 / 109 4500 – 6000 180
Compression ratio Fuel Max. output at Max torque at Electrical System	:1 kW/hp rpm Nm rpm	11.0 min RON 91 80 / 109 4500 – 6000 180 1250
Compression ratio Fuel Max. output at Max torque at Electrical System Battery/installation	:1 kW/hp rpm Nm rpm Ah/–	11.0 min RON 91 80 / 109 4500 – 6000 180 1250 90 / luggage comp.
Compression ratio Fuel Max. output at Max torque at Electrical System Battery/installation	:1 kW/hp rpm Nm rpm	11.0 min RON 91 80 / 109 4500 – 6000 180 1250
Compression ratio Fuel Max. output at Max torque at Electrical System Battery/installation Alternator	:1 kW/hp rpm Nm rpm Ah/–	11.0 min RON 91 80 / 109 4500 – 6000 180 1250 90 / luggage comp.
Compression ratio Fuel Max. output at Max torque at Electrical System Battery/installation Alternator Driving Dynamics and Safety	:1 kW/hp rpm Nm rpm Ah/–	11.0 min RON 91 80 / 109 4500 – 6000 180 1250 90 / luggage comp. 180 / 2520
Compression ratio Fuel Max. output at Max torque at Electrical System Battery/installation Alternator Driving Dynamics and Safety Suspension, front	:1 kW/hp rpm Nm rpm Ah/–	11.0 min RON 91 80 / 109 4500 – 6000 180 1250 90 / luggage comp. 180 / 2520 Aluminium double-joint spring strut axle
Compression ratio Fuel Max. output at Max torque at Electrical System Battery/installation Alternator Driving Dynamics and Safety Suspension, front Suspension, rear	:1 kW/hp rpm Nm rpm Ah/–	11.0 min RON 91 80 / 109 4500 - 6000 180 1250 90 / luggage comp. 180 / 2520 Aluminium double-joint spring strut axle Five-link axle in lightweight steel construction with double elastic bearing
Compression ratio Fuel Max. output at Max torque at Electrical System Battery/installation Alternator Driving Dynamics and Safety Suspension, front Suspension, rear Brakes, front	:1 kW/hp rpm Nm rpm Ah/–	11.0 min RON 91 80 / 109 4500 - 6000 180 1250 90 / luggage comp. 180 / 2520 Aluminium double-joint spring strut axle Five-link axle in lightweight steel construction with double elastic bearing Single-piston floating-calliper disc brakes
Compression ratio Fuel Max. output at Max torque at Electrical System Battery/installation Alternator Driving Dynamics and Safety Suspension, front Suspension, rear Brakes, front Brakes, rear	:1 kW/hp rpm Nm rpm Ah/–	11.0 min RON 91 80 / 109 4500 - 6000 180 1250 90 / luggage comp. 180 / 2520 Aluminium double-joint spring strut axle Five-link axle in lightweight steel construction with double elastic bearing Single-piston floating-calliper disc brakes Single-piston floating-calliper disc brakes
Compression ratio Fuel Max. output at Max torque at Electrical System Battery/installation Alternator Driving Dynamics and Safety Suspension, front Suspension, rear Brakes, front Brakes, rear	:1 kW/hp rpm Nm rpm Ah/–	11.0 min RON 91 80 / 109 4500 - 6000 180 1250 90 / luggage comp. 180 / 2520 Aluminium double-joint spring strut axle Five-link axle in lightweight steel construction with double elastic bearing Single-piston floating-calliper disc brakes Single-piston floating-calliper disc brakes Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC
Compression ratio Fuel Max. output at Max torque at Electrical System Battery/installation Alternator Driving Dynamics and Safety Suspension, front Suspension, rear Brakes, front Brakes, rear	:1 kW/hp rpm Nm rpm Ah/–	11.0 min RON 91 80 / 109 4500 - 6000 180 1250 90 / luggage comp. 180 / 2520 Aluminium double-joint spring strut axle Five-link axle in lightweight steel construction with double elastic bearing Single-piston floating-calliper disc brakes Single-piston floating-calliper disc brakes Single-piston floating-calliper disc brakes Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking
Stroke/bore Compression ratio Fuel Max. output at Max torque at Electrical System Battery/installation Alternator Driving Dynamics and Safety Suspension, front Suspension, rear Brakes, rear Driving stability systems	:1 kW/hp rpm Nm rpm Ah/–	11.0 min RON 91 80 / 109 4500 - 6000 180 1250 90 / luggage comp. 180 / 2520 Aluminium double-joint spring strut axle Five-link axle in lightweight steel construction with double elastic bearing Single-piston floating-calliper disc brakes Single-piston floating-calliper disc brakes Single-piston floating-calliper disc brakes Single-piston floating-calliper disc brakes 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
Compression ratio Fuel Max. output at Max torque at Electrical System Battery/installation Alternator Driving Dynamics and Safety Suspension, front Suspension, rear Brakes, front Brakes, rear	:1 kW/hp rpm Nm rpm Ah/–	11.0 min RON 91 80 / 109 4500 – 6000 180 1250 90 / luggage comp. 180 / 2520 Aluminium double-joint spring strut axle Five-link axle in lightweight steel construction with double elastic bearing Single-piston floating-calliper disc brakes Single-piston floating-calliper disc brakes 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 Standard: airbags for driver and front passenger, side airbags for driver and
Compression ratio Fuel Max. output at Max torque at Electrical System Battery/installation Alternator Driving Dynamics and Safety Suspension, front Suspension, rear Brakes, rear Driving stability systems	:1 kW/hp rpm Nm rpm Ah/–	11.0         min RON 91         80 / 109         4500 - 6000         180         1250         90 / luggage comp.         180 / 2520         90 / luggage comp.         180 / 2520         Single-piston floating-calliper disc brakes         Single-piston floating-calliper disc brakes         Single-piston floating-calliper disc brakes         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         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,
Compression ratio Fuel Max. output at Max torque at Electrical System Battery/installation Alternator Driving Dynamics and Safety Suspension, front Suspension, rear Brakes, rear Driving stability systems	:1 kW/hp rpm Nm rpm Ah/–	11.0         min RON 91         80 / 109         4500 - 6000         180         1250         90 / luggage comp.         180 / 2520         90 / luggage comp.         180 / 2520         Single-piston floating-calliper disc brakes         Single-piston floating-calliper disc brakes         Single-piston floating-calliper disc brakes         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         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,
Compression ratio Fuel Max. output at Max torque at Electrical System Battery/installation Alternator Driving Dynamics and Safety Suspension, front Suspension, rear Brakes, rear Driving stability systems Safety equipment	:1 kW/hp rpm Nm rpm Ah/–	11.0         min RON 91         80 / 109         4500 - 6000         180         1250         90 / luggage comp.         180 / 2520         90 / luggage comp.         180 / 2520         Single-piston floating-calliper disc brakes         Single-piston floating-calliper disc brakes         Single-piston floating-calliper disc brakes         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         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
Compression ratio Fuel Max. output at Max torque at Electrical System Battery/installation Alternator Driving Dynamics and Safety Suspension, front Suspension, rear Brakes, rear Driving stability systems Safety equipment	:1 kW/hp rpm Nm rpm Ah/–	11.0         min RON 91         80 / 109         4500 - 6000         180         1250         90 / luggage comp.         180 / 2520         90 / luggage comp.         180 / 2520         Single-piston floating-calliper disc brakes         Single-piston floating-calliper disc brakes         Single-piston floating-calliper disc brakes         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         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,
Compression ratio Fuel Max. output at Max torque at Electrical System Battery/installation Alternator Driving Dynamics and Safety Suspension, front Suspension, rear Brakes, rear Driving stability systems Safety equipment Steering	:1 kW/hp rpm Nm rpm Ah/–	11.0         min RON 91         80 / 109         4500 - 6000         180         1250         90 / luggage comp.         1250         90 / luggage comp.         180 / 2520         Single-piston floating-calliper disc brakes         Single-piston floating-calliper disc brakes         Single-piston floating-calliper disc brakes         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         Standard: airbags for driver and front passenger, side airbags for driver and front passenger, nead 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         Electric Power Steering (EPS),
Compression ratio Fuel Max. output at Max torque at Electrical System Battery/installation Alternator Driving Dynamics and Safety Suspension, front Brakes, front Brakes, rear Driving stability systems	:1 kW/hp rpm Nm rpm Ah/– A/W	11.0         min RON 91         80 / 109         4500 - 6000         180         1250         90 / luggage comp.         1250         90 / luggage comp.         180 / 2520         Aluminium double-joint spring strut axle         Five-link axle in lightweight steel construction with double elastic bearing         Single-piston floating-calliper disc brakes         Single-piston floating-calliper disc brakes         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         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         Electric Power Steering (EPS), optional: Servotronic function, variable sport steering

			BMW 116i 5-door	
Transmissio	n			
Type of transn	nission		6-speed manual	
Gear ratios	I	:1	4.552	
		:1	2.548	
		: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-weig	ght ratio	kg/kW	16.3	
Output per litre	Э	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 Efficie	ntDynamics			
BMW Efficient	Dynamics		Brake Energy Regeneration with recuperation display,	
standard featu	res	Electric Power Steering (EPS), Auto Start Stop function, Optimum Gearshi		
		Indicator,	ECO PRO mode, intelligent lightweight construction, optimised	
		aerody	namic 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, ri	ms 7J x 16 and tyres 205/55 R16 as we	ell 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	
	tyres 205/50 R17, with rims 7.5J x 17 a nt, 8J x 17 rear and tyres 225/45 R17 f	, , , , , , , , , , , , , , , , , , ,	
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 fro	ont, 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)  $^{11}$  Height with roof fin: 1440 mm  $^{21}$  Oil change  $^{31}$  Fuel consumption and CO<sub>2</sub> emission figures depend on the selected tyre format

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

Wheelbase         mm         2690           Track, front/rear         mm         153         153           Ground clearance         mm         140         153           Turning circle         m         10.9         Fletal tark capacity         approx.         52           Fuel tark capacity         approx.         52         130         130         1375         130           Cooling system incl. heater         Itr         6.4 (7.0)         130         132         130         132         130         132         130         132         130         132         130         132         130         132         130         132         132         130         132         130         132         132         130         132         133         132         133         134			BMW 118i 5-door	BMW 120i 5-doo
No. of doors/seats         5 / 5           Length/width/height <sup>10</sup> (unladen)         mm         4329 / 1765 / 1421         4329 / 176           Minelbase         mm         2660         153           Track, front/rear         mm         153         159         153           Ground clearance         mm         10.9         153           Fuel tank capacity         approx.         52         160           Cooling system incl. heater         Itr         6.4 (7.0)         153           Engine oil <sup>27</sup> Itr         4.2         1300 / 1375         130           Max, load to DIN         kg         1865 (1885)         187           Max, aload to DIN         kg         1865 (1985)         187           Max, aload to DIN         kg         1800 / 1375         130           Max, aload to DIN         kg         1805 (1985)         187           Max, aload to DIN         kg         1800 / 1000 / 1375         130           Max, aload to DIN         kg         1800 / 1000 / 1375         130           Max, aload to DIN         kg         1200 / 650         12           Draved (129/Unbraked         1200 / 650         12         120           Coronfoxo, of cys/zvalves	odv			
Length/width/height <sup>11</sup> (unladen)         mm         4329 / 1765 / 1421         4329 / 176           Wheelbase         mm         2690         153           Ground clearance         mm         1109         153           Ground clearance         mm         1109         153           Fuel tank capacity         approx.         52         153           Cooling system incl. heater         Itr         6.4 (7.0)         52           Cooling system incl. heater         Itr         6.4 (7.0)         52           Cooling system incl. heater         Itr         6.4 (7.0)         130           Engine oil <sup>27</sup> Itr         4.2         Weight, unladen, to DIN/EU         kg         1300 / 137.5         130           Max. load to DIN         kg         1865 / 1080         187         Max. areal load, front/rear         kg         1865 / 1080         187           Max. rate load, front/rear         kg         1865 / 1090         87         Max. rate load, front/rear         kg         186 - 1200         360           Max. rate load, front/rear         kg         75 / 75         000 / 126         12           download         kg         75 / 75         000 / 126         12           furgage comp. capacity <td>-</td> <td></td> <td>5/5</td> <td>5/</td>	-		5/5	5/
Wheelbase         mm         1000000000000000000000000000000000000		mm		4329 / 1765 / 142
Track, front/rear         mm         1535/1569         153           Ground clearance         mm         140         Turning circle         m           Fuel tank capacity         approx.         52         Statum         Statum           Cooling system incl. heater         Itr         6.4 (7.0)         Statum         Sta	<u> </u>			2690
Ground Clearance         mm         140           Turning circle         m         10.9           Turning circle         m         10.9           Colling system incl. heater         Itr         6.4 (7.0)           Engine oil <sup>20</sup> Itr         4.2           Weight, uniaden, to DIN/EU         kg         1300 / 1375         130           Vax. load to DIN         kg         565         147           Max. add to DIN         kg         665 (1885)         187           Max. add to DIN         kg         865 (1885)         187           Max. add to DIN         kg         865 (1885)         187           Max. add to Ad, front/near         kg         865 (1885)         187           Max. add to Ad, front/near         kg         865 (1885)         187           Max. add to Ad, front/near         kg         865 (1885)         187           Max. add to DIN         kg         1200 (650         12           Drawed Unit         Confollow.or 6 (sk/s/valves         1.1         0.3           ConfigUN.or 6 (sk/s/valves         In-line / 4 / 4         in-line           Engine technology         BMW TwinPower Turbo technology: twin-scroll turbocharger, High Precion Direct thjection, fully variable camshaft control </td <td></td> <td></td> <td></td> <td>1535 / 156</td>				1535 / 156
Turning circle         m         10.9           Fuel tank capacity         approx.         52           Engine oil <sup>20</sup> Itr         6.4 (7.0)           Engine oil <sup>20</sup> Itr         4.2           Weight, unladen, to DIN/EU         kg         1300 / 1375         130           Max. load to DIN         kg         565         132           Max. load to DIN         kg         565         132           Max. ake load, front/rear         kg         1200 / 650         12           Max. ake load, front/rear         kg         1200 / 650         12           Max. ake load, front/rear         kg         1200 / 650         12           Draked (12%)/unbraked         Max. arol load/max towbaar         kg         75 / 75           download         in-line / 4 / 4         in-line         10.3           Luggage comp. capacity         Itr         360 - 1200         360           Ar resistance         C <sub>a</sub> x A         0.31 x 2.14         0.3           Power Unit         Itr         360         100 / 136         1           Configs/No. of cyls./valves         BMW TwinPower Turbo technology: twin-scroil turbocharger, High Precision Direct Injection, fully variable valve control (VALVET RC         Double-VANOS variable valve c				13337130
Fuel tank capacity         approx.         52           Cooling system incl. heater         Itr         6.4 (7.0)           Engine oil <sup>27</sup> Itr         4.2           Weight, unladen, to DIN/EU         kg         1300 / 1395         130           Max, load to DIN         kg         9655         132           Max, permissible weight         kg         1865 (1895)         187           Max, are load, front/rear         kg         965 / 1090         87           Max, are load, front/rear         kg         1200 / 650         12           Varked (12%)unbraked         200 / 650         12         200 / 650         12           Outwild         kg         75 / 75         300         366           Air resistance         C <sub>a</sub> x A         0.31 x 2.14         0.3           Power Unit         Config/No. of cyls/valves         in-line / 4 / 4         in-line / 4 / 4         0.3           Config/No. of cyls/valves         BMW TwinPower Turbo technology: twin-scroll tubocharger, High Precision Direct Injection, fully variable valve control (VALVETRO Double-VANOS variable camshaft control         20           Effective capacity         cm³         1598         35           Config/No. of cyls/valves         min RON 91         min				140
Cooling system incl. heater         Itr         6.4 (7.0)           Engine ol <sup>21</sup> Itr         4.2           Weight, unladen, to DIN/EU         kg         1300 / 1375         130           Max. load to DIN         kg         565         (1320 / 1395)         (1320 / 1395)           Max. ave load, front/rear         kg         1865 (1885)         187           Max. vale load, front/rear         kg         865 / 1090         87           Max. trailer load, kg         1200 / 650         12           braked (12%)/Unbraked         1200 / 650         12           Max. troiler load, kg         75 / 75         download           Coofig.No. of cys/.valved         kg         75 / 75           Outomicad         360 – 1200         366           Air resistance         C <sub>a</sub> x A         0.31 x 2.14         0.3           Power Unit         Coorifg.No. of cys/.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 (VAL VETR Double -VANCS variable camshaft control         Effective capacity         cm <sup>3</sup> 1502           Erfective capacity         cm <sup>3</sup> 1502         Effective capacity         cm <sup>3</sup> <t< td=""><td>8</td><td>approx.</td><td></td><td>52</td></t<>	8	approx.		52
Engine oil <sup>29</sup> Itr         4.2           Weight, unladen, to DIN/EU         kg         1300 / 1375         130           Max, load to DIN         kg         565         1327           Max, load to DIN         kg         1865 (1885)         187           Max, permissible weight         kg         1865 (1885)         187           Max, ade load, front/rear         kg         865 / 1090         87           Max, tailer load,         kg         1200 / 650         12           praked (12%)/ubrbaked         Max toroload         1200 / 650         12           Max, torol load/max towbar         kg         75 / 75         download           Luggage comp. capacity         Itr         360 – 1200         360           Air resistance         C <sub>a</sub> × A         0.31 × 2.14         0.3           Power Unit         Config.No. of cyls./valves         in-line / 4 / 4         in-line           Engine technology         BMW TwinPower Turbo technology: twin-scroll turbocharger, High Precision Direct Injection, fully variable valve control (VALVETRC Double-VANOS variable camshaft control         Scompression ratio         :1         10.5           Fuel         mm         85.87 / 77.0         95         Scompression ratio         :1         10.5	coling system incl. bester			C 4 /7 C
Weight, unladen, to DIN/EU         kg         1300 / 1375         130           Max. load to DIN         kg         565         (1320 / 1395)         (1320 / 1395)           Max. load to DIN         kg         565         (1385)         187           Max. permissible weight         kg         1865 (1885)         187           Max. raile load,         for the set of the set			· · · · ·	6.4 (7.0
Image: Second	8			4.:
Max. permissible weight         kg         1865 (1885)         187           Max. ake load, front/rear         kg         865 / 1090         87           Max. trailer load,         kg         120/ 650         12           braked (12%)/unbraked         12         12         12           Max. roof load/max towbar         kg         75 / 75         12           download         12         12         12         12           download         12         12         12         12           download         12         360         12         360           Air resistance         C <sub>a</sub> x A         0.31 x 2.14         0.3           Power Unit         In-line / 4 / 4         in-line         14         14           Engine technology         BMW TwinPower Turbo technology: twin-scroll turbocharger, High Precision Direct Injection, fully variable valve control (VALVETRC Double-VANOS variable camshaft control         598           StrokeBore         mm         85.8 / 77.0         85           Compression ratio         :1         10.5         10           Tuel         min RON 91         min         183           Max output         kW/hp         100 / 136         1           at         rpm		kg		1305 / 138 (1320 / 1395
Max. axle load, front/rear         kg         865 / 1090         87           Max. trailer load, pracked (12%)(ubrokacked         kg         120/ 650         12           Max. trailer load, pracked (12%)(ubrokacked         120/ 650         12           Max. trailer load, max towbar         kg         75 / 75           download         Luggage comp. capacity         Itr         360 – 1200         360           Air resistance         C <sub>d</sub> x A         0.31 x 2.14         0.3           Power Unit         in-line / 4 / 4         in-line         in-line           Config./No. of cyls./valves         in-line / 4 / 4         in-line           Engine technology         BMW TwinPower Turbo technology: twin-scroll turbocharger, High Precision Direct Injection, fully variable valve control (VAL VETRC Double-VANOS variable camshaft control           Effective capacity         cm³         1598           Compression ratio         :1         10.5           Fuel         min RON 91         min           Max. output         kW/hp         100 / 136         1           At         rpm         4400 - 6450         4800           Max torque         Nm         220         1           at         rpm         1350 - 4300         1500           Elec		kg	565	56
Max. trailer load, kg 1200 / 650 12 Draked (12%)/unbraked Max. roof load/max towbar download Luggage comp. capacity Itr 360 – 1200 360 Air resistance C <sub>d</sub> x A 0.31 x 2.14 0.3 Power Unit Config./No. of cyls./valves In-line / 4 / 4 In-line Config./No. of cyls./valves Intervalves Inte	lax. permissible weight	kg	1865 (1885)	1870 (1885
braked (12%)/unbraked kg 75 / 75 Max. roof load/max towbar kg 75 / 75 download 1200 366 Air resistance C <sub>d</sub> x A 0.31 x 2.14 0.3 Power Unit Config./No. of cyls./valves in-line / 4 / 4 in-line / 4 / 4 0.3 Power Unit Config./No. of cyls./valves BMW TwinPower Turbo technology: twin-scroll turbocharger, High Precision Direct Injection, fully variable valve control (VALVETRC Double-VANOS variable camshaft control Effective capacity cm <sup>3</sup> 1598 Stroke/bore mm 85.8 / 77.0 85 Compression ratio :1 10.5 Fuel min RON 91 min Max. output kW/hp 100 / 136 1 at rpm 4400 - 6450 4800 Max torque Nm 220 at rpm 1350 - 4300 1500 Electrical System Battery/installation Ah/- 80 / luggage comp. 80 / luggage Stroke/bore Five-link axle in lightweight steel construction with double elastic bes Battery/installation Ah/- 80 / luggage comp. 80 / luggage Stroke/bore Five-link axle in lightweight steel construction with double elastic bes Battery/installation Ah/- 80 / luggage comp. 80 / luggage Driving Dynamics and Safety Suspension, front Aluminium double-joint spring strut axle Suspension, rear Five-link axle in lightweight steel construction with double elastic bes Brakes, rear Single-piston floating-calliper disc brakes Brakes, rear Single-piston floating-calliper disc brakes Driving Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), (Cornering Brake Control), DBC (Dynamic Traction Control), Driving Standard: airbags front and rear, three-point inertia-reel seatbed 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	-	kg	865 / 1090	870 / 1090
download       hg       Horket         Luggage comp. capacity       Itr       360 – 1200       360         Air resistance       C <sub>d</sub> x A       0.31 x 2.14       0.3         Power Unit       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 (VALVETRC Double-VANOS variable camshaft control         Effective capacity       cm³       1598         Stroke/bore       mm       85.8 / 77.0       85         Compression ratio       :1       10.5       Fuel         Max. output       kW/hp       100 / 136       1         Max. output       kW/hp       100 / 136       1         at       rpm       1350 - 4300       1500         Battery/installation       Ah/–       80 / luggage comp.       80 / luggag         Suspension, rear       Five-link axle in lightweight steel construction with double elastic beat         Brakes, rear       Single-piston floating-calliper disc brakes         Driving Dynamics and Safety       Standard: DSC and DTC (Dynamic Traction Control), (Cornering Brake Control), DRC (Dynamic Tracteon Control), (Cornering Brakes, rear       Single-piston floating-calliper disc brakes         Driving stability system	aked (12%)/unbraked	kg	1200/650	1200/670
Air resistance       Cd x A       0.31 x 2.14       0.3         Power Unit       Config./No. of cyls./valves       in-line / 4 / 4       in-line         Engine technology       BMW TwinPower Turbo technology: twin-scroll turbocharger, High Precision Direct Injection, fully variable valve control (VALVETRC Double-VANOS variable camshaft control         Effective capacity       cm³       1598         Stroke/bore       mm       85.8 / 77.0       85         Compression ratio       :1       10.5       1         Fuel       min RON 91       min         Max output       kW/hp       100 / 136       1         at       rpm       4400 - 6450       4800         Max torque       Nm       220       20         at       rpm       1350 - 4300       1500         Electrical System       80 / luggage comp.       80 / luggage         Battery/installation       Ah/-       80 / luggage comp.       80 / luggage         Driving Dynamics and Safety       Suspension, front       Aluminium double-joint spring strut axle         Suspension, front       Single-piston floating-calliper disc brakes       Brakes, froat       Single-piston floating-calliper disc brakes         Brakes, rear       Single-piston floating-calliper disc brakes       Single-piston floating-cal		kg		75 / 75
Power Unit         Config/No. of cyls/valves         in-line / 4 / 4         in-line           Engine technology         BMW TwinPower Turbo technology: twin-scroll turbocharger, High Precision Direct Injection, fully variable valve control (VALVETRC Double-VANOS variable camshaft control           Effective capacity         cm³         1598           Stroke/bore         mm         85.8 / 77.0         85           Compression ratio         :1         10.5         5           Fuel         min RON 91         min           Max. output         kW/hp         100/136         1           at         rpm         4400 – 6450         4800           Max torque         Nm         220         at           at         rpm         1350 – 4300         1500           Electrical System         80 / luggage comp.         80 / luggag           Battery/installation         Ah/–         80 / luggage comp.         80 / luggag           Alternator         A/W         170 / 2380         17           Driving Dynamics and Safety         Suspension, front         Aluminium double-joint spring strut axle           Suspension, rear         Five-link axle in lightweight steel construction with double elastic bea           Brakes, rear         Single-piston floating-calliper disc brakes				360 – 1200
Config./No. of cyls./valves         in-line / 4 / 4         in-line           Engine technology         B/WW TwinPower Turbo technology: twin-scroll turbocharger, High Precision Direct Injection, fully variable valve control (VALVETRC Double-VANOS variable camshaft control           Effective capacity         cm³         1598           Stroke/bore         mm         85.8 / 77.0         85           Compression ratio         :1         10.5         100         11         10.5           Fuel         min RON 91         min         100         136         1         1           Max. output         kW/hp         100 / 136         1         1         10.5         1         100         1         1         10.5         1 </td <td>ir resistance</td> <td>C<sub>d</sub> x A</td> <td>0.31 x 2.14</td> <td>0.31 x 2.1</td>	ir resistance	C <sub>d</sub> x A	0.31 x 2.14	0.31 x 2.1
Engine technology BMW TwinPower Turbo technology: twin-scroll turbocharger, High Precision Direct Injection, fully variable valve control (VALVETRC Double-VANOS variable camshaft control Stroke/bore mm 85.8/77.0 85 Compression ratio :1 10.5 Compression ratio :1 10.5 Fuel min RON 91 min Max. output kW/hp 100/136 1 at rpm 4400 – 6450 4800 Max torque Nm 220 at rpm 1350 – 4300 1500 Electrical System Battery/installation Ah/– 80 / luggage comp. 80 / luggag Alternator A/W 170 / 2380 17 Driving Dynamics and Safety Suspension, rear Five-link axle in lightweight steel construction with double elastic bea 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), (Cornering Brake Control), DBC (Dynamic Brake Control), DP Braking f Fading Compensation, Start-Off Assistant Standard: airbags for driver and front pasenger, side airbags for driver as passenger, head airbags for driver and pasenger, side airbags for driver as passenger, head airbags for driver and belt force limiter at the front, crash sensors, Tyre Defect Indicator Steering Electric Power Steering (EPS), optional: Servotroic function, variable sport steering Steering ratio, overall :1 15.0				
High Precision Direct Injection, fully variable valve control (VALVETRC Double-VANOS variable camshaft control         Effective capacity       cm³       1598         Stroke/Dore       mm       85.8/77.0       85         Compression ratio       :1       10.5       10.5         Fuel       min RON 91       min         Max. output       kW/hp       100 / 136       1         at       rpm       4400 - 6450       4800         Max torque       Nm       220       at         at       rpm       1350 - 4300       1500         Max torque       Nm       220       at         Electrical System       80 / luggage comp.       80 / luggage         Battery/installation       Ah/–       80 / luggage comp.       80 / luggage         Alternator       AW       170 / 2380       17         Driving Dynamics and Safety       Suspension, front       Aluminium double-joint spring strut axle         Suspension, rear       Five-link axle in lightweight steel construction with double elastic bese         Brakes, rear       Single-piston floating-calliper disc brakes         Driving stability systems       Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking for Fading Compen	<u> </u>			in-line / 4 /
Stroke/bore       mm       85.8/77.0       85         Compression ratio       :1       10.5         Fuel       min RON 91       min         Max. output       kW/hp       1000/136       1         at       rpm       4400-6450       4800         Max torque       Nm       220       at         at       rpm       1350-4300       1500         Electrical System       Battery/installation       Ah/-       80 / luggage comp.       80 / luggage         Battery/installation       Ah/-       80 / luggage comp.       80 / luggage         Compression, front       Alternator       AW       170 / 2380       17         Driving Dynamics and Safety       Suspension, front       Aluminium double-joint spring strut axle         Suspension, front       Aluminium double-joint spring strut axle       Suspension, front         Suspension, rear       Five-link axle in lightweight steel construction with double elastic bea         Brakes, rear       Single-piston floating-calliper disc brakes         Driving stability systems       Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), (Cornering Brake Control), DBC (Dynamic Brake Control), DC (Dynamic Brake Control), DC (Dynamic Brake Control), DC (Dynamic Brake Control), DC (Dynamic Brake Sistant         Safety equipment       S	ngine technology		High Precision Direct Injection, fully variable valve control (	VALVETRONIC),
Compression ratio       :1       10.5         Fuel       min RON 91       min         Max. output       kW/hp       100 / 136       1         at       rpm       4400 - 6450       4800         Max torque       Nm       220       20         at       rpm       1350 - 4300       1500         Electrical System       80 / luggage comp.       80 / luggage Alternator       80 / luggage comp.       80 / luggage comp.         Battery/installation       Ah/-       80 / luggage comp.       80 / luggage comp.       80 / luggage comp.         Suspension, front       Alternator       A/W       170 / 2380       17         Driving Dynamics and Safety       Suspension, front       Suspension floating-calliper disc brakes         Suspension, rear       Five-link axle in lightweight steel construction with double elastic bea         Brakes, rear       Single-piston floating-calliper disc brakes         Driving stability systems       Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), (Cornering Brake Control), DBC (Dynamic Brake Control), Cornering Brake Control), DBC (Dynamic Brake Control), DPC Paking frequence         Safety equipment       Standard: airbags for driver and front passenger, side airbags for driver and prot passenger, side airbags for driver and prot passenger, side airbags for driver and prosenstron, Start-Off Assistant	ffective capacity	cm <sup>3</sup>	1598	1598
Fuel       min RON 91       min         Max. output       kW/hp       100 / 136       1         at       rpm       4400 - 6450       4800         Max torque       Nm       220       20         at       rpm       1350 - 4300       1500         Electrical System       80 / luggage comp.       80 / luggage         Battery/installation       Ah/-       80 / luggage comp.       80 / luggage         Alternator       A/W       170 / 2380       17         Driving Dynamics and Safety       Suspension, front       Aluminium double-joint spring strut axle         Suspension, rear       Five-link axle in lightweight steel construction with double elastic beat         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), (Comering Brake Control), DBC (Dynamic Brake Control), Dry Braking fright apassenger, head airbags for driver and front passenger, side airbags for driver and passenger, side airbags for driver and passenger, side airbags for driver 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	troke/bore	mm	85.8 / 77.0	85.8 / 77.0
Max. output       kW/hp       100 / 136       1         at       rpm       4400 - 6450       4800         Max torque       Nm       220         at       rpm       1350 - 4300       1500         Electrical System         Battery/installation       Ah/-       80 / luggage comp.       80 / luggage         Alternator       A/W       170 / 2380       17         Driving Dynamics and Safety       Suspension, front       Aluminium double-joint spring strut axle         Suspension, rear       Five-link axle in lightweight steel construction with double elastic beat         Brakes, rear       Single-piston floating-calliper disc brakes         Driving stability systems       Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking ft Fading Compensation, Start-Off Assistant         Safety equipment       Standard: airbags for driver and front passenger, side airbags for driver a passenger, head airbags front and rear, three-point inertia-rele seatbelt 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	ompression ratio	:1	10.5	10.
at       rpm       4400 – 6450       4800         Max torque       Nm       220         at       rpm       1350 – 4300       1500         Electrical System       Battery/installation       Ah/–       80 / luggage comp.       80 / luggage         Battery/installation       Ah/–       80 / luggage comp.       80 / luggage         Alternator       A/W       170 / 2380       17         Driving Dynamics and Safety       Suspension, front       Aluminium double-joint spring strut axle         Suspension, rear       Five-link axle in lightweight steel construction with double elastic bea         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), (Cornering Brake Control), DBC (Dynamic Traction Control), (Cornering Brake Control), DBC (Dynamic Traction Control), (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking fu         Safety equipment       Standard: airbags for driver and front passenger, side airbags for driver a passenger, head airbags for driver and front passenger, side airbags for driver and passenger, side airbags for driver and passenger, bead airbags for driver and belt force limiter at the front, crash sensors, Tyre Defect Indicator         Steering       Electric Power Steering (EPS), optional: Servotronic function, variable sport stee	uel		min RON 91	min RON 9
Max torque       Nm       220         at       rpm       1350 – 4300       1500         Electrical System       Battery/installation       Ah/-       80 / luggage comp.       80 / luggage and	lax. output	kW/hp	100 / 136	130 / 17
at       rpm       1350 – 4300       1500         Electrical System         Battery/installation       Ah/–       80 / luggage comp.       80 / luggage         Alternator       AW       170 / 2380       17         Driving Dynamics and Safety       Suspension, front       Aluminium double-joint spring strut axle         Suspension, rear       Five-link axle in lightweight steel construction with double elastic bea         Brakes, front       Single-piston floating-calliper disc brakes         Brakes, rear       Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking fu         Safety equipment       Standard: airbags for driver and front passenger, side airbags for driver a passenger, head airbags for driver and front passenger, side airbags for driver 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		rpm	4400 - 6450	4800 - 6450
Electrical System         Battery/installation       Ah/-       80 / luggage comp.       80 / luggage         Alternator       AW       170 / 2380       17         Driving Dynamics and Safety       Suspension, front       Aluminium double-joint spring strut axle         Suspension, rear       Five-link axle in lightweight steel construction with double elastic bear         Brakes, front       Single-piston floating-calliper disc brakes         Brakes, rear       Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), (Cornering Brake Control), DBC (Dynamic Brake Control), Dy Braking fu         Safety equipment       Standard: airbags for driver and front passenger, side airbags for driver a passenger, head airbags for driver 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	lax torque	Nm	220	250
Battery/installation       Ah/-       80 / luggage comp.       80 / luggage         Alternator       A/W       170 / 2380       17         Driving Dynamics and Safety       Suspension, front       Aluminium double-joint spring strut axle         Suspension, rear       Five-link axle in lightweight steel construction with double elastic bea         Brakes, front       Single-piston floating-calliper disc brakes         Brakes, rear       Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking fu Fading Compensation, Start-Off Assistant         Safety equipment       Standard: airbags for driver and front passenger, side airbags for driver a passenger, head airbags front and rear, three-point inertia-reel seatbelt 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		rpm	1350 – 4300	1500 – 4500
Alternator       A/W       170 / 2380       17         Driving Dynamics and Safety       Suspension, front       Aluminium double-joint spring strut axle         Suspension, rear       Five-link axle in lightweight steel construction with double elastic beat         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), (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking for Fading Compensation, Start-Off Assistant         Safety equipment       Standard: airbags for driver and front passenger, side airbags for driver and passenger, head airbags front and rear, three-point inertia-reel seatbelt 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	lectrical System			
Driving Dynamics and Safety         Suspension, front       Aluminium double-joint spring strut axle         Suspension, rear       Five-link axle in lightweight steel construction with double elastic beat         Brakes, front       Single-piston floating-calliper disc brakes         Brakes, rear       Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking for Fading Compensation, Start-Off Assistant         Safety equipment       Standard: airbags for driver and front passenger, side airbags for driver and passenger, head airbags front and rear, three-point inertia-reel seatbelt 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	attery/installation	Ah/–	80 / luggage comp.	80 / luggage comp
Suspension, front       Aluminium double-joint spring strut axle         Suspension, rear       Five-link axle in lightweight steel construction with double elastic bea         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), (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking for Fading Compensation, Start-Off Assistant         Safety equipment       Standard: airbags for driver and front passenger, side airbags for driver a passenger, head airbags front and rear, three-point inertia-reel seatbelt 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	Iternator	A/W	170 / 2380	170/2380
Suspension, rear         Five-link axle in lightweight steel construction with double elastic ber           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), (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking for Fading Compensation, Start-Off Assistant           Safety equipment         Standard: airbags for driver and front passenger, side airbags for driver a passenger, head airbags front and rear, three-point inertia-reel seatbelt 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				
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), (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking for Fading Compensation, Start-Off Assistant         Safety equipment       Standard: airbags for driver and front passenger, side airbags for driver a passenger, head airbags front and rear, three-point inertia-reel seatbelt 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			· · · ·	
Brakes, rear       Single-piston floating-calliper disc brakes         Driving stability systems       Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking for Fading Compensation, Start-Off Assistant         Safety equipment       Standard: airbags for driver and front passenger, side airbags for driver a passenger, head airbags front and rear, three-point inertia-reel seatbelt 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	· · ·			v
Driving stability systems Driving stability systems Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking for Fading Compensation, Start-Off Assistant Safety equipment Standard: airbags for driver and front passenger, side airbags for driver and passenger, head airbags front and rear, three-point inertia-reel seatbelt seats with belt tensioner and belt force limiter at the front, crash sensors, Tyre Defect Indicator Electric Power Steering (EPS), optional: Servotronic function, variable sport steering Steering ratio, overall :1 15.0	,			
(Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking for         Fading Compensation, Start-Off Assistant         Safety equipment       Standard: airbags for driver and front passenger, side airbags for driver and passenger, head airbags front and rear, three-point inertia-reel seatbelt 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				
Safety equipment       Standard: airbags for driver and front passenger, side airbags for driver and front passenger, side airbags for driver and passenger, head airbags front and rear, three-point inertia-reel seatbelt 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	riving stability systems	(C	cornering Brake Control), DBC (Dynamic Brake Control), D	ry Braking function,
Steering         Electric Power Steering (EPS), optional: Servotronic function, variable sport steering           Steering ratio, overall         :1         15.0	afety equipment		andard: airbags for driver and front passenger, side airbags assenger, head airbags front and rear, three-point inertia-r seats with belt tensioner and belt force limiter at t	for driver and from eel seatbelts on all
Steering ratio, overall :1 15.0	teering		Electric Power Steering (EPS),	pering
	teering ratio overall	•1		15.0
Tyres, front/rear 195/55 R16 87H 195/55 R	<u> </u>	1		195/55 R16 87V
				6.5J x 16 stee

Transmissior	1			
Type of transm	nission		6-speed manual (optional: 8-speed Step	tronic transmission)
Gear ratios		:1	4.552 (4.714)	4.552 (4.714
		:1	2.548 (3.143)	2.548 (3.143
		:1	1.659 (2.106)	1.659 (2.106
	IV	:1	1.230 (1.667)	1.230 (1.66)
	V	:1	1.000 (1.285)	1.000 (1.285
	VI	:1	0.830 (1.000)	0.830 (1.000
	VII	:1	- (0.839)	- (0.83
	VIII	:1	- (0.667)	- (0.66
	R	:1	4.138 (3.295)	4.138 (3.29
Final drive		:1	2.813 (3.077)	3.077 (3.07
Daufaumanaa				
Performance Power-to-weig		kg/kW	13.0 (13.2)	10.0 (10.2
Output per litre		kW/ltr	62.6	81
Acceleration	0–100 km/h	S	8.5 (8.7)	7.4 (7.1
in 5th gear	80–120 km/h	S	10.6 (-)	8.8 (
Top speed	00 120 ((1)/1	s km/h	210 (210)	225 (22)
			210 (210)	
BMW Efficient	Dynamics	Electric	Brake Energy Regeneration with recu	
BMW Efficient	Dynamics	Indica aer	Brake Energy Regeneration with recu c Power Steering (EPS), Auto Start Stop fr itor, ECO PRO mode, intelligent lightweig odynamic attributes, on-demand operation ontrolled oil pump, final drive with optimise tyres with reduced roll resis	nction, Optimum Gearshift ht construction, optimised n of ancillary units, map- ed warm-up behaviour,
BMW Efficiert BMW Efficient standard featur Fuel Consum With standard	Dynamics es ption EU <sup>3)</sup>	Indica aero co	c Power Steering (EPS), Auto Start Stop fu htor, ECO PRO mode, intelligent lightweig odynamic attributes, on-demand operation ontrolled oil pump, final drive with optimise tyres with reduced roll resis	nction, Optimum Gearshift ht construction, optimised n of ancillary units, map- ed warm-up behaviour,
BMW Efficient standard featur Fuel Consum	Dynamics es ption EU <sup>3)</sup> tyres, rims 7J x 16 a	Indica aero co nd tyres 205/55 I	c Power Steering (EPS), Auto Start Stop fu tor, ECO PRO mode, intelligent lightweig odynamic attributes, on-demand operation pontrolled oil pump, final drive with optimise tyres with reduced roll resis R16 as well as winter tyres	Inction, Optimum Gearshift ht construction, optimised n of ancillary units, map- ed warm-up behaviour, tance
BMW Efficient standard featur Fuel Consum With standard	Dynamics res <b>ption EU <sup>3)</sup></b> tyres, rims 7J x 16 a Itr	Indica aero co	c Power Steering (EPS), Auto Start Stop fu tor, ECO PRO mode, intelligent lightweig odynamic attributes, on-demand operation portrolled oil pump, final drive with optimise tyres with reduced roll resis R16 as well as winter tyres 7.0 (7.2)	nction, Optimum Gearshift ht construction, optimised n of ancillary units, map- ed warm-up behaviour, itance 7.4 (7.
BMW Efficient standard featur <b>Fuel Consum</b> With standard Urban Extra-urban	Dynamics res <b>ption EU <sup>3)</sup></b> tyres, rims 7J x 16 a Itr Itr	Indica aerr cc nd tyres 205/55 I /100 km /100 km	c Power Steering (EPS), Auto Start Stop fu tor, ECO PRO mode, intelligent lightweig odynamic attributes, on-demand operation pontrolled oil pump, final drive with optimise tyres with reduced roll resis R16 as well as winter tyres 7.0 (7.2) 4.5 (4.6)	nction, Optimum Gearshift ht construction, optimised n of ancillary units, map- ed warm-up behaviour, itance 7.4 (7. 4.7 (4.1
BMW Efficient standard featur <b>Fuel Consum</b> With standard 1 Urban	Dynamics res <b>ption EU <sup>3)</sup></b> tyres, rims 7J x 16 a Itr Itr	Indica aeri co nd tyres 205/55 I /100 km	c Power Steering (EPS), Auto Start Stop fu tor, ECO PRO mode, intelligent lightweig odynamic attributes, on-demand operation portrolled oil pump, final drive with optimise tyres with reduced roll resis R16 as well as winter tyres 7.0 (7.2)	nction, Optimum Gearshift ht construction, optimised n of ancillary units, map- ed warm-up behaviour, itance 7.4 (7. 4.7 (4. 5.7 (5.
BMW Efficient standard featur Fuel Consum With standard - Urban Extra-urban Combined CO <sub>2</sub> With rims 7J x	Dynamics res ption EU <sup>3)</sup> tyres, rims 7J x 16 a ltr ltr ltr 17 and tyres 205/50	Indica aeru cc /100 km /100 km /100 km /100 km /100 km /100 km g/km 0 R17, with rims 7	c Power Steering (EPS), Auto Start Stop fi itor, ECO PRO mode, intelligent lightweig odynamic attributes, on-demand operation ontrolled oil pump, final drive with optimise tyres with reduced roll resis R16 as well as winter tyres 7.0 (7.2) 4.5 (4.6) 5.4 (5.6) 125 (129) 7.5J x 17 and tyres 225/45 R 17,	nction, Optimum Gearshift ht construction, optimised n of ancillary units, map- ed warm-up behaviour, itance 7.4 (7. 4.7 (4. 5.7 (5.
BMW Efficient standard featur Fuel Consum With standard - Urban Extra-urban Combined CO <sub>2</sub> With rims 7J x with rims 7.5J	Dynamics res ption EU <sup>3)</sup> tyres, rims 7J x 16 a ltr ltr ltr 17 and tyres 205/50 x 17 front, 8J x 17 re	Indica aeru co nd tyres 205/55 l /100 km /100 km /100 km g/km 0 R17, with rims 7 par and tyres 225	c Power Steering (EPS), Auto Start Stop fi itor, ECO PRO mode, intelligent lightweig odynamic attributes, on-demand operation ontrolled oil pump, final drive with optimise tyres with reduced roll resis R16 as well as winter tyres 7.0 (7.2) 4.5 (4.6) 5.4 (5.6) 125 (129) 7.5J x 17 and tyres 225/45 R 17, /45 R17 front, 245/40 R17 rear	nction, Optimum Gearshiff ht construction, optimised n of ancillary units, map- d warm-up behaviour, tance 7.4 (7. 4.7 (4. 5.7 (5.) 132 (12)
BMW Efficient standard featur With standard i Urban Extra-urban Combined CO <sub>2</sub> With rims 7J x with rims 7.5J Urban	Dynamics res ption EU <sup>3)</sup> tyres, rims 7J x 16 a ltr ltr ltr ltr 17 and tyres 205/50 x 17 front, 8J x 17 re ltr	Indica aeru cc /100 km /100 km /100 km g/km 0 R17, with rims 7 par and tyres 225 /100 km	c Power Steering (EPS), Auto Start Stop fi itor, ECO PRO mode, intelligent lightweig podynamic attributes, on-demand operation pontrolled oil pump, final drive with optimise tyres with reduced roll resis R16 as well as winter tyres R16 as well as winter tyres R16 as well as winter tyres 7.0 (7.2) 4.5 (4.6) 5.4 (5.6) 125 (129) 7.5J x 17 and tyres 225/45 R 17, /45 R17 front, 245/40 R17 rear 7.2 (7.4)	nction, Optimum Gearshift ht construction, optimised n of ancillary units, map- d warm-up behaviour, tance 7.4 (7. 4.7 (4. 5.7 (5.) 132 (12) 7.6 (7.
BMW Efficient standard featur With standard i Urban Extra-urban CO2 With rims 7.J x with rims 7.5J Urban Extra-urban	Dynamics res ption EU <sup>3)</sup> tyres, rims 7J x 16 a ltr ltr ltr ltr 17 and tyres 205/50 x 17 front, 8J x 17 re ltr ltr ltr	Indica aerr cc nd tyres 205/55 l /100 km /100 km g/km 0 R17, with rims 7 ear and tyres 225 /100 km /100 km	c Power Steering (EPS), Auto Start Stop fi tor, ECO PRO mode, intelligent lightweig podynamic attributes, on-demand operation pontrolled oil pump, final drive with optimise tyres with reduced roll resis R16 as well as winter tyres R16 as well as well as winter tyres R16 as well as well as well as well as winter tyres R16 as well as well as well as well as well as well as	Inction, Optimum Gearshift ht construction, optimised n of ancillary units, map- d warm-up behaviour, itance 7.4 (7. 4.7 (4.1 5.7 (5.1 132 (12) 7.6 (7. 4.8 (4.1
BMW Efficient standard featur standard featur With standard i Urban Extra-urban Combined CO <sub>2</sub> With rims 7.5 J Urban Extra-urban Combined	Dynamics res ption EU <sup>3)</sup> tyres, rims 7J x 16 a ltr ltr ltr ltr 17 and tyres 205/50 x 17 front, 8J x 17 re ltr ltr ltr	Indica aerr cc nd tyres 205/55 l /100 km /100 km g/km 0 R17, with rims 7 ear and tyres 225 /100 km /100 km /100 km	c Power Steering (EPS), Auto Start Stop fi tor, ECO PRO mode, intelligent lightweig podynamic attributes, on-demand operation ontrolled oil pump, final drive with optimise tyres with reduced roll resis R16 as well as winter tyres R16 as well as well as winter tyres R16 as well as well as winter tyres R16 as well as winter tyres R16 as well as winter tyres R16 as well as well as	Inction, Optimum Gearshift ht construction, optimised n of ancillary units, map- d warm-up behaviour, itance 7.4 (7. 4.7 (4.1 5.7 (5.1 132 (12) 7.6 (7. 4.8 (4.1 5.8 (5.
BMW Efficient standard featur standard featur With standard f Urban Combined CO <sub>2</sub> With rims 7.5J Urban Extra-urban Extra-urban Combined CO <sub>2</sub>	Dynamics res ption EU <sup>3)</sup> tyres, rims 7J x 16 a ltr ltr ltr ltr 17 and tyres 205/50 x 17 front, 8J x 17 re ltr ltr ltr ltr ltr ltr ltr	Indica aerr cc nd tyres 205/55 l /100 km /100 km g/km 0 R17, with rims 7 par and tyres 225 /100 km /100 km /100 km /100 km	c Power Steering (EPS), Auto Start Stop fi tor, ECO PRO mode, intelligent lightweig podynamic attributes, on-demand operation ontrolled oil pump, final drive with optimise tyres with reduced roll resis R16 as well as winter tyres R16 as well as winter tyres R16 as well as winter tyres R16 as well as winter tyres 7.0 (7.2) 4.5 (4.6) 5.4 (5.6) 125 (129) 7.5 J x 17 and tyres 225/45 R 17, /45 R17 front, 245/40 R17 rear 7.2 (7.4) 4.6 (4.8) 5.6 (5.7) 129 (133)	Inction, Optimum Gearshift ht construction, optimised n of ancillary units, map- d warm-up behaviour, itance 7.4 (7. 4.7 (4.1 5.7 (5.1 132 (12) 7.6 (7. 4.8 (4.1 5.8 (5.
BMW Efficient standard featur standard featur Fuel Consum With standard f Urban Extra-urban Combined CO <sub>2</sub> With rims 7.5J Urban Extra-urban Combined CO <sub>2</sub> With rims 7.5J	Dynamics res <b>ption EU</b> <sup>3)</sup> tyres, rims 7J x 16 a ltr ltr ltr 17 and tyres 205/50 x 17 front, 8J x 17 re ltr ltr x 18 front, 8J x 18 r	Indica aerr cc nd tyres 205/55 l /100 km /100 km g/km 0 R17, with rims 7 aar and tyres 225 /100 km /100 km /100 km /100 km /100 km ag/km ear and tyres 225	c Power Steering (EPS), Auto Start Stop fi tor, ECO PRO mode, intelligent lightweig bdynamic attributes, on-demand operation ontrolled oil pump, final drive with optimise tyres with reduced roll resis R16 as well as winter tyres R16 as well as winter tyres R16 as well as winter tyres 7.0 (7.2) 4.5 (4.6) 5.4 (5.6) 125 (129) 7.5 J x 17 and tyres 225/45 R 17, /45 R17 front, 245/40 R17 rear 7.2 (7.4) 4.6 (4.8) 5.6 (5.7) 129 (133) 5/40 R18 front, 245/35 R18 rear	Inction, Optimum Gearshift ht construction, optimised n of ancillary units, map- id warm-up behaviour, itance 7.4 (7. 4.7 (4. 5.7 (5.) 132 (12) 7.6 (7. 4.8 (4.) 5.8 (5. 136 (13)
BMW Efficient standard featur standard featur With standard Urban Extra-urban Combined CO <sub>2</sub> With rims 7.J x with rims 7.J J Urban Extra-urban Combined CO <sub>2</sub> With rims 7.5J Urban	Dynamics res <b>ption EU</b> <sup>3)</sup> tyres, rims 7J x 16 a ltr ltr ltr 17 and tyres 205/50 x 17 front, 8J x 17 re ltr ltr ltr tr tr tr tr tr tr tr tr tr tr tr tr t	Indica aerr cc nd tyres 205/55 I /100 km /100 km g/km 0 R17, with rims 7 par and tyres 225 /100 km /100 km /100 km /100 km g/km ear and tyres 225 /100 km	c Power Steering (EPS), Auto Start Stop fi tor, ECO PRO mode, intelligent lightweig odynamic attributes, on-demand operation ontrolled oil pump, final drive with optimise tyres with reduced roll resis R16 as well as winter tyres 7.0 (7.2) 4.5 (4.6) 5.4 (5.6) 125 (129) 7.5J x 17 and tyres 225/45 R 17, /45 R17 front, 245/40 R17 rear 7.2 (7.4) 4.6 (4.8) 5.6 (5.7) 129 (133) 5/40 R18 front, 245/35 R18 rear 7.4 (7.6)	Anction, Optimum Gearshift ht construction, optimised n of ancillary units, map- ed warm-up behaviour, itance 7.4 (7. 4.7 (4. 5.7 (5. 132 (12) 7.6 (7. 4.8 (4. 5.8 (5. 136 (13) 7.8 (7.
BMW Efficient standard featur standard featur With standard Urban Extra-urban Combined CO <sub>2</sub> With rims 7.J x with rims 7.J x Urban Combined CO <sub>2</sub> With rims 7.5J Urban Extra-urban Cotan Extra-urban	Dynamics res <b>ption EU <sup>3)</sup></b> tyres, rims 7J x 16 a ltr ltr ltr 17 and tyres 205/50 x 17 front, 8J x 17 re ltr ltr ltr x 18 front, 8J x 18 r ltr ltr ltr ltr ltr ltr ltr ltr ltr lt	Indica aerr cc nd tyres 205/55 I /100 km /100 km g/km 0 R17, with rims 7 aer and tyres 225 /100 km /100 km /100 km g/km ear and tyres 225 /100 km /100 km	c Power Steering (EPS), Auto Start Stop fi tor, ECO PRO mode, intelligent lightweig odynamic attributes, on-demand operation ontrolled oil pump, final drive with optimise tyres with reduced roll resis R16 as well as winter tyres R16 as well as winter tyres R16 as well as winter tyres 7.0 (7.2) 4.5 (4.6) 5.4 (5.6) 125 (129) 7.5J x 17 and tyres 225/45 R 17, /45 R17 front, 245/40 R17 rear 7.2 (7.4) 4.6 (4.8) 5.6 (5.7) 129 (133) 5/40 R18 front, 245/35 R18 rear 7.4 (7.6) 4.7 (4.9)	Inction, Optimum Gearshift           th construction, optimised           n of ancillary units, map-           ed warm-up behaviour,           ttance           7.4 (7.           4.7 (4.           5.7 (5.           132 (12)           7.6 (7.           4.8 (4.           5.8 (5.           136 (13)           7.8 (7.           4.9 (4.)
BMW Efficient standard featur standard featur With standard Urban Extra-urban Combined CO <sub>2</sub> With rims 7.J x with rims 7.5J Urban Extra-urban Combined CO <sub>2</sub> With rims 7.5J Urban Extra-urban Extra-urban Extra-urban Combined	Dynamics res <b>ption EU <sup>3)</sup></b> tyres, rims 7J x 16 a ltr ltr ltr 17 and tyres 205/50 x 17 front, 8J x 17 re ltr ltr ltr x 18 front, 8J x 18 r ltr ltr ltr ltr ltr ltr ltr ltr ltr lt	Indica aerr cc nd tyres 205/55 I /100 km /100 km g/km 0 R17, with rims 7 aar and tyres 225 /100 km /100 km /100 km g/km ear and tyres 225 /100 km /100 km /100 km /100 km	c Power Steering (EPS), Auto Start Stop fi tor, ECO PRO mode, intelligent lightweig odynamic attributes, on-demand operation ontrolled oil pump, final drive with optimise tyres with reduced roll resis R16 as well as winter tyres R16 as well as winter tyres R16 as well as winter tyres 7.0 (7.2) 4.5 (4.6) 5.4 (5.6) 125 (129) 7.5J x 17 and tyres 225/45 R 17, 145 R17 front, 245/40 R17 rear 7.2 (7.4) 4.6 (4.8) 5.6 (5.7) 129 (133) 5/40 R18 front, 245/35 R18 rear 7.4 (7.6) 4.7 (4.9) 5.7 (5.9)	Anction, Optimum Gearshift           ht construction, optimised           n of ancillary units, map-           d warm-up behaviour,           ttance           7.4 (7.           4.7 (4.           5.7 (5.           132 (129           7.6 (7.           4.8 (4.           5.8 (5.           136 (13.           7.8 (7.           4.9 (4.           6.0 (5.
BMW Efficient standard featur standard featur With standard Urban Extra-urban Combined CO <sub>2</sub> With rims 7.J x with rims 7.J x Urban Combined CO <sub>2</sub> With rims 7.5J Urban Extra-urban Cotan Extra-urban	Dynamics res <b>ption EU</b> <sup>3)</sup> tyres, rims 7J x 16 a ltr ltr ltr 17 and tyres 205/50 x 17 front, 8J x 17 re ltr ltr x 18 front, 8J x 18 r ltr ttr ltr ltr ltr ltr ltr ltr ltr lt	Indica aerr cc nd tyres 205/55 I /100 km /100 km g/km 0 R17, with rims 7 aer and tyres 225 /100 km /100 km /100 km g/km ear and tyres 225 /100 km /100 km	c Power Steering (EPS), Auto Start Stop fi tor, ECO PRO mode, intelligent lightweig odynamic attributes, on-demand operation ontrolled oil pump, final drive with optimise tyres with reduced roll resis R16 as well as winter tyres R16 as well as winter tyres R16 as well as winter tyres 7.0 (7.2) 4.5 (4.6) 5.4 (5.6) 125 (129) 7.5J x 17 and tyres 225/45 R 17, /45 R17 front, 245/40 R17 rear 7.2 (7.4) 4.6 (4.8) 5.6 (5.7) 129 (133) 5/40 R18 front, 245/35 R18 rear 7.4 (7.6) 4.7 (4.9)	nction, Optimum Gearshift ht construction, optimised n of ancillary units, map- ed warm-up behaviour,

Figures in brackets apply to automatic transmission

 $^{1)}$  Height with roof fin: 1440 mm  $^{2)}$  Oil change  $^{3)}$  Fuel consumption and CO $_2$  emission figures depend on the selected tyre format

BMW 125i 5-door.

		BMW 125i 5-door
D- d-		
Body		
No. of doors/seats Length/width/height <sup>1)</sup> (unladen)		5/5
	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.	52
<b>2</b>	ltr	
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,	kg	0337 1120
braked (12%)/unbraked	ĸġ	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
All Tesistance	U <sub>d</sub> X A	0.32 X 2.14
Power Unit		
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		
αι	rpm	1350 – 4800
Electrical System		
Battery/installation	Ah/–	80 / luggage comp.
Alternator	A/W	170 / 2380
Driving Dynamics and Safety		
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,
Ctaoring		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
Transmissior	1		
Type of transm	iission		6-speed manual (optional: 8-speed Steptronic transmission)
Gear ratios		:1	3.683 (4.714)
		:1	2.062 (3.143)
		: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-weig	ht 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 Efficien	tDynamics		
BMW Efficient			Brake Energy Regeneration with recuperation display,
standard featur			Electric Power Steering (EPS), Auto Start Stop function, Optim
		G	Gearshift Indicator, ECO PRO mode with coasting function (auton
		int	elligent lightweight construction, optimised aerodynamic attribut

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

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	d tyres 225/45 R 17 as well as winter t	yres,				
with rims 7.5J x 17 from	nt, 8J x 17 rear and tyres 225/45 R17	front, 245/40 R17 rear,				
with rims 7.,5J x 18 fro	nt, 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		FU6	

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.

		BMW M135i 5-door	BMW M135i xDrive 5-door
Body			
No. of doors/seats		5/5	5/5
Length/width/height <sup>1)</sup> (unladen)		4324 / 1765 / 1411	
Wheelbase	mm		4324 / 1765 / 1412
	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. Itr	52	52
Cooling system incl. heater	ltr	6.9 (7.1)	7.1
Engine oil 2)	ltr	6.5	6.5
Weight, unladen, to DIN/EU	kg	1430 / 1505 (1450 / 1525)	1520/1595
Max. load to DIN	ka	565	550
Max. permissible weight	kg		
	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	kg	75/-	75/-
download			
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
Power Unit			
Config./No. of cyls./valves		in-line / 6 / 4	in-line / 6 / 4
Engine technology		erformance TwinPower Turbo technolo Precision Direct Injection, fully variable v Double-VANOS variable carr	alve control (VALVETRONIC),
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		1300 – 4500	
at	rpm	1300 – 4500	1300 – 4500
Electrical System			
Battery/installation	Ah/–	80 / luggage comp.	80 / luggage comp
Alternator	A/W	170 / 2380	170 / 2380
Driving Dynamics and Safet			
Suspension, front		iinium double-joint spring strut axle with	
Suspension, rear	Five	link axle in lightweight steel constructio	v
Brakes, front		Four-piston fixed-calliper of	disc brakes
Brakes, rear		Twin-piston fixed-calliper of	disc brakes
Driving stability systems	(Corner Fading (	dard: DSC incl. ABS, ASC and DTC (Dyn ing Brake Control), DBC (Dynamic Brake Compensation, Start-Off Assistant; BMN all-wheel-drive system in Integrated Cha	e Control), Dry Braking function, W M135i xDrive: linked to xDrive assis 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 variable sport steering incl. Serv	
Steering ratio, overall	:1	14.5	14.6
Tyres, front/rear	• 1	225/40 ZR18 88Y/	225/40 ZR18 88Y
ryros, ironniedi		225/40 ZR 18 881/ 245/35 ZR18 92Y XL	245/35 ZR18 92Y XL
		24JIJJ ZR 10 921 AL	24JIJJ 2R 10 921 AL
Rims front/rear		7.5J x 18 light-alloy/	7.5J x 18 light-alloy

			BMW M135i 5-door	BMW M135i xDrive 5-door
Transmission	1			
Type of transm	ission		6-speed manual (optional: 8-speed	8-speed Steptronic sport transmission
			Steptronic sport transmission)	
Gear ratios	I	:1	4.110 (4.714)	4.714
		:1	2.315 (3.143)	3.143
	III	:1	1.542 (2.106)	2.106
	IV	:1	1.179 (1.667)	1.667
	V	:1	1.000 (1.285)	1.285
	VI	:1	0.846 (1.000)	1.000
	VII	:1	- (0.839)	0.839
	VIII	:1	- (0.667)	0.667
	R	:1	3.727 (3.295)	3.295
Final drive		:1	3.077 (3.077)	3.077
Performance				
Power-to-weig	ht 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
BMW Efficien	tDynamics			
BMW Efficient[	Dynamics		Brake Energy Regeneratio	n with recuperation display,
standard featur	es		Electric Power Steering (EPS), Auto S	Start Stop function, Optimum Gearshift
				sting function (automatic), intelligent
				aerodynamic attributes, on-demand
		0		olled oil pump, final drive with optimised
				weight-optimised transfer case (BMW
			M135i xDrive), tyres wit	h reduced roll resistance
Fuel Consum	ption EU			
Urban		ltr/100 km	10.9 (10.3)	10.8
Extra-urban		ltr/100 km	6.4 (5.9)	6.7
Combined		ltr/100 km	8.0 (7.5)	7.8
CO <sub>2</sub>		g/km	188 (175)	182
Emission rating		-	EU6	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.

		BMW 116d 5-door
Datha		
Body No. of doors/seats		
Length/width/height <sup>1)</sup> (unladen)		5/5
Wheelbase	mm	4329 / 1765 / 1421 2690
Track, front/rear	mm	
Ground clearance	mm	<u> </u>
Turning circle	mm	140
Fuel tank capacity	m	52
	approx. Itr	52
Cooling system incl. heater	ltr	7.0
Engine oil <sup>2)</sup>	ltr	4.4
Weight, unladen, to DIN/EU	kg	1320 / 1395
	ĸy	(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,	kg	
braked (12%)/unbraked	5	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
Power Unit		
Config./No. of cyls./valves		in-line / 3 / 4
Engine technology		BMW TwinPower Turbo technology: turbocharger with variable inlet
5		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
Electrical System		
Battery/installation	Ah/–	90 / luggage comp.
Alternator	A/W	180 / 2520
Driving Dynamics and Safety		
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
0, , ,		(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,
Ctaoring		crash sensors, Tyre Defect Indicator
Steering		Electric Power Steering (EPS),
Cteoring ratio averall		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 transmi	ssion		6-speed manual (optional: 8-speed Steptronic transmission)
Gear ratios		:1	4.002 (5.000)
		:1	2.130 (3.200)
		: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-weigh	nt 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

Fuel Consumption	EU <sup>3)</sup>		
With standard tyres,	rims 7J x 16 and tyres 205/55 R16 as w	ell 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 an	d tyres 205/50 R17, with rims 7.5J x 17	and tyres 225/45 R 17,	
	ront, 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 f	ront, 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

 $^{1)}$  Height with roof fin: 1440 mm  $^{2)}$  Oil change  $^{3)}$  Fuel consumption and CO $_2$  emission figures depend on the selected tyre format

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

		BMW 116d EfficientDynamics Edition 5-door		
Body				
No. of doors/seats		5/5		
Length/width/height <sup>1)</sup> (unladen)	mm	4329 / 1765 / 1413		
Wheelbase	mm	2690		
Track, front/rear		1523 / 1558		
Ground clearance	mm mm	132		
Turning circle	m	10.9		
Fuel tank capacity		52		
der tank capacity	approx. Itr	JZ		
Cooling system incl. heater	ltr	7.0		
Engine oil 2)	ltr	4.4		
Weight, unladen, to DIN/EU		1320 / 1395		
Max. load to DIN	kg kg	565		
Max. permissible weight	kg	1885		
Vlax. axle load, front/rear	kg			
Max. trailer load.	kg	855 / 1090		
oraked (12%)/unbraked	kg	-/-		
Max. roof load/max towbar download	kg	757 -		
Luggage comp. capacity	ltr	360 – 1200		
Air resistance	C <sub>d</sub> x A	0.29 x 2.14		
Power Unit				
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		
-uel		diesel		
Max. output	kW/hp	85 / 116		
at	rpm	4000		
Max torque	Nm	270		
at	rpm	1750 – 2250		
Electrical System				
Battery/installation	Ah/-	90 / luggage comp.		
Alternator	AW	180 / 2520		
	~~~~	1007 2020		
Driving Dynamics and Safety Suspension, front				
1 /		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		
		Standard: airbags for driver and front passenger, side airbags for driver an		
Safety equipment		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		
2		seatbelts on all seats with belt tensioner and belt force limiter at the front crash sensors, Tyre Defect Indicator Electric Power Steering (EPS),		
Steering	.1	seatbelts on all seats with belt tensioner and belt force limiter at the front crash sensors, Tyre Defect Indicator Electric Power Steering (EPS), optional: Servotronic function, variable sport steering		
Safety equipment Steering Steering ratio, overall Tyres, front/rear	:1	seatbelts on all seats with belt tensioner and belt force limiter at the front crash sensors, Tyre Defect Indicator Electric Power Steering (EPS),		

		BMW 116d EfficientDynamics Edition 5-c	
Transmission			
Type of transmiss	sion		6-speed manual
Gear ratios	I	:1	4.002
		: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, mapcontrolled 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		
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 fro	ont, 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 fro	ont, 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)

 $^{1)}$  Height with roof fin: 1432 mm  $^{2)}$  Oil change  $^{3)}$  Fuel consumption and CO $_2$  emission figures depend on the selected tyre format

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

		BMW 118d 5-door	BMW 118d xDrive 5-door
Body			
No. of doors/seats		5/5	5/5
Length/width/height <sup>1)</sup> (unladen)		4329 / 1765 / 1421	4329 / 1765 / 1421
Wheelbase	mm		
	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.	52	52
<u></u>	ltr		
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,	-	30071030	9407 1090
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
Power Unit			
Config./No. of cyls./valves		in-line / 4 / 4	in-line / 4 / 4
Engine technology	BMW	TwinPower Turbo technology: turboch	
2.19.10 (001.10.09)	Divitiv	common rail direct injection with s	
		max. injection pressure	
Effective capacity	cm <sup>3</sup>	1995	1995
Stroke/bore	mm	90.0 / 84.0	90.0 / 84.0
Compression ratio			
Fuel	:1	16.5	16.5
		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
Electrical System			
Battery/installation	Ah/–	90 / luggage comp.	90 / luggage comp.
Alternator	A/W	150/2100	150/2100
Driving Dynamics and Safety	,		
Suspension, front		Aluminium double-joint s	oring strut axle
Suspension, rear	Fiv	e-link axle in lightweight steel construct	
Brakes, front	1 10	Single-piston floating-calli	<u> </u>
/			
Brakes, rear	01	Single-piston floating-calli	
Driving stability systems		ndard: DSC incl. ABS, ASC and DTC (D	
		ering Brake Control), DBC (Dynamic Bra	
	Fadin	g Compensation, Start-Off Assistant; B	
		all-wheel-drive system in Integrated C	<u> </u>
Safety equipment		ard: airbags for driver and front passeng	
	passe	enger, head airbags front and rear, three	
		seats with belt tensioner and belt for	
Steering		crash sensors, Tyre Def	
Jeening		Electric Power Steeri	
Cteoring rotio autorall	~	optional: Servotronic function, va	· · · · · · · · · · · · · · · · · · ·
Steering ratio, overall	:1	15.0	15.1
T. man farmtland			20E/EE D16 01\/
Tyres, front/rear Rims, front/rear		195/55 R16 87W 6.5J x 16 steel	205/55 R16 91V 7J x 16 steel

			BMW 118d 5-door	BMW 118d xDrive 5-door
Transmissior	1			
Type of transm	nission		6-speed manual (optional: 8-speed	6-speed manual
			Steptronic transmission)	
Gear ratios		:1	4.002 (5.000)	4.110
	I	:1	2.130 (3.200)	2.248
	III	:1	1.396 (2.143)	1.403
	IV	:1	1.000 (1.720)	1.000
	V	:1	0.781 (1.314)	0.802
	VI	:1	0.668 (1.000)	0.659
	VII	:1	- (0.822)	-
	VIII	:1	- (0.640)	-
	R	:1	3.647 (3.456)	3.727
Final drive		:1	3.077 (2.647)	3.154
Performance				
Power-to-weig	ht ratio	kg/kW	12.3 (12.5)	13.0
Output per litre	9	kW/ltr	55.1	55.1
Acceleration	0–100 km/h	S	8.3 (8.1)	8.4
in 5th gear	80–120 km/h	S	9.2 (-)	9.5
Top speed		km/h	212 (212)	210
BMW Efficier	ntDynamics			
BMW EfficientDynamics		Brake Energy Regeneration with recuperation display,		
standard features		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 wa weight-optimised transfer case (BMW 1	rm-up behaviour, efficiency- and

roll resistance

Fuel Consumption EU <sup>3)</sup>					
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), wit	h 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.

1 LY103 ZZ 3/43 TX T7 43 WOIL 43 WILL	ci tyres,	
nt, 8J x 17 rear and tyres 225/45 R <sup>-</sup>	17 front, 245/40 R17 rear	
ltr/100 km	4.8 (4.5)	5.4
ltr/100 km	3.5 (3.4)	4.0
ltr/100 km	4.0 (3.8)	4.5
g/km	104 (99)	119
nt, 8J x 18 rear and tyres 225/40 R	18 front, 245/35 R18 rear	
ltr/100 km	5.2 (4.9)	5.6
ltr/100 km	3.8 (3.8)	4.1
ltr/100 km	4.3 (4.2)	4.7
g/km	114 (110)	123
	EU6	EU6
	nt, 8J x 17 rear and tyres 225/45 R Itr/100 km Itr/100 km Itr/100 km g/km nt, 8J x 18 rear and tyres 225/40 R Itr/100 km Itr/100 km Itr/100 km	Itr/100 km         3.5 (3.4)           Itr/100 km         4.0 (3.8)           g/km         104 (99)           nt, 8J x 18 rear and tyres 225/40 R18 front, 245/35 R18 rear           Itr/100 km         5.2 (4.9)           Itr/100 km         3.8 (3.8)           Itr/100 km         4.3 (4.2)           g/km         114 (110)

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

 $^{1)}$  Height with roof fin: 1440 mm  $^{2)}$  Oil change  $^{3)}$  Fuel consumption and CO $_2$  emission figures depend on the selected tyre format

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

		BMW 120d 5-door	BMW 120d xDrive 5-door	
Body				
No. of doors/seats		5/5	5/5	
Length/width/height <sup>1)</sup> (unladen)	mm	4329 / 1765 / 1421	4329 / 1765 / 1421	
Wheelbase		2690	43297170371421	
Track, front/rear	mm		1522 / 1556	
Ground clearance	mm	1521 / 1556		
Turning circle	mm	140	140	
8	m	10.9	11.3	
Fuel tank capacity	approx.	52	52	
	ltr	7.0		
Cooling system incl. heater Engine oil <sup>2)</sup>	ltr	7.0	7.0	
3	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			
Max. roof load/max towbar	1	1500 / 710	1500 / 750	
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	
Power Unit				
Config./No. of cyls./valves		in-line / 4 / 4	in-line / 4 / 4	
Engine technology	BMW	TwinPower Turbo technology: turbocha common rail direct injection with so max. injection pressure	plenoid valve injectors,	
Effective capacity	cm <sup>3</sup>	1995	. 2,000 bai 1995	
Stroke/bore	mm	90.0 / 84.0	90.0 / 84.0	
Compression ratio				
Fuel	:1	16.5	16.5	
Max. output		diesel	diesel	
	kW/hp	140/190	140 / 190	
at	rpm	4000	4000	
Max torque	Nm	400	400	
at	rpm	1750 – 2500	1750 – 2500	
Electrical System				
Battery/installation	Ah/–	90 / luggage comp.	90 / luggage comp.	
Alternator	A/W	150 / 2100	150/2100	
Driving Dynamics and Safety				
Suspension, front		Aluminium double-joint sp		
Suspension, rear	Fiv	e-link axle in lightweight steel construct	ion 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			
	•	ering Brake Control), DBC (Dynamic Bra g Compensation, Start-Off Assistant; Bl all-wheel-drive system in Integrated Cl	VW 120d xDrive: linked to xDrive	
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 Steerin optional: Servotronic function, va	ng (EPS),	
Steering ratio, overall	:1	15.0	15.1	
Tyres, front/rear	.1			
Rims, front/rear		205/55 R16 91V 7J x 16 steel	205/55 R16 91V 7J x 16 steel	
			/. LX IN STEEL	

			BMW 120d 5-door	BMW 120d xDrive 5-door
Transmission				
Type of transmi	ssion		6-speed manual (optional: 8-speed	8-speed Steptronic transmission
			Steptronic transmission)	
Gear ratios	I	:1	4.110 (5.000)	5.000
	II	:1	2.248 (3.200)	3.200
		:1	1.403 (2.143)	2.143
	IV	:1	1.000 (1.720)	1.720
	V	:1	0.802 (1.314)	1.314
	VI	:1	0.659 (1.000)	1.000
	VII	:1	- (0.822)	0.822
	VIII	:1	- (0.640)	0.640
	R	:1	3.727 (3.456)	3.456
Final drive		:1	3.077 (2.647)	2.647
Performance				
Power-to-weigh	nt ratio	kg/kW	9.8 (9.9)	10.4
Output per litre		kW/ltr	70.2	70.2
Acceleration	0–100 km/h	S	7.1 (7.0)	6.8
in 5th gear	80–120 km/h	S	7.2 (–)	-
Top speed		km/h	228 (228)	222
BMW EfficientD	ynamics		Brake Energy Regeneration w Electric Power Steering (EPS), Auto Star	t Stop function, Optimum Gearshift
BMW EfficientD	ynamics		Electric Power Steering (EPS), Auto Star Indicator, ECO PRO mode with coastir lightweight construction, optimised aer operation of ancillary units, map-con compressor, final drive with optimised w weight-optimised transfer case (BMW	t Stop function, Optimum Gearshift ng function (automatic), intelligent rodynamic attributes, on-demand trolled oil pump, detachable a/c varm-up behaviour, efficiency- and 120d xDrive), tyres with reduced
BMW Efficient BMW EfficientD standard feature	aynamics as		Electric Power Steering (EPS), Auto Star Indicator, ECO PRO mode with coastir lightweight construction, optimised aer operation of ancillary units, map-con compressor, final drive with optimised w	t Stop function, Optimum Gearshift ng function (automatic), intelligent rodynamic attributes, on-demand trolled oil pump, detachable a/c varm-up behaviour, efficiency- and 120d xDrive), tyres with reduced
BMW EfficientD standard feature Fuel Consump	aynamics as by namics by n		Electric Power Steering (EPS), Auto Star Indicator, ECO PRO mode with coastir lightweight construction, optimised aer operation of ancillary units, map-con compressor, final drive with optimised w weight-optimised transfer case (BMW	t Stop function, Optimum Gearshift ng function (automatic), intelligent rodynamic attributes, on-demand trolled oil pump, detachable a/c varm-up behaviour, efficiency- and 120d xDrive), tyres with reduced
BMW EfficientD standard feature	bynamics as bynamics by by by by by by by by by by by by by		Electric Power Steering (EPS), Auto Star Indicator, ECO PRO mode with coastir lightweight construction, optimised aer operation of ancillary units, map-con compressor, final drive with optimised w weight-optimised transfer case (BMW roll resiste	t Stop function, Optimum Gearshift ng function (automatic), intelligent rodynamic attributes, on-demand trolled oil pump, detachable a/c varm-up behaviour, efficiency- and 120d xDrive), tyres with reduced ance
BMW EfficientD standard feature <b>Fuel Consump</b> With standard ty	bynamics as b <b>tion EU <sup>3)</sup></b> /res	ltr/100 km	Electric Power Steering (EPS), Auto Star Indicator, ECO PRO mode with coastir lightweight construction, optimised aer operation of ancillary units, map-con compressor, final drive with optimised w weight-optimised transfer case (BMW roll resista 5.0 (4.6)	t Stop function, Optimum Gearshift ng function (automatic), intelligent rodynamic attributes, on-demand trolled oil pump, detachable a/c varm-up behaviour, efficiency- and 120d xDrive), tyres with reduced ance 5.1
BMW EfficientD standard feature <b>Fuel Consump</b> With standard ty Urban Extra-urban	hynamics as b <b>tion EU <sup>3)</sup></b> rres	tr/100 km	Electric Power Steering (EPS), Auto Star Indicator, ECO PRO mode with coastir lightweight construction, optimised aer operation of ancillary units, map-con compressor, final drive with optimised v weight-optimised transfer case (BMW roll resista 5.0 (4.6) 3.6 (3.5)	t Stop function, Optimum Gearshift ng function (automatic), intelligent rodynamic attributes, on-demand trolled oil pump, detachable a/c varm-up behaviour, efficiency- and 120d xDrive), tyres with reduced ance 5.1 5.1
BMW EfficientD standard feature <b>Fuel Consump</b> With standard ty Urban Extra-urban Combined	hynamics as b <b>tion EU <sup>3)</sup></b> rres	tr/100 km tr/100 km tr/100 km	Electric Power Steering (EPS), Auto Star Indicator, ECO PRO mode with coastir lightweight construction, optimised aer operation of ancillary units, map-con compressor, final drive with optimised v weight-optimised transfer case (BMW roll resista 5.0 (4.6) 3.6 (3.5) 4.1 (3.9)	t Stop function, Optimum Gearshift ng function (automatic), intelligent rodynamic attributes, on-demand trolled oil pump, detachable a/c varm-up behaviour, efficiency- and 120d xDrive), tyres with reduced ance 5.1 3.9 4.3
BMW EfficientD standard feature <b>Fuel Consump</b> With standard ty Urban Extra-urban Combined CO <sub>2</sub> With rims 7J x 1	Pynamics as potion EU <sup>3)</sup> yres	ltr/100 km ltr/100 km ltr/100 km g/km 50 R17, with	Electric Power Steering (EPS), Auto Star Indicator, ECO PRO mode with coastir lightweight construction, optimised aer operation of ancillary units, map-con compressor, final drive with optimised v weight-optimised transfer case (BMW roll resista 5.0 (4.6) 3.6 (3.5) 4.1 (3.9) 108 (103) h rims 7.5J x 17 and tyres 225/45 R 17 a	t Stop function, Optimum Gearshift ng function (automatic), intelligent rodynamic attributes, on-demand trolled oil pump, detachable a/c varm-up behaviour, efficiency- and 120d xDrive), tyres with reduced ance 5.1 3.9 4.3 113
BMW EfficientD standard feature <b>Fuel Consump</b> With standard ty Urban Extra-urban Combined CO <sub>2</sub> With rims 7J x 1 with rims 7.5J x	pynamics as potion EU <sup>3)</sup> rres 7 and tyres 205/5 17 front, 8J x 17	tr/100 km tr/100 km tr/100 km g/km 50 R17, witt rear and tyr	Electric Power Steering (EPS), Auto Star Indicator, ECO PRO mode with coastir lightweight construction, optimised aer operation of ancillary units, map-con compressor, final drive with optimised v weight-optimised transfer case (BMW roll resista 5.0 (4.6) 3.6 (3.5) 4.1 (3.9) 108 (103) h rims 7.5J x 17 and tyres 225/45 R 17 a res 225/45 R17 front, 245/40 R17 rear	t Stop function, Optimum Gearshift ng function (automatic), intelligent rodynamic attributes, on-demand trolled oil pump, detachable a/c varm-up behaviour, efficiency- and 120d xDrive), tyres with reduced ance 5.1 3.9 4.3 8 well as winter tyres,
BMW EfficientD standard feature standard feature With standard ty Urban Extra-urban Combined CO <sub>2</sub> With rims 7J x 1 with rims 7.5J x Urban	Pynamics Potion EU <sup>3)</sup> Tres 7 and tyres 205/5 17 front, 8J x 17	tr/100 km tr/100 km tr/100 km g/km 50 R17, witi rear and tyr tr/100 km	Electric Power Steering (EPS), Auto Star Indicator, ECO PRO mode with coastir lightweight construction, optimised aer operation of ancillary units, map-con compressor, final drive with optimised v weight-optimised transfer case (BMW roll resista 5.0 (4.6) 3.6 (3.5) 4.1 (3.9) 108 (103) n rims 7.5J x 17 and tyres 225/45 R 17 a res 225/45 R17 front, 245/40 R17 rear 5.3 (4.9)	t Stop function, Optimum Gearshift ng function (automatic), intelligent rodynamic attributes, on-demand trolled oil pump, detachable a/c varm-up behaviour, efficiency- and 120d xDrive), tyres with reduced ance 5.1 3.2 4.2 113 s well as winter tyres, 5.3
BMW EfficientD standard feature with standard ty Urban Extra-urban Combined CO <sub>2</sub> With rims 7J x 1 with rims 7.5J x Urban Extra-urban	Pynamics Potion EU <sup>3)</sup> Arres 7 and tyres 205/5 17 front, 8J x 17	tr/100 km tr/100 km g/km 50 R17, witt rear and tyr tr/100 km tr/100 km	Electric Power Steering (EPS), Auto Star Indicator, ECO PRO mode with coastir lightweight construction, optimised aer operation of ancillary units, map-con compressor, final drive with optimised w weight-optimised transfer case (BMW roll resista 5.0 (4.6) 3.6 (3.5) 4.1 (3.9) 108 (103) n rims 7.5J x 17 and tyres 225/45 R 17 a res 225/45 R17 front, 245/40 R17 rear 5.3 (4.9) 3.7 (3.7)	t Stop function, Optimum Gearshift ng function (automatic), intelligent rodynamic attributes, on-demand trolled oil pump, detachable a/c varm-up behaviour, efficiency- and 120d xDrive), tyres with reduced ance 5.1 3.0 4.2 1113 s well as winter tyres, 5.2 4.1
BMW EfficientD standard feature with standard ty Urban Extra-urban Combined CO <sub>2</sub> With rims 7J x 1 with rims 7.5J x Urban Extra-urban Combined	Pynamics Potion EU <sup>3)</sup> Arres 7 and tyres 205/5 17 front, 8J x 17	tr/100 km tr/100 km g/km 50 R17, witt rear and tyr tr/100 km tr/100 km tr/100 km	Electric Power Steering (EPS), Auto Star Indicator, ECO PRO mode with coastir lightweight construction, optimised aer operation of ancillary units, map-con compressor, final drive with optimised w weight-optimised transfer case (BMW roll resiste 5.0 (4.6) 3.6 (3.5) 4.1 (3.9) 108 (103) n rims 7.5J x 17 and tyres 225/45 R 17 a res 225/45 R17 front, 245/40 R17 rear 5.3 (4.9) 3.7 (3.7) 4.3 (4.1)	t Stop function, Optimum Gearshift ng function (automatic), intelligent rodynamic attributes, on-demand trolled oil pump, detachable a/c varm-up behaviour, efficiency- and 120d xDrive), tyres with reduced ance 5.1 5.2 6.2 6.2 6.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7
BMW EfficientD standard feature <b>Fuel Consump</b> With standard ty Urban Extra-urban Combined CO <sub>2</sub> With rims 7J.5J x Urban Extra-urban Extra-urban Combined CO <sub>2</sub>	pynamics as ption EU <sup>3)</sup> /res 7 and tyres 205/5 17 front, 8J x 17	tr/100 km tr/100 km g/km 50 R17, with rear and tyr tr/100 km tr/100 km tr/100 km	Electric Power Steering (EPS), Auto Star Indicator, ECO PRO mode with coastir lightweight construction, optimised aer operation of ancillary units, map-con compressor, final drive with optimised w weight-optimised transfer case (BMW roll resista 5.0 (4.6) 3.6 (3.5) 4.1 (3.9) 108 (103) h rims 7.5J x 17 and tyres 225/45 R 17 a res 225/45 R 17 front, 245/40 R 17 rear 5.3 (4.9) 3.7 (3.7) 4.3 (4.1) 114 (109)	t Stop function, Optimum Gearshift ng function (automatic), intelligent rodynamic attributes, on-demand trolled oil pump, detachable a/c varm-up behaviour, efficiency- and 120d xDrive), tyres with reduced ance 5.1 5.2 6.2 6.2 6.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7
BMW EfficientD standard feature standard feature Fuel Consump With standard ty Urban Extra-urban Combined CO <sub>2</sub> With rims 7.5.J x Urban Extra-urban Combined CO <sub>2</sub> With rims 7.5.J x	Pynamics as potion EU <sup>3)</sup> /res 7 and tyres 205/5 17 front, 8J x 17 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	tr/100 km tr/100 km g/km 50 R17, with rear and tyn tr/100 km tr/100 km tr/100 km g/km rear and ty	Electric Power Steering (EPS), Auto Star Indicator, ECO PRO mode with coastir lightweight construction, optimised aer operation of ancillary units, map-con compressor, final drive with optimised w weight-optimised transfer case (BMW roll resiste 5.0 (4.6) 3.6 (3.5) 4.1 (3.9) 108 (103) h rims 7.5J x 17 and tyres 225/45 R 17 a es 225/45 R 17 front, 245/40 R 17 rear 5.3 (4.9) 3.7 (3.7) 4.3 (4.1) 114 (109) res 225/40 R 18 front, 245/35 R 18 rear	t Stop function, Optimum Gearshift ng function (automatic), intelligent rodynamic attributes, on-demand trolled oil pump, detachable a/c varm-up behaviour, efficiency- and 120d xDrive), tyres with reduced ance 5.1 3.2 4.3 113 s well as winter tyres, 5.3 4.1 4.1 119
BMW EfficientD standard feature standard feature With standard ty Urban Extra-urban Combined CO <sub>2</sub> With rims 7.5J x Urban Extra-urban Combined CO <sub>2</sub> With rims 7.5J x Urban	Pynamics as ption EU <sup>3)</sup> /res 7 and tyres 205/5 17 front, 8J x 17 1 4 18 front, 8J x 18	tr/100 km tr/100 km g/km 50 R17, witi rear and tyr tr/100 km tr/100 km g/km rear and ty tr/100 km	Electric Power Steering (EPS), Auto Star Indicator, ECO PRO mode with coastir lightweight construction, optimised aer operation of ancillary units, map-con compressor, final drive with optimised w weight-optimised transfer case (BMW roll resista 5.0 (4.6) 3.6 (3.5) 4.1 (3.9) 108 (103) n rims 7.5J x 17 and tyres 225/45 R17 a res 225/45 R17 front, 245/40 R17 rear 5.3 (4.9) 3.7 (3.7) 4.3 (4.1) 114 (109) res 225/40 R18 front, 245/35 R18 rear 5.5 (5.1)	t Stop function, Optimum Gearshift ng function (automatic), intelligent rodynamic attributes, on-demand trolled oil pump, detachable a/c varm-up behaviour, efficiency- and 120d xDrive), tyres with reduced ance 5.1 3.2 4.3 3.3 4.3 5.3 4.1 5.5 5.5 5.5 5.5
BMW EfficientD standard feature standard feature With standard ty Urban Extra-urban Combined CO <sub>2</sub> With rims 7.5J x Urban Extra-urban Combined CO <sub>2</sub> With rims 7.5J x Urban Extra-urban Combined CO <sub>2</sub>	Pynamics as potion EU <sup>3)</sup> /res 7 and tyres 205/5 17 front, 8J x 17	tr/100 km tr/100 km g/km 50 R17, witi rear and tyr tr/100 km tr/100 km tr/100 km tr/100 km tr/100 km	Electric Power Steering (EPS), Auto Star Indicator, ECO PRO mode with coastir lightweight construction, optimised aer operation of ancillary units, map-con compressor, final drive with optimised w weight-optimised transfer case (BMW roll resista 5.0 (4.6) 3.6 (3.5) 4.1 (3.9) 108 (103) n rims 7.5J x 17 and tyres 225/45 R 17 a res 225/45 R 17 front, 245/40 R 17 rear 5.3 (4.9) 3.7 (3.7) 4.3 (4.1) 114 (109) res 225/40 R 18 front, 245/35 R 18 rear 5.5 (5.1) 3.9 (3.9)	t Stop function, Optimum Gearshift ng function (automatic), intelligent rodynamic attributes, on-demand trolled oil pump, detachable a/c varm-up behaviour, efficiency- and 120d xDrive), tyres with reduced ance 5.1 3.9 4.3 113 s well as winter tyres, 5.3 4.1 4.5 5.5 4.3 4.1 4.5 4.3 4.1 4.5 4.3 4.3 4.1 4.5 4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3
BMW EfficientD standard feature standard feature With standard ty Urban Extra-urban Combined CO <sub>2</sub> With rims 7.5J x Urban Extra-urban Combined CO <sub>2</sub> With rims 7.5J x Urban	Pynamics as potion EU <sup>3)</sup> /res 7 and tyres 205/5 17 front, 8J x 17	tr/100 km tr/100 km g/km 50 R17, witi rear and tyr tr/100 km tr/100 km g/km rear and ty tr/100 km	Electric Power Steering (EPS), Auto Star Indicator, ECO PRO mode with coastir lightweight construction, optimised aer operation of ancillary units, map-con compressor, final drive with optimised w weight-optimised transfer case (BMW roll resista 5.0 (4.6) 3.6 (3.5) 4.1 (3.9) 108 (103) n rims 7.5J x 17 and tyres 225/45 R17 a res 225/45 R17 front, 245/40 R17 rear 5.3 (4.9) 3.7 (3.7) 4.3 (4.1) 114 (109) res 225/40 R18 front, 245/35 R18 rear 5.5 (5.1)	t Stop function, Optimum Gearshift ng function (automatic), intelligent rodynamic attributes, on-demand trolled oil pump, detachable a/c varm-up behaviour, efficiency- and 120d xDrive), tyres with reduced ance 5.1 3.2 4.3 113 s well as winter tyres, 5.3 4.1 4.5 5.5 5.5

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)

EU6

EU6

Emission rating

<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.

		BMW 125d 5-door
Body		
No. of doors/seats		5/5
Length/width/height <sup>1)</sup> (unladen)		4329 / 1765 / 1421
Wheelbase	mm	2690
Track. front/rear		
Ground clearance	mm	<u> </u>
Turning circle	m	140
Fuel tank capacity		52
r der tank capacity	approx. Itr	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		1500 / 710
download	kg	75/75
Luggage comp. capacity	ltr	360 – 1200
Air resistance	$C_{d} \times A$	0.31 x 2.14
Power Unit		
Config./No. of cyls./valves		in-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: multi-stage charging, high-pressure
3		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
	ipin	1000 - 0000
Electrical System		
Battery/installation	Ah/-	90 / luggage comp.
Alternator	A/W	150/2100
Driving Dynamics and Safety		
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 Standard: airbags for driver and front passenger, side airbags for driver and
Safaty aquipmont		Stanuaru, an bays for unver and none passenger, side an bags for unver and
Safety equipment		
Safety equipment		front passenger, head airbags front and rear, three-point inertia-reel
Safety equipment		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,
		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
		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 Electric Power Steering (EPS),
Steering	•1	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 Electric Power Steering (EPS), optional: Servotronic function, variable sport steering
Safety equipment Steering Steering ratio, overall Tyres, front/rear	:1	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 Electric Power Steering (EPS),

			BMW 125d 5-door
Transmission			
Type of transmission	า		8-speed Steptronic transmission
Gear ratios		:1	5.000
		: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

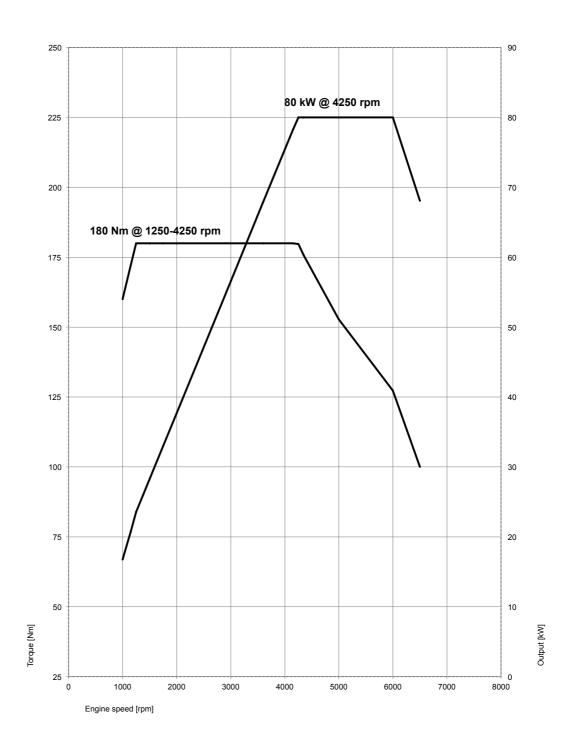
Fuel Consumption	EU <sup>3)</sup>		
With standard tyres			
Urban	ltr/100 km	5.1	
Extra-urban	ltr/100 km	3.9	
Combined	ltr/100 km	4.3	
CO <sub>2</sub>	g/km	114	
With rims 7.5J x 17 an	d tyres 225/45 R 17 as well as winter ty	/res,	
with rims 7.5J x 17 fro	nt, 8J x 17 rear and tyres 225/45 R17 f	ront, 245/40 R17 rear,	
with rims 7.5J x 18 fro	nt, 8J x 18 rear and tyres 225/40 R18 f	ront, 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	

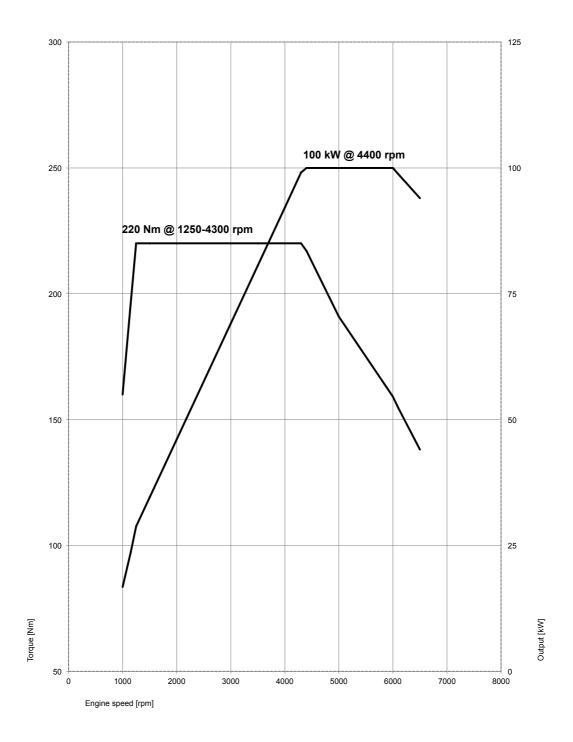
Specifications apply to ACEA markets/data relevant to homologation apply in part only to Germany (weight)

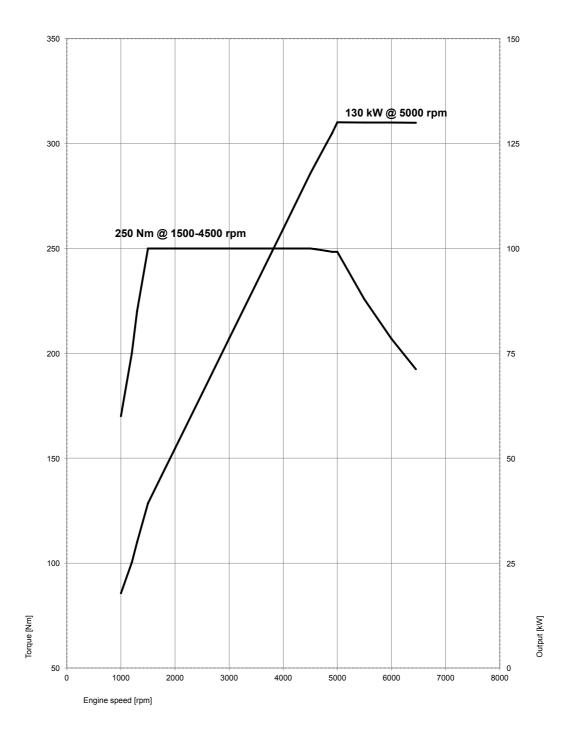
 $^{1)}$  Height with roof fin: 1440 mm  $^{2)}$  Oil change  $^{3)}$  Fuel consumption and CO\_2 emission figures depend on the selected tyre format

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

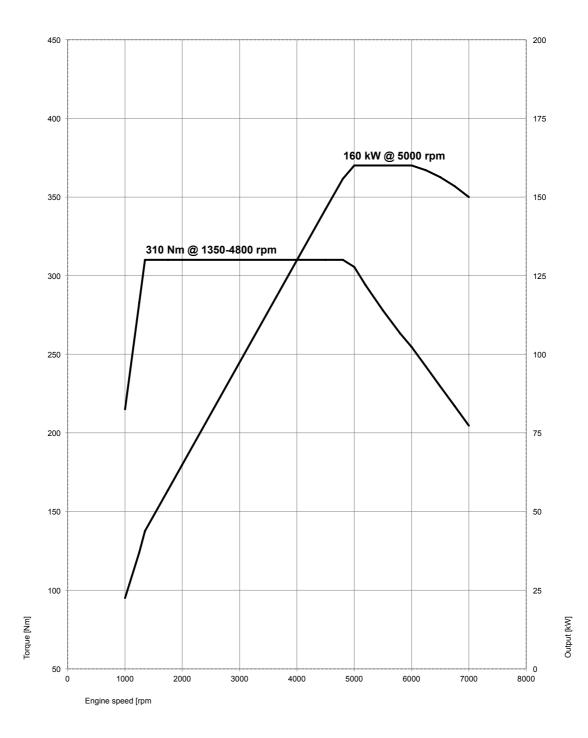


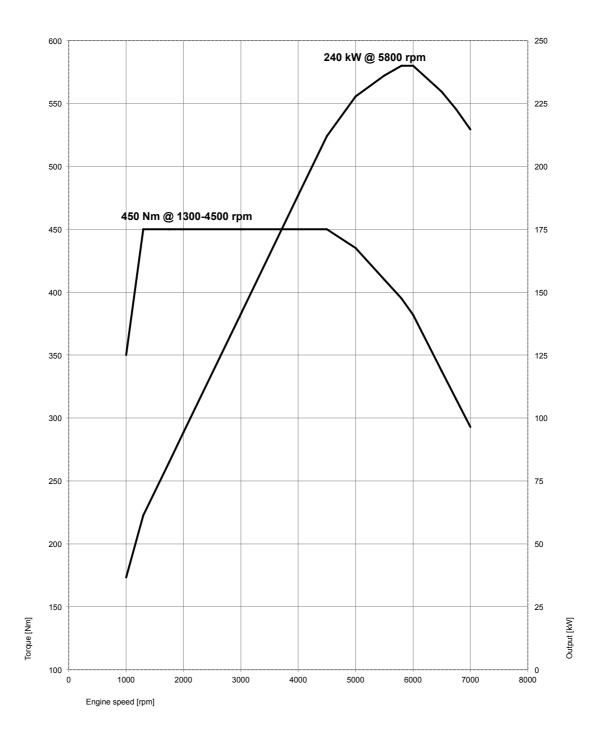


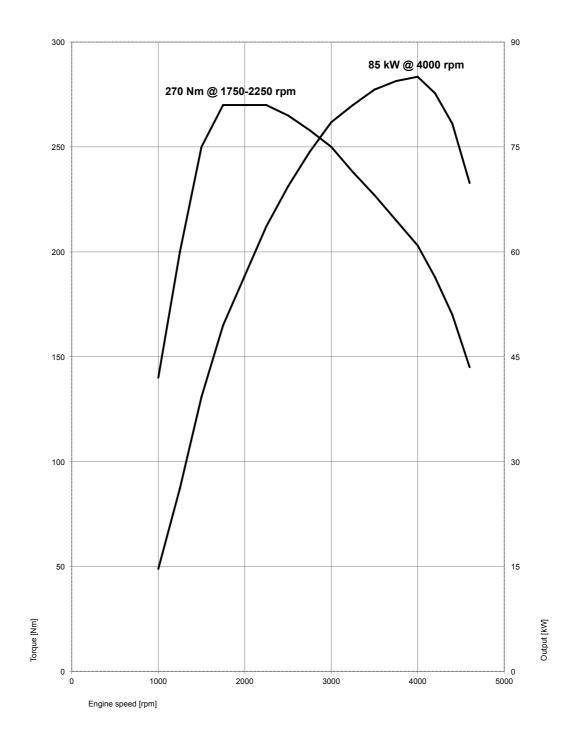




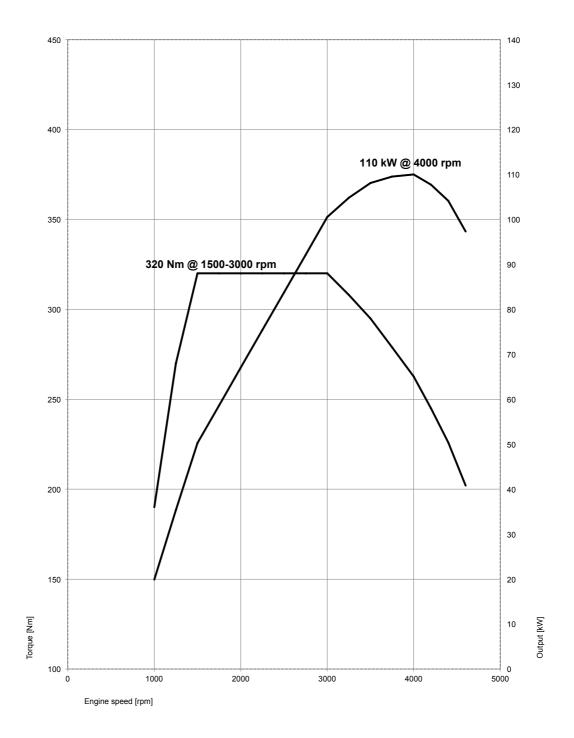
BMW Media information

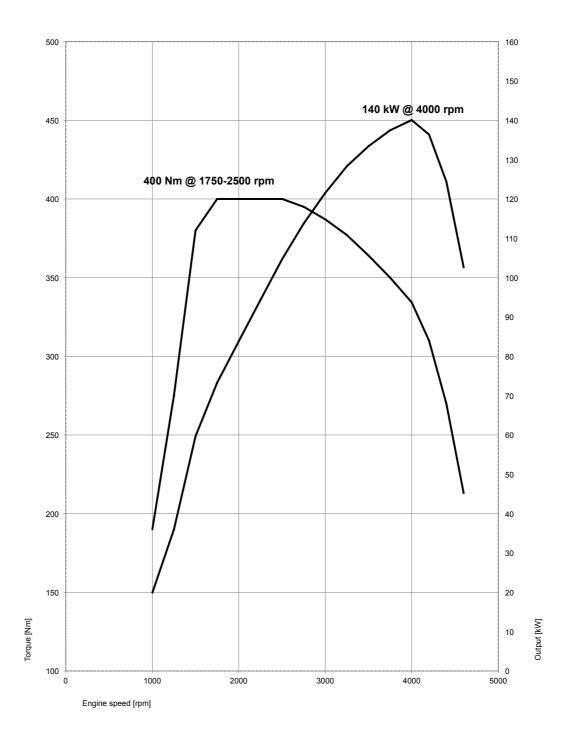


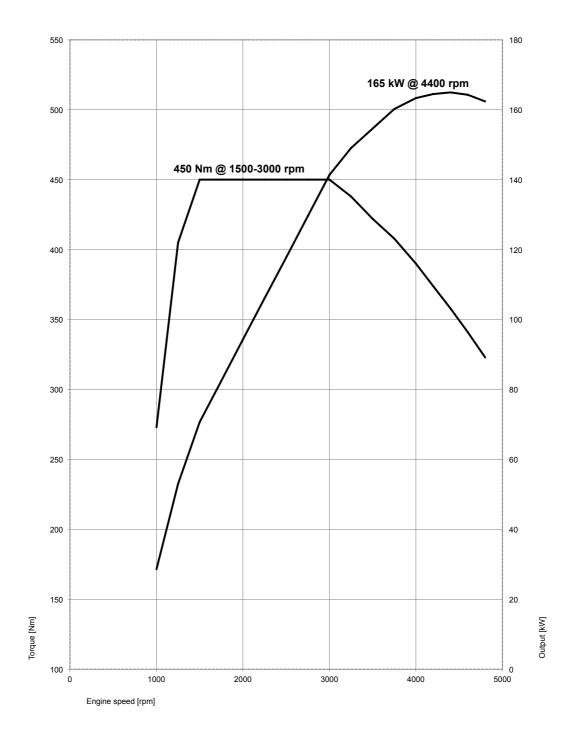




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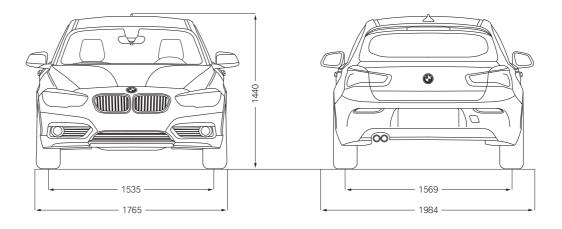


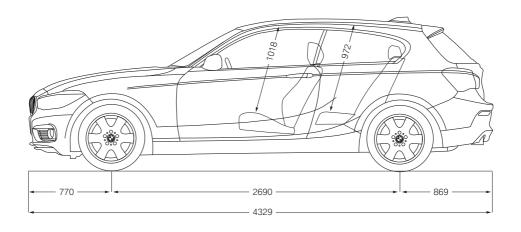


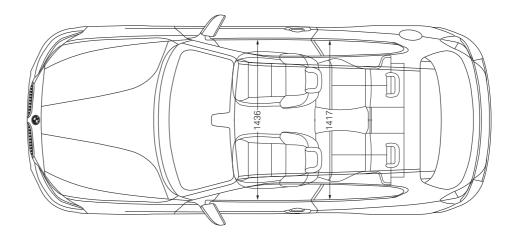


### 9. Exterior and interior dimensions. 3-door BMW 1 Series.









BMW Media information

