The new BMW 5 Series.



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1. The new BMW 5 Series.

(Short version)



Dynamic ability, comfort, efficiency, aesthetic allure and a profusion of innovations designed to enhance driving pleasure – the BMW 5 Series contains all the signature ingredients of a best-selling model at the premium end of the executive segment. Indeed, consistently rising sales figures have sealed its position as the global leader in its class. Over one million units of the BMW 5 Series Sedan, BMW 5 Series Touring and BMW 5 Series Gran Turismo – whose luxurious character has earned it a unique status in the segment – have been sold worldwide since the launch of the current generation. And now another new chapter in this impressive success story is poised to begin. Precise modifications to the cars' design, new engine variants and innovative additions to the range of available equipment as well as BMW ConnectedDrive technology all raise the appeal of the BMW 5 Series model family a notch higher still.

Design: precise modifications bring out its sporting character.

Additional contour lines for the surround of the BMW kidney grille and newly structured lower air intakes reinforce the sporting appearance of the new BMW 5 Series Sedan and new BMW 5 Series Touring. On both variants, the accentuated width of the rear end is underlined by an extra crease in the apron, as well as slim, sharply contoured and therefore even more striking rear lights.

The new BMW 5 Series Gran Turismo boasts a modified front apron exuding presence and solidity. Its redesigned rear end creates a longer and lower-to-the-ground impression. A three-dimensional surface design for the area around the licence plate holder and a chrome strip in the rear apron add further depth to its dynamic character.

Xenon headlights are fitted as standard on all models, while Adaptive LED Headlights take their place on the options list for the first time alongside LED fog lamps. Elsewhere, the side indicator lights are integrated into the exterior mirrors. Also new in the BMW 5 Series are the BMW Luxury Line and BMW Modern Line packages containing exclusive design and equipment features. And an M Sport package tailored to each model variant can also be specified.

Functionality and premium allure taken to a new level.

New details lend further refinement to the premium impression of the new

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BMW 5 Series' interior as well as another layer to its functionality. The Control Display of the standard-fitted iDrive operating system is now bordered in the Sedan and Touring by chrome trim. Added to which, the storage compartments and cup holders in the centre console of these models have increased in capacity.

A revised rear section increases the boot capacity of the new BMW 5 Series Gran Turismo by 60 litres to 500 litres. New exterior paint colours, light-alloy wheels, upholstery colours and interior trim elements for all the BMW 5 Series models enhance their appeal and increase the scope for individualisation.

Engines: setting the benchmark for driving pleasure, introducing fresh new routes to efficiency.

Faster, more economical, cleaner: all the variants of the BMW 5 Series come with a raft of optimised details. The result is reduced fuel consumption (in some cases significantly), yet with no drop-off in sporting ability. Indeed, some models actually offer improved performance. Plus, all the engine variants already meet the stipulations of the EU6 exhaust gas standard not due to come into force until September 2014. To this end, the diesel models come with nitrogen oxide-reducing BMW BluePerformance technology as standard.

In addition to Brake Energy Regeneration, the Auto Start-Stop function (also fitted in conjunction with the eight-speed automatic gearbox), Optimum Shift Indicator and ECO PRO mode, the suite of standard-fitted BMW EfficientDynamics technology now also includes a coasting mode (which disengages the powertrain), Proactive Driving Assistant to adjust the car's speed ahead of a change in speed limit, and the ECO PRO Route function, which can be selected via the optional Navigation system Professional. Meanwhile, extensive optimisation of the cars' aerodynamics – the drag coefficient (Cd factor) of the BMW 520d Sedan, for example, has been reduced to 0.25 – is one of the key factors in the latest advances made by the engineers in the area of efficiency.

The market launch of the new BMW 5 Series model family also heralds an expansion of its engine range. For instance, the BMW 518d has been added to the line-up as a new entry-level diesel variant. Its four-cylinder diesel with BMW TwinPower Turbo technology and 105 kW/143 hp can be ordered for both the new BMW 5 Series Sedan and the new BMW 5 Series Touring. Like the BMW 520d Sedan, the BMW 518d Sedan records impressive average fuel economy in the EU test cycle of 4.5 litres per 100 kilometres (62.8 mpg imp) and CO_2 emissions of 119 grams per kilometre. And the model range now also includes the BMW 520d xDrive in both Sedan and Touring guises. This increases the number of models equipped with the

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intelligent all-wheel-drive system to seven (in the case of the BMW 5 Series Touring) and eight (for the BMW 5 Series Sedan). Four engine variants of the new BMW 5 Series Gran Turismo can likewise be combined with xDrive.

The top-of-the-line engine available for all members of the new BMW 5 Series model family is a new V8 unit with BMW TwinPower Turbo technology developing 330 kW/450 hp. The range of power plants available for the new BMW 5 Series Sedan and new BMW 5 Series Touring now comprises four petrol and six diesel units, and also encompasses two BMW M Performance Automobiles – the BMW M550d xDrive Sedan and BMW M550d xDrive Touring. Customers opting for the new BMW 5 Series Gran Turismo can choose from two petrol power plants and three diesels.

Further improvements have also been made to the intelligent energy management of the BMW ActiveHybrid 5. The full-hybrid Sedan now comes with a specially tweaked version of the Proactive Driving Assistant, whose talents include adapting the interplay between the combustion engine and electric motor to the route ahead.

The cars' chassis technology – which includes a double-wishbone front axle, integral rear axle and Electric Power Steering with standard Servotronic function – has been further honed to deliver an unrivalled balance between sporting performance and ride comfort. The BMW 5 Series Touring and BMW 5 Series Gran Turismo come as standard with air suspension, including automatic self-levelling at the rear axle. The Driving Experience Control switch on the centre console is standard on all models. Dynamic Damper Control, M Sport suspension and the Adaptive Drive and Integral Active Steering systems unmatched by any rivals can be specified as options.

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More innovative than ever: optional equipment and BMW ConnectedDrive.

The host of innovations included on the options list and in the range of BMW ConnectedDrive technology allow the new BMW 5 Series model family to underline its standout position in the areas of connectivity, infotainment, convenience and safety. For example, the function of the optional Comfort Access system, which allows the tailgate to be opened hands-free, has been extended to include a closing mechanism, which means that a movement of the foot under the rear apron can now be used to prompt the tailgate to close as well as open. In addition, the new BMW 5 Series offers customers a new rear-seat entertainment system with tablet-style displays, a Harman Kardon Surround Sound system and a new version of the ambient light option with a facility which allows the interior lighting to be alternated in tone between orange and white.

The range of BMW ConnectedDrive business solutions and driver assistance systems is more advanced and richer in variety than ever. The BMW 5 Series enables a scope of intelligent connectivity unique in the marketplace, allowing it to set the benchmark for in-car use of office applications.

Alongside the globally unrivalled Concierge Service for hotel reservations and a selection of other services, BMW ConnectedDrive also offers an unusually extensive suite of office functions, including internet-based services. The dictation function, for example, provides a convenient way of entering text for SMS messages and emails during a journey. The array of search, travel, office and social media services can be accessed via the car's integrated SIM card or the customer's smartphone. And Online Entertainment sees BMW bringing internet-based flat rate music services directly into the car.

The optional Navigation system Professional makes use of an optimised menu display and allows access to Real Time Traffic Information. A new controller with a touch-sensitive surface now allows the use of characters to program in a destination or access other functions of the iDrive operating system. BMW offers Intelligent Emergency Call as standard in a large number of markets.

The BMW 5 Series builds on its leading position in the field of driver assistance systems with the introduction of the glare-free High Beam Assistant and the BMW Night Vision system, which includes human and animal detection and the Dynamic Light Spot function. From November 2013, the optional Traffic Jam Assistant will also be on hand to make life easier for the driver, significantly increasing the scope for relaxation in monotonous motorway tailbacks. This system automatically keeps the car in the same lane,

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even when the road bends around a corner. It is part of the Driving Assistant Plus option, which also includes Active Cruise Control with Stop & Go function and Collision Warning with braking function. The cruise control function, underpinned by radar sensors and a camera, reacts with even greater precision to the driving situation at hand and also to stationary objects. Another feature available for the Sedan and Touring from November 2013 is the fully automatic Parking Assistant.

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2. The BMW 5 Series Sedan, BMW Touring and BMW 5 Series Gran Turismo: A global success story.



- The BMW 5 Series: global market leader in the segment with constantly rising sales figures.
- Outstanding reputation thanks to award-winning design, exceptional efficiency and unique innovations.
- Most successful model generation since the introduction of the BMW 5 Series in 1972.

Global bestseller, winner of a string of comparison tests and "Germany's favourite car" – the BMW 5 Series represents a quite unique success story. Its sales figures, the verdicts of experts and the response of the public make a compelling narrative. And now the BMW 5 Series Sedan, BMW 5 Series Touring and BMW 5 Series Gran Turismo are preparing to build on their standout presence in the world's car markets with the help of cutting-edge technological innovations and sensitively modified design features. The introduction of the new BMW 5 Series provides the latest highlight in the development of the company's longest-serving model family; the BMW 5 Series has been a fixture in the BMW portfolio since 1972 – longer than any other current model. It didn't take the 5 Series long to establish itself as a paragon of driving pleasure and aesthetic appeal in its segment. And today it can add efficiency and innovation to the list of disciplines in which it leads the way in the executive car market.

The BMW 5 Series Sedan currently rolling off the assembly line is the sixth-generation model. An impressively harmonious balance between sporting flair and elegance has been a defining feature of the four-door variant since it first made the leap from the drawing board to the road and went on to become the most popular executive car in one market after the next. Entering the fray in 1991 and now in its fourth generation, the BMW 5 Series Touring blends hallmark BMW dynamics and all-embracing comfort with a variable-usage cargo area designed to meet the requirements of a wide range of activities. And the BMW 5 Series Gran Turismo, unveiled in 2009, has seen BMW introduce drivers to an all-new type of car. Its extravagant design represents the expression of sports performance, luxurious long-distance comfort and versatility.

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Global market leader: BMW 5 Series defends its leading position in the world's car markets.

To date, over 6.6 million BMW 5 Series cars have left the factory. And the current BMW 5 Series is in excellent shape to surpass the record set by the highly successful last two generations, each of which sold in excess of 1.4 million units. A total of more than one million units of the current BMW 5 Series Sedan have been delivered to customers since the sales launch of the 5 Series in March 2010. No other generation has bettered these sales figures over such a short period of time.

The BMW 5 Series defended its leading position as the best-selling car in its class in supreme style once again last year, further extending its upward curve of constantly rising sales figures since its market launch.

Soaking up acclaim around the world: BMW 5 Series earns top ratings, wins design awards, heads readers' surveys.

The quality and popularity of the BMW 5 Series are reflected in the host of prizes and distinctions awarded to the members of the model family around the world. In early 2013 the BMW 5 Series secured class victory – for the third year in succession – in the readers' survey "The Best Cars" conducted by the German motoring magazine "auto, motor und sport". This success came not long after the BMW 520d EfficientDynamics Edition with BMW BluePerformance technology had been voted "Car of the Future" and awarded the ADAC automobile association's "Yellow Angel". The BMW 5 Series as a whole had been named "Germany's favourite car" in the same competition in 2011.

In addition to the red dot award, iF Product Design Award and Design Award of the Federal Republic of Germany, the BMW 5 Series has also picked up a notable collection of international distinctions in recognition of its successful exterior design. Beyond these, the BMW 5 Series has been voted "Car of the Year", "Best Car", "Premium Car of the Year", "Family Car of the Year" and "Executive Car of the Year" in various countries.

This broad spread of qualities has been recognised with a swathe of impressive ratings elsewhere as well. German car journal "Auto Bild" crowned the BMW 525d Touring "Value Champion 2012" on account of its high value retention in the used car market. The title had been awarded to the BMW 520d Sedan the previous year. And the BMW 5 Series emerged from both the Euro NCAP and the US NCAP crash tests with the highest rating of five stars. It was also the first vehicle to achieve a 100 per cent score in the Safety Assist category of the Euro NCAP crash tests.

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3. Design and body: Timeless elegance, cutting-edge functionality and made-to-measure luxury.



- Precise modifications emphasise the sporting allure of the Sedan and Touring.
- New rear-end treatment for the BMW 5 Series Gran Turismo: more elegance, more dynamism, more storage capacity.
- The personal touch: BMW Luxury Line and BMW Modern Line.

Instantly captivating and enduringly compelling, the aesthetic qualities of the BMW 5 Series models have secured sales success around the globe and a wealth of awards and distinctions. "We haven't completely redesigned the BMW 5 Series, we've just given its character a slightly sharper sporting edge," says exterior designer Won Kyu Kang, describing the modifications made to the BMW 5 Series Sedan and BMW 5 Series Touring.

The BMW 5 Series Sedan and BMW 5 Series Touring: sporting contours for the front end, xenon headlights as standard.

Sporting elegance is the standout characteristic of the BMW 5 Series Sedan and BMW 5 Series Touring. Their design is defined by the hallmark BMW proportions created by a long bonnet, long wheelbase, short overhangs and set-back passenger compartment. At the front end, additional contour lines for the BMW kidney grille surround and the restructured lower air intake accentuate the car's sporting appearance. All the variants of the new BMW 5 Series model family are fitted with xenon headlights as standard.

Joining the LED fog lamps on the options list are Adaptive LED Headlights. Here, both the dipped and main beams are generated by LED units positioned on horizontal ribs in the centre of the two light rings, which are levelled off at the bottom. Sweeping chrome inserts with engraved BMW lettering add the finishing touches to the distinctive and extremely high-class appearance of the Adaptive LED Headlights. The side indicators are now integrated into the exterior mirrors on all new BMW 5 Series models. And the Sedan and Touring have newly structured rear lights with particularly thin and strikingly contoured LED light strips. These lights and an additional crease in the rear apron emphasise the wide track of both models.

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New BMW 5 Series Gran Turismo: powerful presence at the front, dynamic elegance at the rear.

The BMW 5 Series Gran Turismo combines signature BMW proportions with an innovative body concept. The elegantly stretched coupé roofline, four doors with frameless windows and a high-opening tailgate exude sporting intent, luxurious long-distance comfort and extensive variability. Carefully targeted modifications to the car's design shine an even brighter spotlight on its unmistakable character, which meets the highest standards across an extremely wide spectrum.

A new air intake highlights the powerful presence of the BMW 5 Series Gran Turismo's front end. The tailgate, meanwhile, has been extended rearwards and gives the roofline's transition into the rear an even more harmonious appearance. All of which allows the car as a whole to cut a lower-slung and dynamically stretched figure. These sharpened contours have also had a positive effect on the boot capacity of the new BMW 5 Series Gran Turismo, which has been increased by 60 litres to 500 litres.

Horizontally structured and three-dimensional surfaces play a defining role in the new look of the rear end. Vibrant light and shade effects around the licence plate mount, a dynamically sweeping crease extending into the flanks and a chrome trim strip in the rear apron give the tail end a lighter and sportier feel. This impression is reinforced by the new outline of the two-section rear lights. Their horizontal layout is accentuated internally by a light design distilled into two LED light strips.

Interior: each model variant offers its own take on long-distance comfort, variability and a luxurious ambience.

New details inside all the cars in the new BMW 5 Series provide a refined premium impression and increased functionality. In all models the Control Display of the standard iDrive operating system is now bordered on both sides by high-quality chrome trim strips. And the storage compartments and cup holders in the centre console of the Sedan and Touring now have increased capacity.

Generous levels of space, exquisite materials and high-quality workmanship all contribute to the premium ambience characteristic of the BMW 5 Series model family, as do exclusive interior design details like the standard iDrive and the black-panel technology of the instrument cluster and automatic climate control system's display.

The iDrive Controller can be ordered as an option with a touch-sensitive surface allowing character recognition. For example, a destination can be

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programmed into the navigation system by spelling out the desired address using finger movements on the Controller's surface. The existing "Speller" in the Control Display can also be used to this end, and the driver can alternate freely between the two operating methods while entering a command.

Another option unique in this segment is the multifunction instrument display designed to enhance driving pleasure. This 10.25-inch TFT cockpit screen takes its cues from the Driving Experience Control mode selected. Varying graphics and colour schemes ensure clear differentiation. In COMFORT mode the instrument display depicts a classical combination of four circular instruments. A magnifying glass function highlights the car's current speed and revs. In ECO PRO mode the rev counter morphs into an EfficientDynamics display, which indicates how efficiently you are driving. In SPORT mode the speedometer shows the car's speed digitally in the form of a large central figure, while the gear currently engaged is displayed in the centre of the rev counter.

The new BMW 5 Series Sedan underlines its qualities as a mile-devouring car for business use or trips away with its high level of long-distance comfort for all passengers. What's more, its boot can hold 520 litres of cargo.

For those with further-reaching requirements when it comes to load capacity, the BMW 5 Series Touring will be the model of choice. An array of individual solutions lends the Touring a level of functionality and variability unmatched in its segment. Even when all the seats are in use it offers 560 litres of boot capacity, which can be expanded to as much as 1,670 litres as the occasion demands. The rear seat backrests split 40:20:40 as standard and can also be ordered with an adjustable tilt angle as an option. A pair of levers in the load compartment allows the folding-down process for the backrests to be initiated from the boot, and their approach into a horizontal position is now cushioned slightly to settle them into place. The load compartment cover is automatically lowered when the tailgate is closed. Plus, the tailgate of the BMW 5 Series Touring comes as standard with a Soft Close Automatic function and a rear window that can be opened separately from the tailgate itself, flipping up automatically at the touch of a button.

BMW 5 Series Gran Turismo: the perfect combination of luxurious long-distance comfort and versatility.

The BMW 5 Series Gran Turismo offers an unmatched blend of luxurious long-distance comfort and versatility, fusing the imposing elegance of a Sedan with the variable-usage interior of a Touring model and the versatility of a Sports Activity Vehicle. Its seating position – slightly raised to a height somewhere between that offered by a sedan and an SAV – allows particularly comfortable

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entry and exit. Rear passengers can enjoy legroom and headroom normally the preserve of luxury cars. The rear seats slide forward by 73 millimetres and the angle of their backrests can be adjusted through 33 degrees. When released from its locked position, the partition behind the rear seats follows the longitudinal movements of the seats, allowing boot capacity to grow from 500 to 650 litres. The partition and rear seat backrests can be split 40:20:40. Folding down all the elements and moving the rear seats all the way forward allows the Gran Turismo to reveal its maximum 1,750 litres of load capacity. To load items into the boot, one can either open the full, high-opening tailgate or a separate boot lid below the rear window. Similarly to a sedan, this smaller opening allows access to the load area without disturbing rear seat passengers.

Automatic tailgate operation comes as standard on the BMW 5 Series Touring and BMW 5 Series Gran Turismo and is also available as an option for the BMW 5 Series Sedan. The function of the optional Comfort Access system that allows the tailgate to be opened hands-free has been extended – for all members of the new BMW 5 Series model family – to include a closing mechanism, which means that a movement of the foot under the rear apron can now be used to prompt the tailgate to close as well as open. After unloading items from the boot, customers can therefore also close the tailgate without having to put down the items they're holding.

New to the BMW 5 Series: BMW Lines offer detailed personalisation.

BMW 5 Series customers can choose from a wide selection of exterior paint colours. New additions to the range – and available for all models – are Calisto Grey metallic, Jatoba metallic, Mineral White metallic and Glacier Silver metallic. New variants have also been added to the line-up of optional lightalloy wheels.

Exclusively composed BMW Lines are now available for the first time to all members of the new BMW 5 Series model family as an alternative to standard specification. Customers can choose between the BMW Luxury Line and BMW Modern Line design packages, which shine the spotlight on selected facets of the car's character to great effect. Both Lines include LED fog lamps, 18-inch (BMW 5 Series Gran Turismo: 19-inch) light-alloy wheels, B-pillar trim and exterior mirror bases in high-gloss black, illuminated door pulls with chrome trim and likewise illuminated door sill strips with aluminium inserts bearing BMW lettering. Luxury / Modern badges can be found on the front side panels.

The BMW Luxury Line exudes a high level of elegance and exclusiveness thanks to a carefully assembled selection of further particularly high-class

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features for the exterior and interior. The chrome finish of the trim bars in the outer sections of the lower air intake, the fronts of the black kidney grille slats, the window recess finishers, the trim strip in the rear apron and the exhaust tailpipe embellishers all add gleaming touches. Leather upholstery with exclusive stitching, a black sports leather steering wheel and interior trim strips in exquisite Fineline anthracite wood create a particularly refined interior ambience.

The BMW Modern Line package displays a strikingly contemporary and dynamic edge. The air intake bars, kidney grille slats, rear trim strip and tailpipe embellishers come in matt chrome, and the instrument panel and sports leather steering wheel can be specified as an option in the light colour shade Oyster. Interior trim strips in dark Pearl and exclusive stitching for the optional leather upholstery ensure the interior creates an eye-catching impression.

All variants of the new BMW 5 Series can also be ordered with a model-specific M Sport package, further increasing the scope for individualisation.

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4. Powertrain and chassis: The perfect balance of dynamics and comfort.



- Powertrain diversity: up to four petrol engines and six diesels producing 105 kW/143 hp to 330 kW/450 hp; new xDrive models.
- State-of-the-art chassis technology and Driving Experience Control switch as standard; BMW 5 Series Gran Turismo boasts a particularly comfort-biased set-up.
- Unique in the segment: Integral Active Steering, Adaptive Drive.

The appeal of Sheer Driving Pleasure in a premium executive class car is set to grow even further in both strength and reach with the launch of the new BMW 5 Series model family. The host of optimised details included in all variants of the new BMW 5 Series have led to (in some cases significantly) reduced fuel consumption, but with no drop-off in sporting ability. Indeed, some models now actually offer improved performance. Added to which, all engine variants now meet the stipulations of the EU6 exhaust gas standard.

A new entry-level diesel variant, additional models equipped with xDrive all-wheel drive and an even more powerful yet also more efficient range-topping V8 power plant join the action, completing an engine line-up that now covers an output spectrum from 105 kW/143 hp to 330 kW/450 hp. The new BMW 5 Series Sedan and new BMW 5 Series Touring can be specified with a choice of four petrol and six diesel engines. Beyond this, the Sedan also comes in BMW ActiveHybrid 5 full-hybrid and BMW M5 high-performance guise. The engine line-up for the new BMW 5 Series Gran Turismo comprises two petrol units and three diesels.

The cutting-edge chassis technology underpinning all the models in the BMW 5 Series family delivers a balance of dynamic performance and ride comfort without precedent in this market segment, while the Electric Power Steering system comes with Servotronic speed-sensitive power assistance as standard. The BMW 5 Series Touring and BMW 5 Series Gran Turismo are also fitted as standard with automatic self-levelling air suspension at the rear axle. Among the options available for all members of the BMW 5 Series family are the Integral Active Steering and Adaptive Drive systems, which no other model in this segment offers. Targeted enhancements of acoustic and suspension comfort in the BMW 5 Series Gran Turismo, meanwhile, lend even further emphasis to its role as the supreme long-distance specialist of

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the line-up. The Sedan and Touring have likewise made notable advances in these areas.

An efficient start: new entry-level diesel engine for the Sedan and Touring.

BMW TwinPower Turbo technology ensures an exemplary balance of driving pleasure and fuel consumption across the engine range. In the new entry-level diesel engine, which powers the BMW 518d Sedan and BMW 518d Touring, this package of technology consists of a turbocharger with variable inlet geometry and common rail direct injection with solenoid valve injectors. The 2.0-litre engine develops a maximum output of 105 kW/143 hp, generates peak torque of 360 Newton metres (266 lb-ft) and accelerates the new BMW 518d Sedan from 0 to 100 km/h (62 mph) in 9.6 seconds. The four-cylinder unit burns an average 4.5 – 4.9 litres of fuel per 100 kilometres (equivalent to 62.8 – 57.7 mpg imp) in the EU test cycle (CO₂ emissions: 119 – 129 grams per kilometre, depending on the gearbox and tyre format specified).

The selection of diesel power plants available for the Sedan and Touring includes two four-cylinder variants – fitted in the BMW 520d producing 135 kW/184 hp and the BMW 525d with 160 kW/218 hp – and three six-cylinder units. With average fuel consumption in the EU test cycle of 4.5 litres per 100 kilometres (62.8 mpg imp) and CO_2 emissions of 119 grams per kilometre, the new BMW 520d matches the figures of the 520d EfficientDynamics Edition it replaces.

Further up the range, the BMW 530d develops 190 kW/258 hp and the BMW 535d produces 230 kW/313 hp. And rounding off the line-up are two M Performance cars: the BMW M550d xDrive Sedan and BMW M550d xDrive Touring. They also use a 3.0-litre straight-six engine deploying M TwinPower Turbo technology with three turbochargers to deliver unrivalled peak output of 280 kW/381 hp and maximum torque of 740 Newton metres (546 lb-ft). Three diesel engines are available for the new BMW 5 Series Gran Turismo, powering the BMW 520d Gran Turismo, BMW 530d Gran Turismo and BMW 535d Gran Turismo.

Even more powerful, even more efficient: the V8 engine for the BMW 5 Series.

The new generation of the V8 engine with BMW TwinPower Turbo technology for the BMW 5 Series model family takes to the stage armed with a 10 per cent rise in output yet also significantly reduced fuel consumption. The eight-cylinder unit, found under the bonnet of the BMW 550i Sedan, BMW 550i Touring and BMW 550i Gran Turismo, now also combines its two twin-scroll turbochargers and High Precision Direct Injection with VALVETRONIC fully

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variable valve control. The power plant generates 330 kW/450 hp and maximum torque of 650 Newton metres (479 lb-ft) from its 4.4-litre displacement. The new BMW 550i Sedan, for example, sweeps from 0 to 100 km/h (62 mph) in just 4.6 seconds. Its average fuel economy in the EU test cycle stands at 8.6-8.8 litres per 100 kilometres (32.9 – 32.1 mpg imp). CO_2 emissions come in at 199-206 g/km, depending on the tyre format specified.

As well as the BMW 535i Sedan and BMW 535i Touring models, the multi-award-winning straight-six with 225 kW/306 hp also powers the BMW 535i Gran Turismo. A pair of four-cylinder petrol engines is likewise available for the Sedan and Touring. The engine powering the BMW 520i develops 135 kW/184 hp, while the unit offered for the BMW 528i from the launch of the new BMW 5 Series boasts revisions to various details and delivers 180 kW/245 hp.

The Sedan and Touring variants of the BMW 520i, BMW 528i, BMW 535i, BMW 518d, BMW 520d and BMW 525d are fitted with a six-speed manual gearbox as standard. Each of those models can also be specified as an option with the extremely fast and precise, not to mention extraordinarily efficient, eight-speed automatic transmission provided as standard for the BMW 550i, BMW 530d and 535d, as well as all variants of the BMW 5 Series Gran Turismo. The eight-speed automatic now comes with a coasting function and can also be ordered with shift paddles on the steering wheel. Shift paddles are also included with the eight-speed sports automatic transmission, a standard feature of the BMW M550d xDrive, which stands out with its ultra-impressive shift dynamics.

Additional models with BMW xDrive intelligent all-wheel drive.

The selection of engine variants that can be combined with the BMW xDrive intelligent all-wheel-drive system has also been expanded. The BMW 520d xDrive Sedan and BMW 520d xDrive Touring are both new additions to the range, the electronically controlled distribution of drive between the front and rear axle giving them a noticeable increase in traction and directional stability, not to mention an even sharper dynamic edge through quickly taken corners.

All-wheel drive is also available as an option for the Sedan and Touring versions of the BMW 528i, BMW 535i, BMW 525d, BMW 530d and BMW 535d, and the BMW 550i Sedan. The M Performance cars channel the power from their six-cylinder diesel engines through all four wheels as standard. All the models in the BMW 5 Series Gran Turismo line-up – with the exception of the BMW 520d – can be ordered with xDrive.

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State-of-the-art chassis technology delivers dynamics and comfort to order.

The fine-tuning carried out on the chassis for the new BMW 5 Series models makes for an even more assured conversion of engine power into dynamic performance and ride comfort. Both the double-wishbone front axle and the integral rear axle are made largely from aluminium. They allow the spring and damper systems to respond with great precision to inconsistencies in the road surface and ensure optimum road holding at all times. The overall result is a balance between sporting ability and ride comfort that no rival can better. What's more, the car's set-up can be adapted to suit individual needs or the driving situation at hand using the standard-fitted Driving Experience Control switch on the centre console. Pressing the button changes the driving mode, altering the responses of the accelerator and steering, as well as – if fitted – the shift characteristics of the automatic gearbox and the settings of the electronically controlled dampers.

The optional Dynamic Damper Control system adapts electronically to both the condition of the road and the driver's style. And the car's driving characteristics are further enhanced by the Adaptive Drive system, which includes active roll stabilisation. Electronically controlled anti-roll bars help to reduce the car's body roll through quickly taken corners and in sudden changes of direction, for example. M Sport lowered suspension is also available as an option.

In addition to controlling the amount of speed-dependent steering assistance generated and regulating the steering angle of the front wheels, Integral Active Steering also adjusts the steering angle of the rear wheels. This system imbues the car with impressive agility in dynamic driving situations, comfortable and assured reactions when changing lanes and through corners, and optimised manoeuvrability through tight bends and in city traffic.

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5. BMW ConnectedDrive in the new BMW 5 Series: Unique innovations for enhanced safety, convenience and infotainment.



- Intelligent connectivity secures leading role in mobile business applications and infotainment.
- BMW Parking Assistant with fully automatic mode.
- Driving Assistant Plus with Traffic Jam Assistant.

The intelligent link-up of the driver, vehicle and outside world enters a globally unique dimension in the new BMW 5 Series model family. The range of onboard BMW ConnectedDrive technology expands on an already impressive network of driver assistance systems and mobility services designed to enhance safety, convenience and in-car infotainment. The new additions see the BMW 5 Series consolidating its leading role in the field of mobile business applications and internet-based infotainment.

The BMW ConnectedDrive range of products and services has also benefited from focused development work in the area of driver assistance systems. Among the latest innovations are systems that relieve the stress on the driver in situations such as traffic tailbacks or slow-moving traffic and provide even greater assistance with parking manoeuvres.

BMW ConnectedDrive: outstanding connectivity for business, touring and infotainment.

A SIM card fitted in the car, the extensive integration of smartphones and an array of innovative BMW ConnectedDrive functions open up new avenues for mobile communication and the use of online services in the BMW 5 Series. These features take the convenience and variety offered by the in-car office applications, navigation capability and infotainment to an unrivalled level. A hands-free facility with USB connection comes as standard on all new BMW 5 Series models.

A suite of office functions turns the BMW 5 Series into a mobile workplace – underpinned by either the customer's mobile phone or the car's integrated SIM card. Emails, appointments, contacts, calendar entries and notes are displayed on the cockpit's central screen. A dictation function converts notes spoken by the driver into written text, which can then be stored and sent out by SMS or email.

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BMW Apps guide the user through the large and ever increasing number of services, which can be accessed using the customer's phone or internet connection. A unique feature worldwide is the Concierge Service, which BMW ConnectedDrive customers can use, for example, to make hotel bookings, search for addresses and telephone numbers or look up opening times. Also available are the remote functions from BMW ConnectedDrive, in-car internet usage and the online entertainment option offering a selection of some 12 million music tracks. BMW Apps includes features such as a web radio function, access to your Aupeo! personalised music library and in-car use of Facebook and Twitter. This service is constantly expanding to include new apps, which can be uploaded into the car via the SIM card or a smartphone. The car's integrated SIM card also forms the basis for the Intelligent Emergency Call function offered as standard in numerous markets. If the optional Navigation system Professional is specified, customers can also make use of the Real Time Traffic Information option, which keeps the driver supplied with extremely precise traffic alerts and congestion reports in real time.

Unsurpassed variety, new functions: BMW ConnectedDrive driver assistance systems.

The range of BMW ConnectedDrive driver assistance systems is now also more forward thinking and richer in variety than ever. The introduction of the glare-free High Beam Assistant, plus BMW Night Vision with Dynamic Light Spot and person and animal recognition, enhances safety when driving at night. The new generation of the High Beam Assistant creates optimal visibility at all times without any input required from the driver. The system uses a camera fitted into the rear-view mirror to identify vehicles travelling up to 400 metres (approx. ¼ mile) in front. Oncoming traffic is picked up when it is still 1,000 metres (just under ¾ mile) away. With the High Beam Assistant activated, the headlights are partially masked as and when required in order to eliminate the danger of dazzling vehicles as they draw closer.

BMW Night Vision also boasts new functions. The system is supplied with data by a thermal imaging camera mounted to the front of the vehicle. It provides a real-time video image in the Control Display showing people, animals and anything else that radiates heat even if they are located outside the area illuminated by the headlights. In addition, a control unit analyses the stream of video data, looking for pedestrians, cyclists and animals that are potentially on a collision course with the vehicle. The driver is alerted to such a situation by a symbol in the instrument cluster and the optional Head-Up Display. The urgent warning function adds an audible signal. Dynamic Light Spot is a special headlight, which directs a beam of light onto the people or

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animals detected by BMW Night Vision, providing the driver with an additional hazard alert.

Driving Assistant and Traffic Jam Assistant: increased safety and comfort in congestion and city traffic.

The new Driving Assistant option combines Lane Departure Warning and Collision Warning with a braking function. If the system detects an unintentional deviation from the vehicle's path, the steering wheel vibrates to warn the driver. The system can be used at speeds of at least 70 km/h (43 mph) and its camera also supplies the data required for the Collision Warning with braking function. This function can be activated at speeds of at least 15 km/h (9 mph) and uses visual and audible alerts to warn the driver of the danger of a collision with vehicles travelling ahead. The car's brakes are preloaded at the same time to shorten its potential stopping distance.

Driving Assistant Plus provides even more extensive assistance. This system brings together Active Cruise Control with Stop & Go function and the Driving Assistant to ensure, first and foremost, greater comfort and safety in slow-moving traffic and tailbacks. The driver can delegate proximity control duties to the system. The combination of a front-mounted camera and full-range radar sensors detects both vehicles travelling in front and stationary vehicles. If the driver does not react to the warning of a looming rear-end collision, Driving Assistant Plus automatically brakes the vehicle with anything up to maximum possible force, as required.

A Traffic Jam Assistant function is due to be added to Driving Assistant Plus in November 2013. At speeds of up to 40 km/h (25 mph) this function monitors both the distance to the vehicle in front and the car's position within its lane. The Traffic Jam Assistant uses steering assistance to keep the vehicle reliably in the centre of the lane.

Fully automatic BMW Parking Assistant offers an even more comprehensive helping hand.

Another innovation due to become available in November 2013 for the new BMW 5 Series Sedan and new BMW 5 Series Touring is the fully automatic BMW Parking Assistant. The new version of the system not only carries out the steering movements required for reverse parallel parking, but also operates the accelerator and brake pedal. All of which means the BMW 5 Series can glide into the selected parking space fully automatically.

New functions have also been added to the Active Protection option. In critical situations this package of safety features deploys an array of measures to help mitigate the consequences of a possible accident. To this end, the car's side

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windows and sliding sunroof (if fitted) are closed, the front seatbelts are pulled tight and the front passenger seat backrest is raised into an upright position. Active Protection now also includes the Attentiveness assistant, which analyses driving behaviour and, if necessary, suggests the driver takes a break.

Intelligent Emergency Call with automatic position finding and accident severity recognition is part of the standard specification in a large number of markets and provides fast and appropriate assistance in the event of a collision. BMW took the lead in the marketplace with this system around 15 years ago, and the latest generation sends important information – such as the car's precise location, its chassis number, vehicle type and colour, and the data collected by sensors positioned around the car – to the BMW call centre in the event of a crash. This information confirms how many people are in the car and which airbags have been deployed, and indicates the intensity of the impact.

Looking good: Head-Up Display, Speed Limit Info, Lane Change Warning, Surround View.

The latest innovations in the BMW ConnectedDrive portfolio add further depth to the already exceptionally wide range of driver assistance systems on board the BMW 5 Series. Highlights include the full-colour BMW Head-Up Display, which now also projects telephone contacts and entertainment programme listings onto the windscreen, Speed Limit Info with No Passing Info, and Lane Change Warning.

The optional rear-view camera and Surround View help to provide a better overview of the area around the car and the road ahead. In addition to the rear-view camera and the Park Distance Control sensors, Surround View also makes use of two cameras in the exterior mirrors and shows a bird's-eye view of the car and the area around it on the Control Display. The system also includes the Side View function, which assists the driver when pulling out from narrow and concealed gateways or car park exits. Two cameras integrated into the front bumper enable the driver to monitor cross-traffic.

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BMW EfficientDynamics for the new BMW 5 Series: Increasing driving pleasure, reducing fuel consumption.



- Outstanding efficiency in all output classes.
- Petrol and diesel engines meet EU6 exhaust gas standard.
- New and unique in the segment: coasting mode, Proactive Driving Assistant, ECO Pro Route.

The BMW 5 Series model family offers not only a case study in driving pleasure, but also a template for efficiency in the executive class. All the models in the line-up strike a balance between fuel consumption and performance none of its rivals can match. The new BMW 5 Series adds further weapons to the arsenal of technology deployed to reduce fuel consumption and emissions. Innovative powertrain management and energy management functions join optimised aerodynamic details in helping the BMW 5 Series to extend its lead in the efficiency race.

BMW TwinPower Turbo and BMW BluePerformance meet the challenges of the EU6 exhaust gas standard.

All the engines available for the new BMW 5 Series come with BMW TwinPower Turbo technology. And all the members of the new 5 Series family already fulfil the stipulations of the EU6 exhaust gas standard due to come into force in September 2014. The diesel models meet the restrictions on nitrogen oxide emissions set out by the standard through extremely effective exhaust gas treatment. The BMW BluePerformance technology employed to this effect consists of either a nitrogen oxide storage catalytic converter or an SCR catalytic converter with urea injection, depending on the model.

Extensive BMW EfficientDynamics package includes innovative additions.

Like the manual gearbox fitted in the BMW 5 Series, the eight-speed automatic option also stands out with its remarkable efficiency. Indeed, the majority of 5 Series models burn even less fuel with the eight-speed automatic specified than when the same engine teams up with the manual gearbox. All the models in the BMW 5 Series line-up come as standard with features including the Auto Start-Stop function, Brake Energy Regeneration, the need-based operation of ancillary components, active air vents, Electric Power Steering and tyres with reduced rolling resistance. Elsewhere, modifications to the wheel arches and underbody panelling and a redesigned front apron contribute to further optimisation of the cars' aerodynamic properties. The

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result, among other things, is a reduction in the drag coefficient (Cd value) of the new BMW 520d to 0.25.

The standard-fitted Driving Experience Control switch can be used to activate ECO PRO mode, which tweaks the engine management, accelerator responses and shift characteristics of the automatic gearbox to help the driver keep revs low and burn as little fuel as possible. Plus, efficient power usage for electrically operated functions such as the climate control system and the seat and exterior mirror heating ensures efficient energy management. A coasting mode is now also available for the first time in conjunction with the optional automatic gearbox. In ECO PRO mode this function disengages the powertrain as soon as the driver takes his foot off the accelerator at speeds between 50 and 160 km/h (31 and 99 mph). This allows the car to glide along with no engine braking effect and burning only minimal amounts of fuel.

The optional Navigation system Professional also does its bit to assist efficient driving, presenting drivers with not only the quickest or shortest route to their destination, but also the ECO PRO Route – mapped out to keep fuel consumption particularly low. Another innovation making its debut in the new BMW 5 Series range is the Proactive Driving Assistant. With the navigation system's route guidance activated, this function advises the driver on the ideal moment to take his foot off the accelerator when approaching corners and speed-restricted areas in order to reduce fuel consumption. The BMW ActiveHybrid 5 comes with specially adapted versions of the coasting mode and Proactive Driving Assistant, helping customers to make maximum use of the car's pure electric driving potential.

 $\mathbf{B}\mathbf{M}\mathbf{W}$ Media information

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7. Technical Specifications. BMW 520i Sedan,

BMW 528i Sedan.



		BMW 520i	BMW 528i
Body			
No of doors/seats		4/5	4/5
Length/width/height ¹⁾ (unladen)	mm	4907 / 1860 / 1464	4907 / 1860 / 1464
Wheelbase	mm	2968	2968
Track, front/rear	mm	1600 / 1627	1600 / 1627
Ground clearance	mm	141	141
Turning circle	m	12.0	12.0
Tank capacity	app ltr	70	70
Cooling system incl heater	ltr	9.1 (9.3)	9.1 (9.3)
Engine oil ²⁾	ltr	5.75	5.75
Weight, unladen, to DIN/EU	kg	1595 / 1670	1610 / 1685
Weight, unladen, to DiWEO	ĸy	(1615 / 1690)	(1625 / 1700)
Max load to DIN	kg	610	610
Max permissible	kg	2205 (2225)	2220 (2235)
Max axle load, front/rear		1070 / 1280	1070 / 1280
Max trailer load (12%),	kg ka	1900 (2000) / 750	2000 / 750
braked/unbraked	kg	1300 (2000)1 130	20001130
Max roofload/max towbar dwnl	kg	100 / 90	100 / 90
Luggage comp capacity	ltr	520	520
Air resistance	Cd x A	0.25 x 2.35	0.26 x 2.35
Engine			
Config/No of cyls/valves		Straight-four / 4	Straight-four / 4
		BMW TwinPower Turbo	BMW TwinPower Turbo
Engine technology		with Twin-Scroll	with Twin-Scroll
		turbocharger,	turbocharger,
		direct injection and fully	direct injection and fully
		variable valve control	variable valve control
		(VALVETRONIC)	(VALVETRONIC)
Capacity, effective	CC	1997	1997
Stroke / bore	mm	90.1 / 84.0	90.1 / 84.0
Compression ratio	:1	10.0	10.0
Fuel grade		Min RON 91	Min RON 91
Max output	kW/hp	135 / 184	180 / 245
at	rpm	5000-6250	5000-6500
Max torque	Nm	270	350
at	rpm	1250-4500	1250-4800
Electrical System		2011	
Battery/installation	Ah/–	90 / luggage comp	90 / luggage comp
Alternator	A/W	170 / 2380	170 / 2380
Driving Dynamics and Safety			
Suspension, front			le with separate lower track arm level, aluminium, steering roll radius, anti-dive
Suspension, rear			aluminium, with steering function, anti-squat and e, double acoustic separation
Brakes, front			n swing-calliper disc brakes in frame structure
Diameter	mm	330 x 24 / inner-vented	348 x 30 / inner-vented
Brakes, rear			ston swing-calliper disc brakes
Diameter	mm	330 x 20 / inner-vented	330 x 20 / inner-vented
Driving stability systems		Standard: DSC incl ABS and	d DTC Dynamic Traction Control, CBC Cornering mic Brake Control, Dry Braking function, Fading
		, ,	f Assistant; optional: Dynamic Damper Control
Safety equipment		and front passenger, he inertia-reel belts on all sea	ver and front passenger, side airbags for driver ad airbags for front and rear seats, three-point ts with belt stopper, belt tightener and belt force activated headrests at the front, crash sensors, Tyre Defect Indicator
Steering			er Steering (EPS) with Servotronic;
Stooring transmission averall	:1	optioi 17.1	nal: Integral Active Steering 17.1
Steering transmission, overall Tyres, front/rear	.1	225/55 R17 97W	225/55 R17 97W
· ·			
Rims, front/rear		8J x 17 light-alloy	8J x 17 light-alloy

			BMW 520i	BMW 528i
Transmissio	n .			
Type of gearb			Six-speed manual (optional: eight-speed	automatic with Steptronic)
Gear ratios	I	:1	3.683 (4.714)	3.683 (4.714)
acai ratios	· i	:1	2.062 (3.143)	2.062 (3.143)
		:1	1.313 (2.106)	1.313 (2.106)
	IV	:1	1.000 (1.667)	1.000 (1.667)
	V	:1	0.809 (1.285)	0.809 (1.285)
	VI	:1	0.677 (1.000)	0.677 (1.000)
	VII	:1	- (0.839)	- (0.839)
	VIII	:1	- (0.667)	- (0.667)
	R	:1	3.348 (3.295)	3.348 (3.295)
Final drive	- 11	:1	3.909 (3.231)	3.909 (3.231)
Performanc	•			
Power-to-wei		kg/kW	11.8 (12.0)	8.9 (9.0)
Output per lit		kW	67.6	90.1
Acceleration	0–100 km/h	sec	7.9 (7.9)	6.2 (6.3)
Acceleration	0–100 km	sec	29.1 (29.2)	26.1 (26.2)
in 4th goor	80–120 km/h		7.5 / 10.5 (–)	6.2 / 8.3 (–)
in 4th gear Top speed	00-120 KITI/II	sec km/h	235 (233)	250 (250)
BMW Efficier standard feat	,	gea coa	e Energy Regeneration with recuperation arshift point indicator (on manual gearbox sting function (on automatic models), inte on-demand operation of ancillary clectric Power Steering (EPS), map-contro compressor, tyres with reduct	models), ECO PRO mode with elligent lightweight construction, units, air flap control, olled oil pump, detachable a/c
Fuel Consu	mption EU ³⁾			
		es: 8J x 17 wheels	s, 225/55 R17 tyres (2K1)	
Urban		ltr/100 km	8.4 (8.1)	8.8 (8.0)
Extra-urban		ltr/100 km	5.2 (4.7)	5.3 (5.0)
Combined		ltr/100 km	6.4 (6.0)	6.6 (6.1)
CO ₂		g/km	149 (139)	154 (142)
With 8J x 18	wheels and 245	/45 R18 tyres and	with winter tyres (2HM. 2K2, 931)	
Urban		ltr/100 km	8.7 (8.4)	9.1 (8.3)
Extra-urban		ltr/100 km	5.4 (4.9)	5.5 (5.1)
Combined		ltr/100 km	6.6 (6.2)	6.8 (6.3)
CO ₂		g/km	154 (144)	163 (147)
With 8J x 18 With 8.5J x 1	9 wheels at fron	9J x 18 at rear and t, 9J x 19 at rear a	d 245/45 R18 tyres at front, 275/40 R18 and 245/40 R19 tyres at front, 275/35 R19 nd 245/35 R20 tyres at front, 275/30 R20	at rear (2AH, 2DC, 2NC) 9 at rear (2K3, 2WC, 2MZ, 2ND)
Urban		Itr/100 km	9.0 (8.6)	9.4 (8.6)
Extra-urban		ltr/100 km	5.5 (5.1)	5.6 (5.3)
Combined		ltr/100 km	6.8 (6.4)	7.0 (6.5)

6.8 (6.4)

EU6

159 (149)

7.0 (6.5) 164 (152)

EU6

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

Emission rating

Insurance Category (Germany) KH / VK / TK

Combined

CO₂

ltr/100 km

g/km

 $^{^{1)}}$ Height with roof aerial: 1475 mm $^{2)}$ Oil change $^{3)}$ Fuel consumption and $\rm CO_2$ emissions depend on the selected tyre format $^{4)}$ Data not yet available

BMW 535i Sedan, BMW 550i Sedan.

		BMW 535i	BMW 550i
Body			
No of doors/seats		4/5	4/5
Length/width/height (unladen)	mm	4907 / 1860 / 1464	4907 / 1860 / 1464
Wheelbase	mm	2968	2968
Track, front/rear	mm	1600 / 1627	1600 / 1627
Ground clearance	mm	141	141
		12.0	12.0
Turning circle	m	70	70
Tank capacity	app ltr		
Cooling system incl heater	ltr	10.1 (10.2)	11.6
Engine oil ¹⁾	ltr	6.5	9.0
Weight, unladen, to DIN/EU	kg	1675 / 1750 (1690 / 1765)	1830 / 1905
Max load to DIN	kg	610	600
Max permissible	kg	2285 (2300)	2430
Max axle load, front/rear	kg	1100 / 1285	1195 / 1315
Max trailer load (12%), braked/unbraked	kg	2000 / 750	2000 / 750
Max roofload/max towbar dwnl	kg	100/90	100/90
	kg_ Itr	520	520
Luggage comp capacity		0.26 x 2.35	0.27 x 2.35
<u>Air resistance</u>	Cd x A	0.26 X 2.35	0.27 X 2.35
Engine Config/No of endo/volves		Ctroight air / 4	V00.10.17
Config/No of cyls/valves		Straight-six / 4	V90 / 8 / 4
Engine technology		BMW TwinPower Turbo, with Twin-Scroll	BMW TwinPower Turbo
		turbocharger,	with two turbochargers direct fuel injectior
		direct fuel injection	(High Precision Injection
		(High Precision Injection)	and fully-variable valve
		and fully-variable valve	control (VALVETRONIC
		control (VALVETRONIC)	oond or (vileve into into
Capacity, effective	CC	2979	4395
		89.6 / 84.0	
Stroke / bore	mm		88,3 / 89,0
Compression ratio	:1	10.2	10.0
Fuel grade		Min RON 91	min RON 91
Max output	kW/hp	225 / 306	350 / 450
at	rpm	5800	5500 – 6000
Max torque	Nm/lb-ft	400/295	650
at	rpm	5800 – 6000	2000 – 4500
Electrical System			
Battery/installation	Ah/–	90 / luggage comp	90 / luggage comp
Alternator	AW	170 / 2380	220 / 3080
, well at a second control of the second con	, , , , ,		
Driving Dynamics and Safet	у		
Suspension, front		ii ii	kle with separate lower track arm level, aluminium, steering roll radius, anti-dive
Suspension, rear		Integral-V multi-arm axle,	aluminium, with steering function, anti-squat and
Droken front			ve, double acoustic separation
Brakes, front			n swing-calliper disc brakes in frame structure
Diameter	mm	348 x 36 / inner-vented	374 x 36 / inner-vented
Brakes, rear			iston swing-calliper disc brakes
Diameter	mm	345 x 24 / inner-vented	345 x 24 / inner-vented
Driving stability systems		Brake Control, DBC Dyna	d DTC Dynamic Traction Control, CBC Cornering mic Brake Control, Dry Braking function, Fading
			art-Off Assistant; optional: Adaptive Drive
Safety equipment		and front passenger, he inertia-reel belts on all sea	ver and front passenger, side airbags for driver ad airbags for front and rear seats, three-point its with belt stopper, belt tightener and belt force
		limiter at the front, crash-	activated headrests at the front, crash sensors, Tyre Defect Indicator
Steering			er Steering (EPS) with Servotronic;
Ctooring treasuring in the second	4		nal: Integral Active Steering
Steering transmission, overall	:1	17.1	17.1
Tyres, front/rear		225/55 R17 97W	245/45 R18 96Y RSC
Rims, front/rear		8J x 17 light-alloy	8J x 18 light-alloy

			BMW 535i	BMW 550i
Tuonomioois				
Transmissio Type of gearl		Siv-er	peed manual (optional:	Eight-speed automation
Type of gears	30X		speed automatic with	with Steptronic
		Stept		with Groph of the
Gear ratios		:1	4.110 (4.714)	4.714
	ll l	:1	2.315 (3.143)	3.143
	III	:1	1.542 (2.106)	2.100
	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)	3.317
Final drive		:1	3,231 (3,077)	2.813
Performanc	:e			
Power-to-we	ight ratio	kg/kW	7.4 (7.5)	5.5
Output per lit		kW/hp	75.5	75.^
Acceleration	0–100 km/h	sec	5.8 (5.7)	4.6
	0–1000 m	sec	25.1 (25.5)	23.5
In 4th gear	80-120 km/h	sec	5.9 / 6.9 (–)	-
Top speed		km/h	250	250
DMW Efficia	entDynamics			
		Elec	demand operation of ancillar tric Power Steering (EPS), detachable roll resista	e a/c compressor, tyres with reduced
	=3)			
	mption EU ³⁾	2010 Ly 17 whools	s, 225/55 R17 tyres (BMW 535i), 8J x	10 wheels 245/45 D10 tyres (BMW)
550i)	a wrieers and tyre	es: 80 x 17 wheels	6, 225/55 RT7 tyres (bivivy 5351), 85 x	18 wrieels, 245/45 R 18 tyres (bivivi
Urban		ltr/100 km	11.0 (10.0)	11.8
Extra-urban		ltr/100 km	6.2 (5.6)	6.6
Combined		ltr/100 km	8.0 (7.2)	8.6
CO ₂		g/km	186 (169)	199
	wheels and 245		with winter tyres (2HM, 2K2, 931)	
Urban		ltr/100 km	11.3 (10.3)	-
Extra-urban		ltr/100 km	6.3 (5.8)	-
Combined		ltr/100 km	8.2 (7.5)	-
CO ₂		g/km	191 (174)	-
With 8J x 18	,	9J x 18 at rear and	d 245/45 R18 tyres at front, 275/40 R	. , , ,
			nd 245/40 R19 tyres at front, 275/35	
	o wrieeis at iron	·	nd 245/35 R20 tyres at front, 275/30	<u> </u>
Urban Extra urban		ltr/100 km	11.6 (10.6)	12.0
Extra-urban		ltr/100 km	6.5 (6.0)	6.9
Combined		ltr/100 km	8.4 (7.7)	3.8
CO ₂		g/km	196 (179) EU6	200
Emission ratir	ıy		EU6	EU6
Insurance C	ategory			
(Germany)				
KH/VK/TK			4)	2

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

All technical data are provisional

 $^{^{1)}}$ Height with roof aerial: 1475 mm $^{2)}$ Oil change $^{3)}$ Fuel consumption and CO_2 emissions depend on the selected tyre format $^{4)}$ Data not yet available

BMW ActiveHybrid 5.

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		DANIA .: 11 1 1 5
		BMW ActiveHybrid 5
Body		
No. of doors/seats		4/5
Length/width/height 1) (unladen)	mm	4907 / 1860 / 1464
Wheelbase	mm	2968
Track, front/rear	mm	1600 / 1627
Ground clearance	mm	141
Turning circle	m	12.0
Tank capacity	app ltr	67
Cooling system incl. heating	ltr	
Engine oil 2)	ltr	6.5
Weight, unladen, to DIN/EU	kg	1850 / 1925
Max load to DIN	kg	550
Max permissible weight	kg	2400
Max axle load, front/rear	kg	1140 / 1350
Max trailer load,	kg	-/-
braked (12%)/unbraked	9	
Max roof load/towbar download	kg	100 / -
Luggage comp capacity	ltr	375
Air resistance	c _d x A	
	-4771	
Engine		
Configuration/No. of cyls./valves		R/6/4
Engine technology		BMW TwinPower Turbo technology with twin-scroll turbocharging,
		High Precision Direct Petrol Injection and fully variable valve control (VALVETRONIC)
Effective capacity	cm ³	2979
Stroke / bore	mm	89.6 / 84.0
Compression ratio	:1	10.2
Fuel grade		min RON 91
Output	kW/hp	225 / 306
at	min ⁻¹	5800 – 6000
Torque	Nm	400
at	min ⁻¹	1200-5000
Output electric motor	kW/hp	40 / 55
Torque electric motor	Nm	
System output	kW/hp	250 / 340
System torque	Nm	450
Electrical System		
Battery/Installation	Ah/–	90 +50 / luggage comp.
High-voltage battery	Wh	1350
Alternator	AW	200 + 170 / 2800 + 2400
Driving Dynamics and Safety		
Suspension, front		Double track control arm with separate lower track arm level, aluminium, small steering roll radius, anti-dive
Suspension, rear		Integral-V multi-arm axle, aluminium, with anti-squat and anti-dive, double acoustic separation
Brakes, front		Frame-type aluminium single-piston floating-calliper disc brakes
Diameter	mm	348 x 36 / inner-vented
Brakes, rear		Aluminium single-piston floating-calliper disc brakes
Diameter	mm	345 x 24 / inner-vented
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant, optional: Dynamic Damper Control
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for front and rear seats, three-point inertia-reel seatbelts on all seats with belt stopper, belt latch tensioner and belt force limiter integrated in the front seats, crash-activated head restraints at the front, crash sensors, Tyre Defect Indicator
0. 1		Electric Power Steering (EPS) with Servotronic
Steering		
Steering Steering ratio, overall	:1	17.1
	:1	<u> </u>

Transmission			
Type of gearbox			Eight-speed automatic with Steptronic
Gear ratios	I	:1	4.71
	<u>II</u>	:1	3.14
	<u> </u>	:1_	2.10
	IV	:1	1.66
	V	:1_	1.28
	VI	:1	1.00
	VII	:1	0.83
	VIII	:1	0.66° 3.31°
Tira al Irlaina	R	:1	2.929
Final drive		:1	2.92:
Performance			
(System) Power/w	eight ratio	kg/kW	8.2 (7.4
Output per litre		kW	75.
	0–100 km/h	S	5.
	0–1000 m	S	25.
9	0–120km/h	S	
Top speed		km/h	250
BMW EfficientDyn			BMW ActiveHybrid, Brake Energy Regeneration with energy flow and efficiency display, hybrid-specific Auto Start Stop function, Electric Power Steering (EPS) ECO PRO mode with coasting function, intelligent lightweight construction, air flag control, on-demand operation of ancillary units, climate compressor
BMW EfficientD BMW EfficientDyn standard features			display, hybrid-specific Auto Start Stop function, Electric Power Steering (EPS)
BMW EfficientDyn standard features	namics,		display, hybrid-specific Auto Start Stop function, Electric Power Steering (EPS) ECO PRO mode with coasting function, intelligent lightweight construction, air flap control, on-demand operation of ancillary units, climate compressor integrated in the high-voltage network, map-controlled oil pump,
BMW EfficientDyn standard features	on EU ³⁾		display, hybrid-specific Auto Start Stop function, Electric Power Steering (EPS) ECO PRO mode with coasting function, intelligent lightweight construction, air flap control, on-demand operation of ancillary units, climate compressor integrated in the high-voltage network, map-controlled oil pump, tyres with reduced roll resistance
BMW EfficientDyn standard features Fuel Consumptivith standard tyres	on EU ³⁾		display, hybrid-specific Auto Start Stop function, Electric Power Steering (EPS) ECO PRO mode with coasting function, intelligent lightweight construction, air flap control, on-demand operation of ancillary units, climate compressor integrated in the high-voltage network, map-controlled oil pump, tyres with reduced roll resistance
BMW EfficientDyn standard features Fuel Consumption with standard tyres Urban	on EU ³⁾ s: rims 8J x 1	7, tyres 22 ltr/100km	display, hybrid-specific Auto Start Stop function, Electric Power Steering (EPS) ECO PRO mode with coasting function, intelligent lightweight construction, air flap control, on-demand operation of ancillary units, climate compressor integrated in the high-voltage network, map-controlled oil pump, tyres with reduced roll resistance 5/55 R17 (2K1)
BMW EfficientDynstandard features Fuel Consumption with standard tyres Urban Extra-urban	on EU ³⁾ s: rims 8J x 1	7, tyres 22 ltr/100km ltr/100km	display, hybrid-specific Auto Start Stop function, Electric Power Steering (EPS) ECO PRO mode with coasting function, intelligent lightweight construction, air flap control, on-demand operation of ancillary units, climate compressor integrated in the high-voltage network, map-controlled oil pump, tyres with reduced roll resistance 5/55 R17 (2K1) 6.
BMW EfficientDyn standard features Fuel Consumption with standard tyres Urban Extra-urban Combined	on EU ³⁾ s: rims 8J x 1	7, tyres 22 ltr/100km ltr/100km ltr/100km	display, hybrid-specific Auto Start Stop function, Electric Power Steering (EPS) ECO PRO mode with coasting function, intelligent lightweight construction, air flap control, on-demand operation of ancillary units, climate compressor integrated in the high-voltage network, map-controlled oil pump, tyres with reduced roll resistance 5/55 R17 (2K1) 6. 6. 6.6
BMW EfficientDyn standard features Fuel Consumptivith standard tyres Urban Extra-urban Combined CO2	on EU ³⁾ s: rims 8J x 1	7, tyres 22 ltr/100km ltr/100km ltr/100km g/km	display, hybrid-specific Auto Start Stop function, Electric Power Steering (EPS) ECO PRO mode with coasting function, intelligent lightweight construction, air flap control, on-demand operation of ancillary units, climate compressor integrated in the high-voltage network, map-controlled oil pump, tyres with reduced roll resistance 5/55 R17 (2K1) 6. 6. 6. 14
BMW EfficientDyn standard features Fuel Consumption with standard tyres Urban Extra-urban Combined CO2 with rims 8J x 18 a	on EU ³⁾ s: rims 8J x 1	7, tyres 22 ltr/100km ltr/100km ltr/100km g/km //45 R18 or	display, hybrid-specific Auto Start Stop function, Electric Power Steering (EPS) ECO PRO mode with coasting function, intelligent lightweight construction, air flap control, on-demand operation of ancillary units, climate compressor integrated in the high-voltage network, map-controlled oil pump, tyres with reduced roll resistance 5/55 R17 (2K1) 6. 6. 6. 149 winter tyres (2AU, 2HM, 2K2, 931)
BMW EfficientDyn standard features Fuel Consumptivith standard tyres Urban Extra-urban Combined CO2 with rims 8J x 18 a Urban	on EU ³⁾ s: rims 8J x 1	7, tyres 22 ltr/100km ltr/100km ltr/100km g/km /45 R18 or ltr/100km	display, hybrid-specific Auto Start Stop function, Electric Power Steering (EPS) ECO PRO mode with coasting function, intelligent lightweight construction, air flap control, on-demand operation of ancillary units, climate compressor integrated in the high-voltage network, map-controlled oil pump, tyres with reduced roll resistance 5/55 R17 (2K1) 6. 6. 6. 149 winter tyres (2AU, 2HM, 2K2, 931)
BMW EfficientDynstandard features Fuel Consumptivith standard tyres Urban Extra-urban Combined CO2 with rims 8J x 18 a Urban Extra-urban Extra-urban	on EU ³⁾ s: rims 8J x 1	7, tyres 22 ltr/100km ltr/100km ltr/100km g/km i/45 R18 or ltr/100km ltr/100km	display, hybrid-specific Auto Start Stop function, Electric Power Steering (EPS) ECO PRO mode with coasting function, intelligent lightweight construction, air flap control, on-demand operation of ancillary units, climate compressor integrated in the high-voltage network, map-controlled oil pump, tyres with reduced roll resistance 5/55 R17 (2K1) 6. 6. 6. 149 winter tyres (2AU, 2HM, 2K2, 931) 6. 7.0
BMW EfficientDyn standard features Fuel Consumptivith standard tyres Urban Extra-urban Combined CO2 with rims 8J x 18 a Urban Extra-urban Combined CO2 CO2 CO3	on EU ³⁾ s: rims 8J x 1	7, tyres 22 ltr/100km ltr/100km ltr/100km g/km i/45 R18 or ltr/100km ltr/100km ltr/100km	display, hybrid-specific Auto Start Stop function, Electric Power Steering (EPS) ECO PRO mode with coasting function, intelligent lightweight construction, air flap control, on-demand operation of ancillary units, climate compressor integrated in the high-voltage network, map-controlled oil pump, tyres with reduced roll resistance 5/55 R17 (2K1) 6. 6. 149 winter tyres (2AU, 2HM, 2K2, 931) 6. 7.0
BMW EfficientDyn standard features Fuel Consumption with standard tyres Urban Extra-urban Combined CO2 with rims 8J x 18 a Urban Extra-urban Combined CO2 CO2 CO3	on EU ³⁾ s: rims 8J x 1	7, tyres 22 ltr/100km ltr/100km g/km g/45 R18 or ltr/100km ltr/100km ltr/100km g/km	display, hybrid-specific Auto Start Stop function, Electric Power Steering (EPS) ECO PRO mode with coasting function, intelligent lightweight construction, air flap control, on-demand operation of ancillary units, climate compressor integrated in the high-voltage network, map-controlled oil pump, tyres with reduced roll resistance 5/55 R17 (2K1) 6. 6. 14* winter tyres (2AU, 2HM, 2K2, 931) 6. 7. 6, 7. 6, 15:
Fuel Consumptivity Standard features Fuel Consumptivity Standard tyres Urban Extra-urban Combined CO2 Urban Extra-urban Extra-urban Combined CO2 With rims 8J x 18 a Urban Extra-urban Combined CO2 with rims 8J x 18 f	on EU ³⁾ s: rims 8J x 1 ⁻¹ and tyres 245 front, 9J x 18	7, tyres 22 ltr/100km ltr/100km g/km g/45 R18 or ltr/100km ltr/100km ltr/100km g/km rear and ty	display, hybrid-specific Auto Start Stop function, Electric Power Steering (EPS) ECO PRO mode with coasting function, intelligent lightweight construction, air flap control, on-demand operation of ancillary units, climate compressor integrated in the high-voltage network, map-controlled oil pump, tyres with reduced roll resistance 5/55 R17 (2K1) 6. 6. 7. 9. 9. 9. 9. 9. 9. 9. 9. 9. 9. 9. 9. 9.
Fuel Consumptivity Standard features Fuel Consumptivity Standard tyres Urban Extra-urban Combined CO2 with rims 8J x 18 a Urban Extra-urban Combined CO2 with rims 8J x 18 a with rims 8J x 18 f	on EU ³⁾ s: rims 8J x 1 and tyres 245 front, 9J x 18 9 front, 9J x 18	7, tyres 22 ltr/100km ltr/100km g/km g/45 R18 or ltr/100km ltr/100km ltr/100km g/km rear and ty 9 rear and	display, hybrid-specific Auto Start Stop function, Electric Power Steering (EPS) ECO PRO mode with coasting function, intelligent lightweight construction, air flap control, on-demand operation of ancillary units, climate compressor integrated in the high-voltage network, map-controlled oil pump, tyres with reduced roll resistance 6.6 6.7 6.6 7.0 6.7 7.0 6.7 7.0 6.7 7.0 6.7 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7
Fuel Consumptivity Standard features Fuel Consumptivity Standard tyres Urban Extra-urban Combined CO ₂ with rims 8J x 18 a Urban Combined CO ₂ with rims 8J x 18 f with rims 8.5J x 18 f with rims 8.5J x 18 with rims 8.5J x 18 f	on EU ³⁾ s: rims 8J x 1 and tyres 245 front, 9J x 18 9 front, 9J x 1 0 front, 9J x 2	7, tyres 22 ltr/100km ltr/100km g/km g/45 R18 or ltr/100km ltr/100km ltr/100km g/km rear and ty 9 rear and	display, hybrid-specific Auto Start Stop function, Electric Power Steering (EPS) ECO PRO mode with coasting function, intelligent lightweight construction, air flap control, on-demand operation of ancillary units, climate compressor integrated in the high-voltage network, map-controlled oil pump, tyres with reduced roll resistance 5/55 R17 (2K1) 6. 6. 6. 14* winter tyres (2AU, 2HM, 2K2, 931) 6. 7. 6. 6. 7. 6. 6. 7. 6. 6. 7. 6. 6. 7. 6. 6. 7. 6. 6. 7. 6. 6. 7. 6. 6. 7. 6. 6. 7. 6. 6. 7. 6. 6. 7. 6. 6. 7. 6. 6. 6. 7. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6.
Fuel Consumptivity Standard features Fuel Consumptivity Standard tyres Urban Extra-urban Combined CO2 with rims 8J x 18 a Urban Combined CO2 with rims 8J x 18 f with rims 8.5J x 20 Urban	on EU ³⁾ s: rims 8J x 1 ¹ and tyres 245 front, 9J x 18 9 front, 9J x 2	7, tyres 22 Itr/100km Itr/100km Itr/100km g/km 6/45 R18 or Itr/100km Itr/100km g/km rear and ty 9 rear and 0 rear and Itr/100km	display, hybrid-specific Auto Start Stop function, Electric Power Steering (EPS) ECO PRO mode with coasting function, intelligent lightweight construction, air flap control, on-demand operation of ancillary units, climate compressor integrated in the high-voltage network, map-controlled oil pump, tyres with reduced roll resistance 5/55 R17 (2K1) 6. 6. 7. 6. 6. 7. 6. 6. 7. 6. 6. 7. 6. 6. 7. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6.
Fuel Consumptivity Standard features Fuel Consumptivity Standard tyres Urban Extra-urban Combined CO2 with rims 8J x 18 a Urban Extra-urban Combined CO2 with rims 8J x 18 features With rims 8.5J x 18 features With rims 8.5J x 18 features With rims 8.5J x 20 Urban Extra-urban	on EU ³⁾ s: rims 8J x 1 and tyres 245 front, 9J x 18 9 front, 9J x 2	7, tyres 22 ltr/100km ltr/100km g/km 6/45 R18 or ltr/100km ltr/100km g/km rear and ty 9 rear and 0 rear and	display, hybrid-specific Auto Start Stop function, Electric Power Steering (EPS) ECO PRO mode with coasting function, intelligent lightweight construction, air flap control, on-demand operation of ancillary units, climate compressor integrated in the high-voltage network, map-controlled oil pump, tyres with reduced roll resistance 5/55 R17 (2K1) 6. 6. 14 winter tyres (2AU, 2HM, 2K2, 931) 6. 7. 6, 7. 6, 15 res 245/45 R18 front, 275/40 R18 rear (2AH, 2DC, 2NC) tyres 245/40 R19 front, 275/35 R19 rear (2K3, 2WC, 2MZ, 2ND) tyres 245/35 R20 front, 275/30 R20 rear (2H9) 6. 7.
Fuel Consumptivith Standard features Fuel Consumptivith Standard tyres Urban Extra-urban Combined CO2 with rims 8J x 18 a Urban Extra-urban Combined CO2 with rims 8J x 18 f with rims 8.5J x 10 Urban Extra-urban Combined CO2 Urban Extra-urban Combined	on EU ³⁾ s: rims 8J x 1 and tyres 245 front, 9J x 18 9 front, 9J x 2	7, tyres 22 ltr/100km ltr/100km g/km g/km g/k5 R18 or ltr/100km ltr/100km ltr/100km orear and ty 9 rear and 0 rear and ltr/100km ltr/100km	display, hybrid-specific Auto Start Stop function, Electric Power Steering (EPS) ECO PRO mode with coasting function, intelligent lightweight construction, air flap control, on-demand operation of ancillary units, climate compressor integrated in the high-voltage network, map-controlled oil pump, tyres with reduced roll resistance 5/55 R17 (2K1) 6. 6. 7. winter tyres (2AU, 2HM, 2K2, 931) 6. 7. 6. 7. 6. 7. 15: 15: 15: 15: 15: 15: 15: 15: 15: 15:
Fuel Consumptivith standard tyres Urban Extra-urban Combined CO2 with rims 8J x 18 a Urban Extra-urban Combined CO2 with rims 8J x 18 f with rims 8.5J x 20 Urban Extra-urban Combined CO2 with rims 8.5J x 20 Urban Extra-urban Combined CO2	on EU ³⁾ s: rims 8J x 1 and tyres 245 front, 9J x 18 9 front, 9J x 2	7, tyres 22 Itr/100km Itr/100km g/km g/kM 6/45 R18 or Itr/100km Itr/100km g/km rear and ty 9 rear and 0 rear and Itr/100km Itr/100km Itr/100km	display, hybrid-specific Auto Start Stop function, Electric Power Steering (EPS) ECO PRO mode with coasting function, intelligent lightweight construction, air flap control, on-demand operation of ancillary units, climate compressor integrated in the high-voltage network, map-controlled oil pump, tyres with reduced roll resistance 5/55 R17 (2K1) 6. 6. 6. 14 winter tyres (2AU, 2HM, 2K2, 931) 6. 7. 6, 7. 6, 15 res 245/45 R18 front, 275/40 R18 rear (2AH, 2DC, 2NC) tyres 245/40 R19 front, 275/35 R19 rear (2K3, 2WC, 2MZ, 2ND) tyres 245/35 R20 front, 275/30 R20 rear (2H9) 6. 7. 7.
Fuel Consumptivith standard tyres Urban Extra-urban Combined CO2 with rims 8J x 18 a Urban Extra-urban Combined CO2 with rims 8J x 18 f	on EU ³⁾ s: rims 8J x 1 and tyres 245 front, 9J x 18 9 front, 9J x 2	7, tyres 22 Itr/100km Itr/100km g/km g/kM 6/45 R18 or Itr/100km Itr/100km g/km rear and ty 9 rear and 0 rear and Itr/100km Itr/100km Itr/100km	display, hybrid-specific Auto Start Stop function, Electric Power Steering (EPS) ECO PRO mode with coasting function, intelligent lightweight construction, air flap control, on-demand operation of ancillary units, climate compressor integrated in the high-voltage network, map-controlled oil pump, tyres with reduced roll resistance 6.6 6.7 6.6 7.0 6.7 7.0 6.7 7.0 6.7 7.0 6.7 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7

Specifications apply to ACEA markets; data relevant to homologation applicable in part only to Germany (weight) All technical data are provisional

Height with roof aerial: 1475 mm
 Oil change
 Fuel consumption and CO₂ emissions depend on the selected tyre format
 Data not yet available

BMW 518d Sedan, BMW 520d Sedan, BMW 525d Sedan.

		BMW 518d	BMW 520d	BMW 525d
Body				
No of doors/seats		4/5	4/5	4/5
Length/width/height ¹⁾ (unladen)	mm	4907 / 1860 / 1464	4907 / 1860 / 1464	4907 / 1860 / 1464
Wheelbase	mm	2968	2968	2968
Track, front/rear	mm	1600 / 1627	1600 / 1627	1600 / 1627
Ground clearance	mm	141	141	141
Turning circle	m	12.0	11.95	11.95
Tank capacity	app ltr	70	70	70
Cooling system incl heater	ltr	7.0	7.0	8.0
Engine oil ²⁾	ltr	5.2	5.2	5.2
Weight, unladen, to DIN/EU	kg	1615 / 1690 (1625 / 1700)	1620 / 1695 (1630 / 1705)	1650 / 1725 (1655 /1730)
Max load to DIN	kg	610	610	610
Max permissible	kg	2225 (2235)	2230 (2240)	2260 (2265)
Max axle load, front/rear	kg	1060 / 1275	1060 / 1275	1100 / 1290
Max trailer load (12%), braked/unbraked	kg	1800 (2000) / 750	1800 (2000) / 750	2000 / 750
Max roofload/max towbar dwnl	kg	100 / 90	100 / 90	100 / 90
Luggage comp capacity	ltr	520	520	520
<u>Air resistance</u>	Cd x A	0.26 x 2.35	0.25 x 2.35	0.26 x 2.35
Engine		5.4	Olestate ()	000000
Config/No of cyls/valves		R / 4 / 4 BMW TwinPower Turbo	Straight-four / 4 BMW TwinPower Turbo	Straight-four / 4 BMW TwinPower Turbo
Engine technology		technology with variable-	technology with variable-	technology with multi-
		geometry turbocharger,	geometry turbocharger,	stage variable-geometry
		Common Rail direct	Common Rail direct	high-pressure
		injection with solenoid	injection with solenoid	turbocharger, Common
		valve injectors (max.	valve injectors (max.	Rail direct injection with
		injection pressure: 1800 bar)	injection pressure: 1800 bar)	piezo injectors (max. injection pressure: 2000
Capacity, effective	CC	1995	1995	bar) 1955
Stroke / bore	mm	90.0 / 84.0	90.0 / 84.0	90.0 / 84.0
Compression ratio	:1	16.5	16.5	16.5
Fuel grade	•	Diesel	Diesel	Diesel
Max output	kW/hp	105 / 143	135 / 184	160 / 218
at	rpm	4000	4000	4400
Max torque	Nm	360	380	450
at	rpm	1750	1750-2750	1500
Electrical System				
Battery/installation	Ah/–	90 / luggage comp	90 / luggage comp	90 / luggage comp
Alternator	A/W	180 / 2520	180 / 2520	180 / 2520
Driving Dynamics and Safety	,	B. II		
Suspension, front			axle with separate lower tra all steering roll radius, anti-c	
Suspension, rear		anti-c	e, aluminium, with steering t live, double acoustic separa	ation
Brakes, front			um swing-calliper disc brak	
Diameter	mm	330 x 24 / inner-vented	330 x 24 / inner-vented	348 x 30 / inner-vented
Brakes, rear		Single-	piston swing-calliper disc b	orakes
Diameter	mm	330 x 20 / inner-vented		330 x 20 / inner-vented
Driving stability systems		Brake Control, DBC Dyr	and DTC Dynamic Traction namic Brake Control, Dry B Off Assistant; optional: Dyna	raking function, Fading
Safety equipment			driver and front passenger,	· · · · · · · · · · · · · · · · · · ·
Jaiety equipment		and front passenger, h	nead airbags for front and re	ear seats, three-point
			eats with belt stopper, belt h-activated headrests at th	
Steering		Electric Po	Tyre Defect Indicator wer Steering (EPS) with Se	ervotronic;
····· 3			ional: Integral Active Steeri	,
Steering transmission, overall	:1	17.1	17.1	17.1
Tyres, front/rear		225/55 R17 97W	225/55 R17 97W	225/55 R17 97W
Rims, front/rear		8J x 17 light-alloy	8J x 17 light-alloy	8J x 17 light-alloy
		5 : :	3 : : : -)	

			BMW 518d	BMW 520d	BMW 525d
Transmissio	on				
Type of gearb	OOX		Six-speed manual (option	al: eight-speed automatic w	vith Steptronic)
Gear ratios	I	:1	4.110 (4.714)	4.110 (4.714)	4.110 (4.714)
	II	:	2.248 (3.143)	2.248 (3.143)	2.248 (3.143)
	III	:1	1.403 (2.106)	1.403 (2.106)	1.403 (2.106)
	IV	:1	1.000 (1.667)	1.000 (1.667)	1.000 (1.667)
	V	:1	0.802 (1.285)	0.802 (1.285)	0.802 (1.285)
	VI	:1	0.659 (1.000)	0.659 (1.000)	0.659 (1.000)
	VII	:1	- (0.839)	- (0.839)	- (0.839)
	VIII	:1	- (0.667)	- (0.667)	- (0.667)
	R	:1	3.727 (3.295)	3.727 (3.295)	3.727 (3.295)
Final drive		:1	3.231 (2.929)	3.077 (2.929)	3.462 (2.929)
Performanc	<u> </u>				
Power-to-wei		kg/kW	15.4 (15.5)	12.0 (12.1)	10.3 (10.3
Output per lit	<u> </u>	kW	52.6	67.7	80.2
Acceleration	0-100 km/h	sec	9.7 (9.6)	8.1 (7.9)	7.0 (6.9)
	0–1000 m	sec	31.1 (31.0)	28.8 (28.8)	27.5 (27.5
in 4th gear	80-120 km/h	sec	7.9 / 9.9 (–)	7.5 / 9.8 (–)	5.7 / 7.2 (-
Top speed		km/h	214 (212)	234 (231)	248 (243
BMW Efficie	entDynamics				
BMW Efficier		Bral	ke Energy Regeneration wit	h recuperation display, Auto	Start Stop function,
standard feat	,		earshift point indicator (on m		
			asting function (on automat		
		on-	demand operation of ancilla	iry units, air flap control, Elec ipressor, tyres with reduced	
				ePerformance technology	roll resistance,
-			2,4,44	2. 2223 toormology	
Fuel Consu	nntion FII ³⁾				
. 40. 9011341	p				

Fuel Consumption EU ³⁾							
With standard wheels	s and tyres: 8J x 17 wheels, 2	225/55 R17 tyres (2K1)					
Urban	ltr/100 km	5.4 (5.3)	5.4 (5.2)	5.9 (5.6)			
Extra-urban	ltr/100 km	4.0 (4.1)	4.0 (4.1)	4.3 (4.1)			
Combined	ltr/100 km	4.5 (4.5)	4.5 (4.5)	4.9 (4.7)			
CO ₂	g/km	119 (119)	119 (119)	129 (123)			
With 8J x 18 wheels	and 245/45 R18 tyres and w	ith winter tyres (2HM, 2K2	2, 931)				
Urban	ltr/100 km	5.6 (5.5)	5.6 (5.5)	6.1 (5.8)			
Extra-urban	ltr/100 km	4.2 (4.3)	4.2 (4.3)	4.5 (4.3)			
Combined	ltr/100 km	4.7 (4.7)	4.7 (4.7)	5.1 (4,9)			
CO ₂	g/km	124 (124)	124 (124)	134 (128)			

With 8J x 18 wheels at front, 9J x 18 at rear and 245/45 R18 tyres at front, 275/40 R18 at rear (2AH, 2DC, 2NC) With 8.5J x 19 wheels at front, 9J x 19 at rear and 245/40 R19 tyres at front, 275/35 R19 at rear (2K3, 2WC, 2MZ, 2ND) With 8.5J x 20 wheels at front, 9J x 20 at rear and 245/35 R20 tyres at front, 275/30 R20 at rear (2H9)

Urban	ltr/100 km	5.8 (5.7)	5.8 (5.7)	6.3 (6.0)
Extra-urban	ltr/100 km	4.4 (4.4)	4.4 (4.5)	4.7 (4.5)
Combined	ltr/100 km	4.9 (4.9)	4.9 (4.9)	5.3 (5.0)
CO ₂	g/km	129 (129)	129 (129)	139 (133)
Emission rating		EU6	EU6	EU6

Insurance Category (Germany)			
KH/VK/TK	4)	4)	4)

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

All technical data are provisional

Height with roof aerial: 1475 mm
 Oil change
 Fuel consumption and CO₂ emissions depend on the selected tyre format
 Data not yet available

BMW 530d Sedan, BMW 535d Sedan.

		BMW 530d	BMW 535d
Body			
No of doors/seats		4/5	4/5
Length/width/height ¹⁾ (unladen)	mm	4907 / 1860 / 1464	4907 / 1860 / 1464
Wheelbase	mm	2968	2968
Track, front/rear	mm	1600 / 1627	1600 / 1627
,		141	141
Ground clearance	mm	12.0	12.0
Turning circle	m		
Tank capacity	app ltr	70	70
Cooling system incl heater	ltr	8.0	8.0
Engine oil ²⁾	ltr	7.2	6.2
Weight, unladen, to DIN/EU	kg	1710 / 1785	1735 / 1810
Max load to DIN	kg	610	610
Max permissible	kg	2320	2345
Max axle load, front/rear	kg	1100 / 1290	1100 / 1310
Max trailer load (12%),	kg	2000 / 750	2000 / 750
braked/unbraked	9		
Max roofload/max towbar dwnl	kg	100 / 90	100/90
	Rg_ Itr	520	520
Luggage comp capacity Air resistance	Cd x A		
Air resistance	CaxA	0.26 x 2.35	0.26 x 2.35
Engine			
Config/No of cyls/valves		Straight-six / 4	Straight-six / 4
Engine technology		BMW TwinPower Turbo	BMW TwinPower Turbo
3		technology with variable-	technology with multi-stage
		geometry turbocharger,	variable-geometry
		Common Rail direct	high-pressure
		injection with solenoid	turbocharger, Common Rail
		valve injectors (max.	direct injection with piezo
		injection pressure:	injectors (max. injection
		1800 bar)	pressure: 2000 bar)
Capacity, effective	CC	2993	2993
Stroke / bore	mm	90.0 / 84.0	90.0 / 84.0
Compression ratio	:1	16.5	16.5
Fuel grade		Diesel	Diesel
Max output	kW/hp	190 / 258	230 / 313
at	rpm	4000	4400
Max torque	Nm	540	630
at	rpm	1500-3000	1500-2500
Electrical System		22.11	20.11
Battery/installation	Ah/-	90 / luggage comp	90 / luggage comp
Alternator	AW	180 / 2520	220 / 3080
Driving Dynamics and Safety			
Suspension, front			axle with separate lower track arm level, aluminium, all steering roll radius, anti-dive
Suspension, rear		Integral-V multi-arm axle	e, aluminium, with steering function, anti-squat and dive, double acoustic separation
Brakes, front			um swing-calliper disc brakes in frame structure
Diameter	mm	348 x 30 / inner-vented	348 x 36 / inner-vented
Brakes, rear	111111		piston swing-calliper disc brakes
· · · · · · · · · · · · · · · · · · ·			• • •
Diameter	mm	330 x 20 / inner-vented	345 x 24 / inner-vented
Driving stability systems		Brake Control, DBC Dyr	and DTC Dynamic Traction Control, CBC Cornering namic Brake Control, Dry Braking function, Fading Start-Off Assistant; optional: Adaptive Drive
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for front and rear seats, three-point inertia-reel belts on all seats with belt stopper, belt tightener and belt force limiter at the front, crash-activated headrests at the front, crash sensors, Tyre Defect Indicator	
		limiter at the front, cras	
Steering		Electric Po	Tyre Defect Indicator wer Steering (EPS) with Servotronic;
	^	Electric Po opt	Tyre Defect Indicator wer Steering (EPS) with Servotronic; ional: Integral Active Steering
Steering transmission, overall	:1	Electric Po opt 17.1	Tyre Defect Indicator wer Steering (EPS) with Servotronic; ional: Integral Active Steering 17.1
	:1	Electric Po opt	Tyre Defect Indicator wer Steering (EPS) with Servotronic; ional: Integral Active Steering

		BMW 530d	BMW 535d
Transmission			
Type of gearbox		Eight-speed automatic witl	h Steptronic
Gear ratios	I :1	4.714	4.714
	I :1	3.143	3.143
	 III :1	2.106	2.106
	IV :1	1.667	1.667
	V :1	1.285	1.285
	VI :1	1.000	1.000
	VII :1	0.839	0.839
	VIII :1	0.667	0.667
	R :1	3,317	3.317
Final drive	:1	2.471	2.647
Performance			
Power-to-weight ratio	kg/kW	9.0	7.5
Output per litre	kW	63.5	76.8
Acceleration 0–100		5.8	5.3
0–100		25.9	24.5
in 4th gear 80–120		(-)	(-)
Top speed	km/h	250 (250)	250
. ор ороса			
BMW EfficientDynam	nics		
BMW EfficientDynamics	s, E	Brake Energy Regeneration with recuperation of ECO PRO mode with coasting function, intelled the company operation of applicacy units, air flag	ligent lightweight construction,
BMW EfficientDynamics standard features	s, E		ligent lightweight construction, control, Electric Power Steering vith reduced roll resistance,
BMW EfficientDynamics standard features	s, E	ECO PRO mode with coasting function, intell on-demand operation of ancillary units, air flap (EPS), detachable a/c compressor, tyres v	ligent lightweight construction, control, Electric Power Steering vith reduced roll resistance,
BMW EfficientDynamics standard features Fuel Consumption Elements	s, E	ECO PRO mode with coasting function, intell on-demand operation of ancillary units, air flap (EPS), detachable alc compressor, tyres v BMW BluePerformance t	ligent lightweight construction, control, Electric Power Steering vith reduced roll resistance,
BMW EfficientDynamics standard features Fuel Consumption Elements	s, E	ECO PRO mode with coasting function, intell on-demand operation of ancillary units, air flap (EPS), detachable a/c compressor, tyres v	ligent lightweight construction, control, Electric Power Steering with reduced roll resistance, technology
BMW EfficientDynamics standard features Fuel Consumption El With standard wheels al Urban	s, E (U³⁾ nd tyres: 8J x 17 wh	ECO PRO mode with coasting function, intellon-demand operation of ancillary units, air flap (EPS), detachable alc compressor, tyres v BMW BluePerformance to the seeds, 225/55 R17 tyres (2K1)	ligent lightweight construction, control, Electric Power Steering with reduced roll resistance, technology
BMW EfficientDynamics standard features Fuel Consumption El With standard wheels as Urban Extra-urban	s, E (u ³⁾ nd tyres: 8J x 17 wh (tr/100 km	ECO PRO mode with coasting function, intellon-demand operation of ancillary units, air flap (EPS), detachable alc compressor, tyres v BMW BluePerformance to the seeds, 225/55 R17 tyres (2K1)	ligent lightweight construction, control, Electric Power Steering with reduced roll resistance, technology 6.2
BMW EfficientDynamics standard features Fuel Consumption El With standard wheels as Urban Extra-urban Combined	u ³⁾ nd tyres: 8J x 17 wh ltr/100 km ltr/100 km	ECO PRO mode with coasting function, intellon-demand operation of ancillary units, air flap (EPS), detachable a/c compressor, tyres v BMW BluePerformance to the els, 225/55 R17 tyres (2K1) 6.0 4.6	ligent lightweight construction, control, Electric Power Steering with reduced roll resistance, technology 6.2 4.7 5.3
BMW EfficientDynamics standard features Fuel Consumption Et With standard wheels at Urban Extra-urban Combined CO2	u ³⁾ nd tyres: 8J x 17 wh ltr/100 km ltr/100 km ltr/100 km g/km	ECO PRO mode with coasting function, intellon-demand operation of ancillary units, air flap (EPS), detachable a/c compressor, tyres v BMW BluePerformance to the els, 225/55 R17 tyres (2K1) 6.0 4.6 5.1	ligent lightweight construction, control, Electric Power Steering with reduced roll resistance, technology 6.2 4.7 5.3
BMW EfficientDynamics standard features Fuel Consumption Et With standard wheels at Urban Extra-urban Combined CO2 With 8J x 18 wheels and	u ³⁾ nd tyres: 8J x 17 wh ltr/100 km ltr/100 km ltr/100 km g/km	ECO PRO mode with coasting function, intellon-demand operation of ancillary units, air flap (EPS), detachable a/c compressor, tyres v BMW BluePerformance to the seeds, 225/55 R17 tyres (2K1) 6.0 4.6 5.1 134	ligent lightweight construction, control, Electric Power Steering with reduced roll resistance, rechnology 6.2 4.7 5.3
BMW EfficientDynamics standard features Fuel Consumption Et With standard wheels at Urban Extra-urban Combined CO2	u ³⁾ nd tyres: 8J x 17 wh ltr/100 km ltr/100 km ltr/100 km g/km d 245/45 R18 tyres	ECO PRO mode with coasting function, intellon-demand operation of ancillary units, air flap (EPS), detachable a/c compressor, tyres v BMW BluePerformance to the seeds, 225/55 R17 tyres (2K1) 6.0 4.6 5.1 134 and with winter tyres (2HM, 2K2, 931)	ligent lightweight construction, control, Electric Power Steering with reduced roll resistance, technology 6.2 4.7 5.3 138
BMW EfficientDynamics standard features Fuel Consumption Et With standard wheels at Urban Extra-urban Combined CO2 With 8J x 18 wheels and Urban	U ³⁾ nd tyres: 8J x 17 wh ltr/100 km ltr/100 km ltr/100 km g/km d 245/45 R18 tyres	ECO PRO mode with coasting function, intellon-demand operation of ancillary units, air flap (EPS), detachable a/c compressor, tyres v BMW BluePerformance to the seeds, 225/55 R17 tyres (2K1) 6.0 4.6 5.1 134 and with winter tyres (2HM, 2K2, 931) 6.2	ligent lightweight construction, control, Electric Power Steering with reduced roll resistance, technology 6.2 4.7 5.3 138 6.5 4.9
BMW EfficientDynamics standard features Fuel Consumption El With standard wheels at Urban Extra-urban Combined CO2 With 8J x 18 wheels and Urban Extra-urban Extra-urban	U ³⁾ nd tyres: 8J x 17 wh ttr/100 km ttr/100 km ttr/100 km g/km d 245/45 R18 tyres ttr/100 km	ECO PRO mode with coasting function, intellon-demand operation of ancillary units, air flap (EPS), detachable a/c compressor, tyres v BMW BluePerformance to the seeds, 225/55 R17 tyres (2K1) 6.0 4.6 5.1 134 and with winter tyres (2HM, 2K2, 931) 6.2 4.7	ligent lightweight construction, control, Electric Power Steering with reduced roll resistance, technology 6.2 4.7 5.3 138 6.5 4.9
BMW EfficientDynamics standard features Fuel Consumption El With standard wheels at Urban Combined CO2 With 8J x 18 wheels and Urban Extra-urban Combined CO2 With 8J x 18 wheels at With 8J x 18 wheels at With 8J x 19 wheels at With 8J x 19 wheels at With 8J x 19 wheels at With 8.5J x 19 wheels at With 8.5J x 19 wheels at	U ³⁾ nd tyres: 8J x 17 wh ltr/100 km ltr/100 km g/km d 245/45 R18 tyres ltr/100 km ltr/100 km g/km front, 9J x 18 at rea	ECO PRO mode with coasting function, intell on-demand operation of ancillary units, air flap (EPS), detachable a/c compressor, tyres v BMW BluePerformance to the els, 225/55 R17 tyres (2K1) 6.0 4.6 5.1 134 and with winter tyres (2HM, 2K2, 931) 6.2 4.7 5.3 139 r and 245/45 R18 tyres at front, 275/40 R18 at ear and 245/40 R19 tyres at front, 275/35 R19	ligent lightweight construction, control, Electric Power Steering with reduced roll resistance, technology 6.2 4.7 5.3 138 6.5 4.9 5.4 t rear (2AH, 2DC, 2NC) at rear (2K3, 2WC, 2MZ, 2ND)
BMW EfficientDynamics standard features Fuel Consumption El With standard wheels at Urban Extra-urban Combined CO2 With 8J x 18 wheels and Urban Extra-urban Combined CO2 With 8J x 18 wheels at With 8J x 19 wheels at With 8J x 19 wheels at With 8.5J x 20 wheels at With 8	U ³⁾ nd tyres: 8J x 17 wh ltr/100 km ltr/100 km g/km d 245/45 R18 tyres ltr/100 km ltr/100 km g/km ltr/100 km g/km tr/100 km at front, 9J x 19 at reat front, 9J x 20 at r	ECO PRO mode with coasting function, intell on-demand operation of ancillary units, air flap (EPS), detachable a/c compressor, tyres v BMW BluePerformance to the els, 225/55 R17 tyres (2K1) 6.0 4.6 5.1 134 and with winter tyres (2HM, 2K2, 931) 6.2 4.7 5.3 139 r and 245/45 R18 tyres at front, 275/40 R18 at ear and 245/40 R19 tyres at front, 275/30 R20 ear and 245/35 R20 tyres at front, 275/30 R20	ligent lightweight construction, control, Electric Power Steering with reduced roll resistance, technology 6.2 4.7 5.3 138 6.5 4.9 5.4 t rear (2AH, 2DC, 2NC) at rear (2H9)
BMW EfficientDynamics standard features Fuel Consumption El With standard wheels at Urban Extra-urban Combined CO2 With 8J x 18 wheels and Urban Extra-urban Combined CO2 With 8J x 18 wheels at With 8J x 18 wheels at With 8J x 19 wheels at With 8.5J x 20 wheels at Urban	u3) Ind tyres: 8J x 17 wh Itr/100 km Itr/100 km Itr/100 km g/km d 245/45 R18 tyres Itr/100 km	ECO PRO mode with coasting function, intellon-demand operation of ancillary units, air flap (EPS), detachable a/c compressor, tyres v BMW BluePerformance to the els, 225/55 R17 tyres (2K1) 6.0 4.6 5.1 134 and with winter tyres (2HM, 2K2, 931) 6.2 4.7 5.3 139 or and 245/45 R18 tyres at front, 275/40 R18 at part and 245/40 R19 tyres at front, 275/35 R19 part and 245/35 R20 tyres at front, 275/30 R20 6.5	ligent lightweight construction, control, Electric Power Steering vith reduced roll resistance, technology 6.2 4.7 5.3 138 6.5 4.9 5.4 143 t rear (2AH, 2DC, 2NC) at rear (2K3, 2WC, 2MZ, 2ND) at rear (2H9)
BMW EfficientDynamics standard features Fuel Consumption El With standard wheels at Urban Extra-urban Combined CO2 With 8J x 18 wheels and Urban Extra-urban Combined CO2 With 8J x 18 wheels at With 8J x 18 wheels at With 8J x 18 wheels at With 8J x 19 wheels at With 8J x 19 wheels at With 8.5J x 20 wheels at Urban Extra-urban	u3) nd tyres: 8J x 17 wf ltr/100 km ltr/100 km g/km d 245/45 R18 tyres ltr/100 km ltr/100 km ltr/100 km g/km d 245/45 R18 tyres at front, 9J x 18 at rea at front, 9J x 20 at rea ltr/100 km ltr/100 km ltr/100 km km ltr/100 km	ECO PRO mode with coasting function, intellon-demand operation of ancillary units, air flap (EPS), detachable a/c compressor, tyres v BMW BluePerformance to the els, 225/55 R17 tyres (2K1) 6.0 4.6 5.1 134 and with winter tyres (2HM, 2K2, 931) 6.2 4.7 5.3 139 or and 245/45 R18 tyres at front, 275/40 R18 at part and 245/40 R19 tyres at front, 275/35 R19 part and 245/35 R20 tyres at front, 275/30 R20 6.5 4.9	ligent lightweight construction, control, Electric Power Steering vith reduced roll resistance, technology 6.2 4.7 5.3 138 6.5 4.9 5.4 143 t rear (2AH, 2DC, 2NC) at rear (2K3, 2WC, 2MZ, 2ND) at rear (2H9) 6.7
BMW EfficientDynamicstandard features Fuel Consumption El With standard wheels at Urban Extra-urban Combined CO2 With 8J x 18 wheels and Urban Extra-urban Combined CO2 With 8J x 18 wheels at With 8J x 18 wheels at With 8.5J x 20 wheels at With 8.5J x 20 wheels at Urban Extra-urban Combined CO2	U3) Ind tyres: 8J x 17 wh Itr/100 km	ECO PRO mode with coasting function, intellon-demand operation of ancillary units, air flap (EPS), detachable a/c compressor, tyres v BMW BluePerformance to the els, 225/55 R17 tyres (2K1) 6.0 4.6 5.1 134 and with winter tyres (2HM, 2K2, 931) 6.2 4.7 5.3 139 r and 245/45 R18 tyres at front, 275/40 R18 at part and 245/40 R19 tyres at front, 275/35 R19 part and 245/35 R20 tyres at front, 275/30 R20 6.5 4.9 5.5	ligent lightweight construction, control, Electric Power Steering with reduced roll resistance, technology 6.2 4.7 5.3 138 6.5 4.9 5.4 143 t rear (2AH, 2DC, 2NC) at rear (2K3, 2WC, 2MZ, 2ND) at rear (2H9) 6.7 5.1
BMW EfficientDynamicstandard features Fuel Consumption El With standard wheels at Urban Extra-urban Combined CO2 With 8J x 18 wheels and Urban Extra-urban Combined CO2 With 8J x 18 wheels at With 8.5J x 19 wheels at With 8.5J x 20 wheels at With 8.5J x 20 wheels at Urban Extra-urban Combined CO2	u3) nd tyres: 8J x 17 wf ltr/100 km ltr/100 km g/km d 245/45 R18 tyres ltr/100 km ltr/100 km ltr/100 km g/km d 245/45 R18 tyres at front, 9J x 18 at rea at front, 9J x 20 at rea ltr/100 km ltr/100 km ltr/100 km km ltr/100 km	ECO PRO mode with coasting function, intellon-demand operation of ancillary units, air flap (EPS), detachable a/c compressor, tyres v BMW BluePerformance to the els, 225/55 R17 tyres (2K1) 6.0 4.6 5.1 134 and with winter tyres (2HM, 2K2, 931) 6.2 4.7 5.3 139 r and 245/45 R18 tyres at front, 275/40 R18 a par and 245/40 R19 tyres at front, 275/35 R19 ear and 245/35 R20 tyres at front, 275/30 R20 6.5 4.9 5.5 144	ligent lightweight construction, control, Electric Power Steering with reduced roll resistance, technology 6,2 4,7 5,3 138 6,5 4,9 5,4 143 t rear (2AH, 2DC, 2NC) at rear (2K3, 2WC, 2MZ, 2ND) at rear (2H9) 6,7 5,1 5,6 148
BMW EfficientDynamicstandard features Fuel Consumption El With standard wheels at Urban Extra-urban Combined CO2 With 8J x 18 wheels and Urban Extra-urban Combined CO2 With 8J x 18 wheels at With 8J x 18 wheels at With 8.5J x 20 wheels at With 8.5J x 20 wheels at Urban Extra-urban Combined CO2	U3) Ind tyres: 8J x 17 wh Itr/100 km	ECO PRO mode with coasting function, intellon-demand operation of ancillary units, air flap (EPS), detachable a/c compressor, tyres v BMW BluePerformance to the els, 225/55 R17 tyres (2K1) 6.0 4.6 5.1 134 and with winter tyres (2HM, 2K2, 931) 6.2 4.7 5.3 139 r and 245/45 R18 tyres at front, 275/40 R18 at part and 245/40 R19 tyres at front, 275/35 R19 part and 245/35 R20 tyres at front, 275/30 R20 6.5 4.9 5.5	ligent lightweight construction, control, Electric Power Steering with reduced roll resistance, technology 6.2 4.7 5.3 138 6.5 4.9 5.4 143 t rear (2AH, 2DC, 2NC) at rear (2K3, 2WC, 2MZ, 2ND)
BMW EfficientDynamicstandard features Fuel Consumption El With standard wheels at Urban Extra-urban Combined CO2 With 8J x 18 wheels and Urban Extra-urban Combined CO2 With 8J x 18 wheels at With 8.5J x 19 wheels at With 8.5J x 20 wheels at With 8.5J x 20 wheels at Urban Extra-urban Combined CO2	U3) Ind tyres: 8J x 17 wh Itr/100 km	ECO PRO mode with coasting function, intellon-demand operation of ancillary units, air flap (EPS), detachable a/c compressor, tyres v BMW BluePerformance to the els, 225/55 R17 tyres (2K1) 6.0 4.6 5.1 134 and with winter tyres (2HM, 2K2, 931) 6.2 4.7 5.3 139 r and 245/45 R18 tyres at front, 275/40 R18 a par and 245/40 R19 tyres at front, 275/35 R19 ear and 245/35 R20 tyres at front, 275/30 R20 6.5 4.9 5.5 144	ligent lightweight construction, control, Electric Power Steering with reduced roll resistance, technology 6.2 4.7 5.3 138 6.5 4.9 5.4 143 t rear (2AH, 2DC, 2NC) at rear (2K3, 2WC, 2MZ, 2ND) at rear (2H9) 6.7 5.1 5.6

Specifications applicable to ACEA markets, data relevant to homologation applicable in part only to Germany (weight) All technical data are provisional

Height with roof aerial: 1475 mm
 Oil change
 Fuel consumption and CO₂ emissions depend on the selected tyre format
 Data not yet available

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BMW 528i xDrive Sedan, BMW 535i xDrive Sedan, BMW 550i xDrive Sedan.

		BMW 528i xDrive	BMW 535i xDrive	BMW 550i xDrive
Body		4.15	4/5	4/5
No of doors/seats Length/width/height ¹⁾ (unladen)	100.000	4907 / 1860 / 1464	4907 / 1860 / 1464	4907 / 1860 / 1464
Wheelbase	mm	2968	2968	2968
Track, front/rear	mm	1600 / 1627	1600 / 1627	1600 / 1627
Ground clearance	mm	141	141	141
	mm	12.1	12.1	12.1
Turning circle	m onn ltr	70	70	70
Tank capacity Cooling system incl heater	app ltr ltr	9.3	10.2	11.4
Engine oil ²⁾	ltr	5.75	6.5	8.5
Weight, unladen, to DIN/EU	kg	1710 / 1785	1765 / 1840	1880 / 1955
Max load to DIN	kg	600	600	600
Max permissible	kg	2310	2365	2480
Max axle load, front/rear	kg	1100 / 1290	1170 / 1310	1250 / 1320
Max trailer load (12%),	kg	2000 / 750	2000 / 750	2000 / 750
braked/unbraked	ĸy	20001130	20007730	20001130
Max roofload/max towbar dwnl	kg	100 / 90	100 / 90	100 / 90
Luggage comp capacity	Rg_ Itr	520	520	520
Air resistance	Cd x A	0.26 x 2.35	0.27 x 2.35	0.29 x 2.35
All registation	Ou x A	0.20 X 2.00	0.21 \ 2.00	0.23 x 2.00
Engine Config/No of a dobtahan		Straight four / 1	Straight six / /	V90/8/4
Config/No of cyls/valves Engine technology		Straight-four / 4 BMW TwinPower Turbo	Straight-six / 4 BMW TwinPower Turbo	BMW TwinPower Turbo
Engine technology		with Twin-Scroll	with Twin-Scroll	
		turbocharger,	turbocharger,	direct injection (High
		direct injection (High	direct injection (High	Precision Injection) and
		Precision Injection) and		fully variable valve control
		fully variable valve control (VALVETRONIC)	fully variable valve control (VALVETRONIC)	(VALVETRONIC)
Capacity, effective	CC	1997	2979	4395
Stroke / bore	mm	90.1 / 84.0	89.6 / 84.0	88.3 / 89.0
Compression ratio	:1	10.0	10.2	10.0
Fuel grade		Min RON 91	Min RON 91	Min RON 91
Max output	kW/hp	180 / 245	225 / 306	350 / 450
at	rpm	5000 - 6500	5800 - 6000	5500 - 6000
Max torque	Nm	350	400	650
at	rpm	1250 – 4800	1200 – 5000	2000 – 4500
Electrical System				
Battery/installation	Ah/-	90 / luggage comp	90 / luggage comp	90 / luggage comp
Alternator	A/W	170 / 2380	210 / 2940	220 / 3080
Driving Dynamics and Safety	,			
Suspension, front		Double track control arm	axle with separate lower tra	ack arm level, aluminium,
, , , , ,			ıll steering roll radius, anti-c	
Suspension, rear			ulti-arm axle, aluminium, an live, double acoustic separ	
Drakes front			, '	
Brakes, front Diameter	mm		um swing-calliper disc brak 348 x 36 / inner-vented	374 x 36 / inner-vented
Brakes, rear	mm		piston swing-calliper disc l	
Diameter	mm		345 x 24 / inner-vented	345 x 24 / inner-vented
Driving stability systems		Standard: DSC incl ABS ar		
Driving stability systems			Brake Control (DBC), Dry E	
			Assistant, linked to xDrive	
			igement (ICM); optional: Dy e (BMW 535i xDrive, BMW	
Safety equipment			driver and front passenger,	<u> </u>
curety equipment			nead airbags for front and r	
			eats with belt stopper, belt	
		limiter at the front, cras	h-activated headrests at th	e front, crash sensors,
-		11 1 0 :	Tyre Defect Indicator	111. 0
Steering			nd-pinion power steering v	
Steering transmission, overall	:1	17.9	17.9	17.9
Tyres, front/rear		225/55 R17 97W	225/55 R17 97W	245/45 R18 96Y RSC
Rims, front/rear		8J x 17 light-alloy	8J x 17 light-alloy	8J x 18 light-alloy

		BMW 528i xDrive	BMW 535i xDrive	BMW 550i xDrive
BMW Connected Drive				
Comfort			g Enquiry Service, remote-	
		<u> </u>	BMW TeleServices, integra	
Infotainment			e incl Parkinfo, National Info BMW Routes, Office Func	
	ive		Online Update Music Track	
Safety	Option	nal: Adaptive Headlight	s with Bending Lights, vari	able light distribution and
			ntrol, High-Beam Assistant	
			/iew including Side View ar sons, Head-Up Display, Pa	
			function in combination w	
	with 9		ge Warning, Lane Departu	
		Info, Active Protect	ion, Automatic/Enhanced E	mergency Call
T				
Transmission Type of gearbox		Fight-er	peed automatic with Steptro	onic
Gear ratios I	:1	4.714	4.714	4.71
	:1	3,143	3.143	3.14
	:1	2.106	2.106	2.10
IV	:1	1.667	1.667	1.66
V	:1	1.285	1.285	1.28
VI	:1	1.000	1.000	1.000
VII	:1	0.839	0.839	0.839
VIII	:1	0.667	0.667	0.667
R	:1	3.295	3.295	3.317
Final drive	:1	3.231	3.077	2.810
Doufoumoneo				
Performance Power-to-weight ratio	kg/kW	9.5	7.8	5.
Output per litre	kW	90.1	75.5	75.
Acceleration 0–100 km/h		6.3	5.6	4,4
0–1000 m		26.6	25.6	23.3
in 4th gear 80–120 km/l		_	_	
Top speed	km/h	250	250	250
BMW EfficientDynamics			201 0 0 1	
BMW EfficientDynamics, standard features			with recuperation display, a sting function, intelligent light	
standard features			illary units, air flap control, i	
	deta		r, efficiency-optimised rear	
		aiviaer, t	yres with reduced roll resist	ance
Fuel Consumption EU ³⁾				
With standard wheels and ty	/res			
BMW 528i xDrive, BMW 53		heels, 225/55 R17 tyre	es (2K1)	
BMW 550i xDrive: 8J x 18 w	heels and 245/45 F			
Urban	ltr/100 km	8.4	10.5	12.7
Extra-urban	ltr/100 km	5.2	5.9	7.
Combined	ltr/100 km	6.4	7.6	9.2
CO ₂	g/km	149	178	214
With 8J x 18 wheels and 24 Urban	ltr/100 km	with winter tyres (2Hiv 8.7	1, 2N2, 931) 10.8	
Extra-urban	ltr/100 km	5.4	6.1	
Combined	ltr/100 km	6.6	7.8	
CO ₂	g/km	154	183	
With 8J x 18 wheels at front				AH, 2DC, 2NC)
With 8.5J x 19 wheels at fro				
With 8.5J x 20 wheels at fro	nt, 9J x 20 at rear ar			
Urban	ltr/100 km	9.0	11.1	13.0
Extra-urban	ltr/100 km	5.6	6.3	7.2
Combined	ltr/100 km	6.8	8.1	9.3
	allem	159	188	218
CO ₂	g/km	FLIC	ELIC	F1.1/
	grkiii	EU6	EU6	EU
CO ₂ Emission rating	улт	EU6	EU6	EU6
CO ₂	укп	EU6	EU6	EU

Specifications applicable to ACEA markets, data relevant to homologation applicable in part only to Germany (weight) All technical data are provisional

 $^{^{1)}}$ Height with roof aerial: 1475 mm $^{2)}$ Oil change $^{3)}$ Fuel consumption and $\rm CO_2$ emissions depend on the selected tyre format $^{4)}$ Data not yet available

BMW 520d xDrive Sedan, BMW 525d xDrive Sedan.

		BMW 520d xDrive	BMW 525d xDrive
Body			
No of doors/seats		4/5	4/5
Length/width/height ¹⁾ (unladen)	mm	4907 / 1860 / 1464	4907 / 1860 / 1464
Wheelbase	mm	2968	2968
Track, front/rear	mm	1600 / 1627	1600 / 1627
Ground clearance	mm	141	141
Turning circle	m	12.1	12.1
Tank capacity	app ltr	70	70
Cooling system incl heater	ltr	7.0	8.0
Engine oil ²⁾	ltr	5.2	5.2
Weight, unladen, to DIN/EU	kg	1730 / 1805	1765 / 1840
Max load to DIN	kg	600	600
Max permissible	kg	2330	2365
Max axle load, front/rear	kg	1170 / 1300	1170 / 1320
Max trailer load (12%),	kg	2000 / 750	2000 / 750
braked/unbraked "			
Max roofload/max towbar dwnl	kg	100 / 90	100 / 90
Luggage comp capacity	ltr	520	520
Air resistance	Cd x A	0.25 x 2.35	0.26 x 2.35
Engine			
Config/No of cyls/valves		R/4/4	Straight-four / 4
Engine technology		BMW TwinPower Turbo	BMW TwinPower Turbo
Engine technology		technology: variable-	technology with variable-
		geometry turbocharger,	geometry multi-stage
		Common Rail direct	high-pressure
		injection with solenoid	turbocharger, Common
		valve injectors (max.	Rail direct injection with
		injection pressure:	piezo injectors (max.
		1800 bar)	injection pressure: 2000 bar)
Capacity, effective	CC	1995	
Stroke / bore	mm	90.0 / 84.0	90.0 / 84.0
Compression ratio	:1	16.5	16.5
Fuel grade	• • • • • • • • • • • • • • • • • • • •	Diesel	Diesel
Max output	kW/hp	135 / 184	160 / 218
at	rpm	4000	4400
Max torque	Nm	380	450
at		1750	1500
<u>al</u>	rpm	1730	1300
Electrical System			
Battery/installation	Ah/-	90 / luggage comp	90 / luggage comp
Alternator	A/W	180 / 2520	220 / 3080
Driving Dynamics and Safety			
Suspension, front			xle with separate lower track arm level, aluminium,
			steering roll radius, anti-dive
Cuanancian rear			
Suspension, rear		do	n axle, aluminium, anti-squat and anti-dive, puble acoustic separation
Suspension, rear Brakes, front		do Single-piston aluminiun	puble acoustic separation n swing-calliper disc brakes in frame structure
	mm	do	puble acoustic separation
Brakes, front	mm	do Single-piston aluminium 330 x 24 / inner-vented	puble acoustic separation n swing-calliper disc brakes in frame structure
Brakes, front Diameter	mm	do Single-piston aluminium 330 x 24 / inner-vented	ouble acoustic separation in swing-calliper disc brakes in frame structure 348 x 30 / inner-vented
Brakes, front Diameter Brakes, rear	mm	Single-piston aluminium 330 x 24 / inner-vented Single-p 330 x 20 / inner-vented Standard: DSC incl ABS and Control (CBC), Dynamic B Compensation, Start-Off A	ouble acoustic separation n swing-calliper disc brakes in frame structure 348 x 30 / inner-vented iston swing-calliper disc brakes
Brakes, front Diameter Brakes, rear Diameter	mm	Single-piston aluminium 330 x 24 / inner-vented Single-p 330 x 20 / inner-vented Standard: DSC incl ABS and Control (CBC), Dynamic B Compensation, Start-Off A Integrated Chassis Manag Standard: airbags for dri and front passenger, he inertia-reel belts on all sea	ouble acoustic separation n swing-calliper disc brakes in frame structure 348 x 30 / inner-vented iston swing-calliper disc brakes 330 x 20 / inner-vented I Dynamic Traction Control (DTC), Cornering Brake trake Control (DBC), Dry Braking function, Fading ssistant, linked to xDrive all-wheel-drive system in
Brakes, front Diameter Brakes, rear Diameter Driving stability systems	mm	Single-piston aluminium 330 x 24 / inner-vented Single-p 330 x 20 / inner-vented Standard: DSC incl ABS and Control (CBC), Dynamic B Compensation, Start-Off A Integrated Chassis Manag Standard: airbags for dri and front passenger, he inertia-reel belts on all sea	buble acoustic separation in swing-calliper disc brakes in frame structure 348 x 30 / inner-vented iston swing-calliper disc brakes 330 x 20 / inner-vented I Dynamic Traction Control (DTC), Cornering Brake irake Control (DBC), Dry Braking function, Fading ssistant, linked to xDrive all-wheel-drive system in jement (ICM); optional: Dynamic Damper Control iver and front passenger, side airbags for driver and airbags for front and rear seats, three-point ats with belt stopper, belt tightener and belt force activated headrests at the front, crash sensors,
Brakes, front Diameter Brakes, rear Diameter Driving stability systems Safety equipment Steering	mm	Single-piston aluminium 330 x 24 / inner-vented Single-p 330 x 20 / inner-vented Standard: DSC incl ABS and Control (CBC), Dynamic B Compensation, Start-Off A Integrated Chassis Manag Standard: airbags for dri and front passenger, he inertia-reel belts on all sea	buble acoustic separation in swing-calliper disc brakes in frame structure 348 x 30 / inner-vented iston swing-calliper disc brakes 330 x 20 / inner-vented I Dynamic Traction Control (DTC), Cornering Brake irake Control (DBC), Dry Braking function, Fading ssistant, linked to xDrive all-wheel-drive system in jement (ICM); optional: Dynamic Damper Control iver and front passenger, side airbags for driver ad airbags for front and rear seats, three-point ats with belt stopper, belt tightener and belt force activated headrests at the front, crash sensors, Tyre Defect Indicator d-pinion power steering with Servotronic
Brakes, front Diameter Brakes, rear Diameter Driving stability systems Safety equipment	mm	Single-piston aluminium 330 x 24 / inner-vented Single-p 330 x 20 / inner-vented Standard: DSC incl ABS and Control (CBC), Dynamic B Compensation, Start-Off A Integrated Chassis Manag Standard: airbags for dri and front passenger, he inertia-reel belts on all sea limiter at the front, crash-	buble acoustic separation m swing-calliper disc brakes in frame structure 348 x 30 / inner-vented iston swing-calliper disc brakes 330 x 20 / inner-vented I Dynamic Traction Control (DTC), Cornering Brake rake Control (DBC), Dry Braking function, Fading ssistant, linked to xDrive all-wheel-drive system in jement (ICM); optional: Dynamic Damper Control iver and front passenger, side airbags for driver and airbags for front and rear seats, three-point ats with belt stopper, belt tightener and belt force activated headrests at the front, crash sensors, Tyre Defect Indicator

		BN	/IW 520d xDrive	BMW 525d xDrive
Transmission				
Type of gearbox			Eight-speed automatic wit	h Stentronic
Gear ratios	·	:1	4.714	4.714
acai ratios	<u> </u>	:1	3.143	3.143
		:1	2.106	2.106
	IV	:1	1.667	1.667
	V	:1	1,285	1.285
	VI	:1	1.000	1.000
	VII	:1	0.839	0.839
	VIII	:1	0.667	0.667
	R	:1	3,295	3.295
Final drive		:1	3.077	3.077
T III di di IVO			0.077	0.017
Performance				
Power-to-weight	t ratio	kg/kW	12.8	11.0
Output per litre		kW	67.7	80.2
Acceleration	0-100 km/h	sec	8.1	7.0
	0-1000 m	sec	29.1	27.6
in 4th gear 8	30-120 km/h	sec	-	-
Top speed		km/h	228	240
BMW Efficient	Dynamics			
		Compre	essor, efficiency-optimised rear differen reduced roll resistance, BMW BluePe	
Fuel consump	=3)			
	tion EU°′			
		:: 8J x 17 wheels, 2	225/55 R17 tyres (2K1)	
With standard w	heels and tyres		25/55 R17 tyres (2K1) 5.7	5.6
With standard w Urban	heels and tyres	tr/100 km	5.7	
With standard w Urban Extra-urban	heels and tyres	tr/100 km tr/100 km	5.7 4.4	4.6
With standard w Urban Extra-urban Combined	heels and tyres	ltr/100 km ltr/100 km ltr/100 km	5.7	4.6 5.1
With standard w Urban Extra-urban Combined CO ₂	heels and tyres	tr/100 km tr/100 km tr/100 km g/km	5.7 4.4 4.9 129	4.6 5.1
With standard w Urban Extra-urban Combined CO ₂ With 8J x 18 wh	heels and tyres	tr/100 km tr/100 km tr/100 km g/km	5.7 4.4 4.9	4.6 5.1 133
With standard w Urban Extra-urban Combined CO ₂ With 8J x 18 wh Urban	heels and tyres	tr/100 km ltr/100 km ltr/100 km g/km 5 R18 tyres and w	5.7 4.4 4.9 129 th winter tyres (2HM, 2K2, 931)	4.6 5.1 133 6.1
With standard w Urban Extra-urban Combined CO ₂ With 8J x 18 wh Urban Extra-urban	heels and tyres	tr/100 km tr/100 km tr/100 km g/km 5 R18 tyres and w tr/100 km	5.7 4.4 4.9 129 th winter tyres (2HM, 2K2, 931) 5.9	4.6 5.1 133 6.1 4.8
With standard w Urban Extra-urban Combined CO ₂	heels and tyres	ttr/100 km ttr/100 km ttr/100 km g/km 5 R18 tyres and w ttr/100 km	5.7 4.4 4.9 129 th winter tyres (2HM, 2K2, 931) 5.9 4.6	4.6 5.7 133 6.7 4.8 5.3
With standard w Urban Extra-urban Combined CO ₂ With 8J x 18 wh Urban Extra-urban Combined CO ₂ With 8J x 18 wh With 8J x 18 wh With 8J x 18 wh	eels and 245/4 eels at front, 9. heels at front, 9.	tr/100 km tr/100 km g/km 5 R18 tyres and w tr/100 km tr/100 km tr/100 km g/km J x 18 at rear and 2 9J x 19 at rear and	5.7 4.4 4.9 129 th winter tyres (2HM, 2K2, 931) 5.9 4.6 5.1 134 45/45 R18 tyres at front, 275/40 R18 a 245/40 R19 tyres at front, 275/35 R19	4.6 5.1 133 6.1 4.8 5.3 138 t rear (2AH, 2DC, 2NC) at rear (2K3, 2WC, 2MZ, 2ND)
With standard w Urban Extra-urban Combined CO ₂ With 8J x 18 wh Urban Extra-urban Combined CO ₂ With 8J x 18 wh With 8.5J x 19 w With 8.5J x 20 w	eels and 245/4 eels at front, 9. heels at front, yheels at front,	ttr/100 km ttr/100 km g/km 5 R18 tyres and w ttr/100 km ttr/100 km ttr/100 km g/km J x 18 at rear and 2 9J x 19 at rear and 9J x 20 at the rear	5.7 4.4 4.9 129 th winter tyres (2HM, 2K2, 931) 5.9 4.6 5.1 134 45/45 R18 tyres at front, 275/40 R18 a 245/40 R19 tyres at front, 275/35 R19 and 245/35 R20 tyres at front, 275/30	4.6 5.1 133 6.1 4.8 5.3 138 t rear (2AH, 2DC, 2NC) at rear (2K3, 2WC, 2MZ, 2ND) R20 at the rear (2H9)
With standard w Urban Extra-urban Combined CO ₂ With 8J x 18 wh Urban Extra-urban Combined CO ₂ With 8J x 18 wh With 8.5J x 19 w With 8.5J x 20 w Urban	eels and 245/4 eels at front, 9. //heels at front,	ttr/100 km ttr/100 km g/km 5 R18 tyres and w ttr/100 km ttr/100 km ttr/100 km g/km J x 18 at rear and 2 9J x 19 at rear and 9J x 20 at the rear	5.7 4.4 4.9 129 th winter tyres (2HM, 2K2, 931) 5.9 4.6 5.1 134 45/45 R18 tyres at front, 275/40 R18 a 245/40 R19 tyres at front, 275/35 R19 and 245/35 R20 tyres at front, 275/30 6.2	4.6 5.1 133 6.1 4.8 5.3 138 t rear (2AH, 2DC, 2NC) at rear (2K3, 2WC, 2MZ, 2ND) R20 at the rear (2H9)
With standard w Urban Extra-urban Combined CO ₂ With 8J x 18 wh Urban Extra-urban Combined CO ₂ With 8J x 18 wh With 8.5J x 19 w Urban Extra-urban	eels and 245/4 eels at front, 9cheels at front, yheels at front,	ttr/100 km ttr/100 km g/km 5 R18 tyres and w ttr/100 km ttr/100 km ttr/100 km Jx 18 at rear and 2 9J x 19 at rear and 9J x 20 at the rear ttr/100 km	5.7 4.4 4.9 129 th winter tyres (2HM, 2K2, 931) 5.9 4.6 5.1 134 45/45 R18 tyres at front, 275/40 R18 a 245/40 R19 tyres at front, 275/35 R19 and 245/35 R20 tyres at front, 275/30 6.2 4.8	4.6 5.1 133 6.1 4.8 5.3 138 t rear (2AH, 2DC, 2NC) at rear (2K3, 2WC, 2MZ, 2ND) R20 at the rear (2H9) 6.3
With standard w Urban Extra-urban Combined CO ₂ With 8J x 18 wh Urban Extra-urban Combined CO ₂ With 8J x 18 wh With 8.5J x 19 w With 8.5J x 20 w Urban Extra-urban Combined	eels and 245/4 eels at front, 9cheels at front, yheels at front,	ttr/100 km ttr/100 km g/km 5 R18 tyres and w ttr/100 km ttr/100 km ttr/100 km ttr/100 km ttr/100 km J x 18 at rear and 2 9J x 19 at rear and 9J x 20 at the rear ttr/100 km ttr/100 km	5.7 4.4 4.9 129 th winter tyres (2HM, 2K2, 931) 5.9 4.6 5.1 134 45/45 R18 tyres at front, 275/40 R18 a 245/40 R19 tyres at front, 275/35 R19 and 245/35 R20 tyres at front, 275/30 6.2 4.8 5.3	4.6 5.1 133 6.1 4.8 5.3 138 t rear (2AH, 2DC, 2NC) at rear (2K3, 2WC, 2MZ, 2ND) R20 at the rear (2H9) 6.3 5.6
With standard w Urban Extra-urban Combined CO ₂ With 8J x 18 wh Urban Extra-urban Combined CO ₂ With 8J x 18 wh With 8J x 18 wh With 8J x 18 wh	eels and 245/4 eels at front, 9cheels at front, yheels at front,	ttr/100 km ttr/100 km g/km 5 R18 tyres and w ttr/100 km ttr/100 km ttr/100 km Jx 18 at rear and 2 9J x 19 at rear and 9J x 20 at the rear ttr/100 km	5.7 4.4 4.9 129 th winter tyres (2HM, 2K2, 931) 5.9 4.6 5.1 134 45/45 R18 tyres at front, 275/40 R18 a 245/40 R19 tyres at front, 275/35 R19 and 245/35 R20 tyres at front, 275/30 6.2 4.8	4.6 5.1 133 6.1 4.8 5.3 138 t rear (2AH, 2DC, 2NC) at rear (2K3, 2WC, 2MZ, 2ND) R20 at the rear (2H9) 6.3 5.0
With standard w Urban Extra-urban Combined CO ₂ With 8J x 18 wh Urban Extra-urban Combined CO ₂ With 8J x 18 wh With 8J x 18 wh Urban Extra-urban Combined CO ₂ With 8J x 18 wh Urban Extra-urban Combined CO ₂	eels and 245/4 eels at front, 9cheels at front, yheels at front,	ttr/100 km ttr/100 km g/km 5 R18 tyres and w ttr/100 km ttr/100 km ttr/100 km ttr/100 km ttr/100 km J x 18 at rear and 2 9J x 19 at rear and 9J x 20 at the rear ttr/100 km ttr/100 km	5.7 4.4 4.9 129 th winter tyres (2HM, 2K2, 931) 5.9 4.6 5.1 134 45/45 R18 tyres at front, 275/40 R18 a 245/40 R19 tyres at front, 275/35 R19 and 245/35 R20 tyres at front, 275/30 6.2 4.8 5.3 139	4.6 5.1 133 6.1 4.8 5.3 138 t rear (2AH, 2DC, 2NC) at rear (2K3, 2WC, 2MZ, 2ND) R20 at the rear (2H9) 6.3 5.0
With standard w Urban Extra-urban Combined CO ₂ With 8J x 18 wh Urban Extra-urban Combined CO ₂ With 8J x 18 wh With 8J x 18 wh Urban Extra-urban Combined CO ₂ With 8J x 18 wh Urban Extra-urban Combined CO ₂	eels and 245/4 eels at front, 9. //heels at front,	ttr/100 km ttr/100 km g/km 5 R18 tyres and w ttr/100 km ttr/100 km ttr/100 km ttr/100 km ttr/100 km J x 18 at rear and 2 9J x 19 at rear and 9J x 20 at the rear ttr/100 km ttr/100 km	5.7 4.4 4.9 129 th winter tyres (2HM, 2K2, 931) 5.9 4.6 5.1 134 45/45 R18 tyres at front, 275/40 R18 a 245/40 R19 tyres at front, 275/35 R19 and 245/35 R20 tyres at front, 275/30 6.2 4.8 5.3 139	at rear (2K3, 2WC, 2MZ, 2ND)

 $^{^{1)}}$ Height with roof aerial: 1475 mm $^{2)}$ Oil change $^{3)}$ Fuel consumption and $\rm CO_2$ emissions depend on the selected tyre format $^{4)}$ Data not yet available

BMW 530d xDrive Sedan, BMW 535d xDrive Sedan.

		BMW 530d xDrive	BMW 535d xDrive
Body			
No of doors/seats		4/5	4/5
Length/width/height ¹⁾ (unladen)	mm	4907 / 1860 / 1464	4907 / 1860 / 1464
Wheelbase	mm	2968	2968
Track, front/rear	mm	1600 / 1627	1600 / 1627
Ground clearance	mm	141	141
Turning circle	m	12.1	12.1
Tank capacity	app ltr	70	70
Cooling system incl heater	ltr	8.0	8.0
Engine oil ²⁾	ltr	6.7	6.2
Weight, unladen, to DIN/EU	kg	1810 / 1885	1840 / 1915
Max load to DIN	kg	600	600
Max permissible	kg	2410	2440
Max axle load, front/rear	kg	1190 / 1325	1200 / 1330
Max trailer load (12%),	kg	2000 / 750	2000 / 750
braked/unbraked	3		
Max roofload/max towbar dwnl	kg	100 / 90	100 / 90
Luggage comp capacity	ltr	520	520
Air resistance	Cd x A	0.26 x 2.35	0.26 x 2.35
	^/\		2.2.2 X 2.00
Engine			
Config/No of cyls/valves		Straight-six / 4	Straight-six / 4
Engine technology		BMW TwinPower Turbo	BMW TwinPower Turbo
g		technology with variable-	technology with variable-
		geometry turbocharger,	geometry, high-pressure
		Common Rail direct	multi-stage turbocharging,
		injection with solenoid	Common Rail direct
		valve injectors (max. injection pressure:	injection with piezo injectors (max. injection
		1800 bar)	pressure: 2000 bar)
Capacity, effective	CC	2993	2993
Stroke / bore		90.0 / 84.0	90.0 / 84.0
	mm	16.5	16.5
Compression ratio	:1		
Fuel grade	1.3.4.//	Diesel 190 / 258	
Max output	kW/hp	4000	4400
at	rpm	560	630
Max torque	Nm	1500-3000	1500-2500
at	rpm	1300-3000	1300-2300
Floatwicel Cyctem			
Electrical System	Λ I= /	00 / luggagg comp	00 / luggaga gamp
Battery/installation	Ah/-	90 / luggage comp 220 / 3080	90 / luggage comp 220 / 3080
Alternator	A/W	22073080	220 / 3080
Driving Dynamics and Safety		D. H. L.	. 1. 20
Suspension, front			axle with separate lower track arm level, aluminium, all steering roll radius, anti-dive
Suspension, rear			rm axle, aluminium, anti-squat and anti-dive,
		(double acoustic separation
Brakes, front		Single-piston aluminion	um swing-calliper disc brakes in frame structure
Diameter	mm	348 x 30 / inner-vented	348 x 30 / inner-vented 348 x 36 / inner-vented
Brakes, rear		Single-	-piston swing-calliper disc brakes
Diameter	mm	330 x 20 / inner-vented	330 x 20 / inner-vented 345 x 24 / inner-vented
Driving stability systems	;	Standard: DSC incl ABS ar	nd Dynamic Traction Control (DTC), Cornering Brake
3 , ,		Compensation, Start-Off	Brake Control (DBC), Dry Braking function, Fading Assistant, linked to xDrive all-wheel-drive system in agement (ICM); optional: Dynamic Damper Control, Adaptive Drive
Safety equipment		and front passenger, h inertia-reel belts on all se	driver and front passenger, side airbags for driver nead airbags for front and rear seats, three-point eats with belt stopper, belt tightener and belt force th-activated headrests at the front, crash sensors,
			Tyre Defect Indicator
Steering		Hydraulic rack-a	nd-pinion power steering with Servotronic
Steering Steering transmission, overall	:1	Hydraulic rack-a	
	:1		nd-pinion power steering with Servotronic

		В	MW 530d xDrive	BMW 535d xDrive
Transmissio	n			
Type of gearb			Eight-speed automatic wit	th Stantronic
Gear ratios	I	:1	4.714	4.714
Gedi Talios	<u>'</u>	:1	3.143	3.143
		:1 :1	2.106	2.106
	IV	:1	1.667	1.667
	V	:1	1.285	1.285
	V	:1	1.000	1,000
	VI	:1 :1	0.839	0.839
	VII	:1 :1	0.667	0.667
	* * * * * * * * * * * * * * * * * * * *		3.317	3.317
End of the second	R	:1	2.471	2.647
Final drive		:1	2.47 1	2.04
Performance	•			
Power-to-weig	ght ratio	kg/kW	9.5	8.8
Output per litre	e	kW	63.5	76.8
Acceleration	0-100 km/h	sec	5.7	5.1
	0–1000 m	sec	26.1	24.6
in 4th gear	80-120 km/h	sec	-	-
Top speed		km/h	250	250
BMW Efficient			Energy Regeneration with recuperation	
				lligent lightweight construction,
otal laara roato			n-demand operation of ancillary units, ai ressor, efficiency-optimised rear differer reduced roll resistance, BMW BlueP	r flap control, detachable a/c ntial and power divider, tyres with
	nntion Ell ³⁾		n-demand operation of ancillary units, ai ressor, efficiency-optimised rear differer	r flap control, detachable a/c ntial and power divider, tyres with
Fuel Consum		comp	n-demand operation of ancillary units, ai ressor, efficiency-optimised rear differer reduced roll resistance, BMW BlueP	r flap control, detachable a/c ntial and power divider, tyres with
Fuel Consun With standard		comp es: 8J x 17 wheels,	n-demand operation of ancillary units, ai ressor, efficiency-optimised rear differer reduced roll resistance, BMW BlueP 225/55 R17 tyres (2K1)	r flap control, detachable a/c ntial and power divider, tyres with erformance technology
Fuel Consun With standard Urban		comp es: 8J x 17 wheels, ltr/100 km	n-demand operation of ancillary units, ai ressor, efficiency-optimised rear differer reduced roll resistance, BMW BlueP 225/55 R17 tyres (2K1) 6.4	r flap control, detachable a/c ntial and power divider, tyres with erformance technology
Fuel Consun With standard Urban Extra-urban		comp es: 8J x 17 wheels, ltr/100 km ltr/100 km	n-demand operation of ancillary units, ai ressor, efficiency-optimised rear differer reduced roll resistance, BMW BlueP 225/55 R17 tyres (2K1) 6.4 4.9	r flap control, detachable a/c ntial and power divider, tyres with erformance technology 6.8 4.9
Fuel Consum With standard Urban Extra-urban Combined		comp es: 8J x 17 wheels, ltr/100 km ltr/100 km ltr/100 km	n-demand operation of ancillary units, ai ressor, efficiency-optimised rear differer reduced roll resistance, BMW BlueP 225/55 R17 tyres (2K1) 6.4 4.9 5.4	r flap control, detachable a/c ntial and power divider, tyres with erformance technology 6.8 4.9
Fuel Consum With standard Urban Extra-urban Combined CO ₂	wheels and tyre	comp es: 8J x 17 wheels, ltr/100 km ltr/100 km g/km	n-demand operation of ancillary units, ai ressor, efficiency-optimised rear differer reduced roll resistance, BMW BlueP 225/55 R17 tyres (2K1) 6.4 4.9 5.4 142	r flap control, detachable a/c ntial and power divider, tyres with erformance technology 6.8 4.9
Fuel Consum With standard Urban Extra-urban Combined CO ₂ With 8J x 18 v	wheels and tyre	comp es: 8J x 17 wheels, ltr/100 km ltr/100 km ltr/100 km g/km /45 R18 tyres and v	n-demand operation of ancillary units, ai ressor, efficiency-optimised rear differer reduced roll resistance, BMW BlueP 225/55 R17 tyres (2K1) 6.4 4.9 5.4 142 with winter tyres (2HM, 2K2, 931)	r flap control, detachable a/c htial and power divider, tyres with erformance technology 6.8 4.9 5.6 147
Fuel Consum With standard Urban Extra-urban Combined CO ₂ With 8J x 18 v Urban	wheels and tyre	comp es: 8J x 17 wheels, ltr/100 km ltr/100 km ltr/100 km g/km '45 R18 tyres and v ltr/100 km	n-demand operation of ancillary units, airessor, efficiency-optimised rear differer reduced roll resistance, BMW BlueP 225/55 R17 tyres (2K1) 6.4 4.9 5.4 142 vith winter tyres (2HM, 2K2, 931) 6.6	r flap control, detachable a/c htial and power divider, tyres with erformance technology 6.8 4.9 5.6 147
Fuel Consum With standard Urban Extra-urban Combined CO ₂ With 8J x 18 v Urban Extra-urban	wheels and tyre	comp es: 8J x 17 wheels, ltr/100 km ltr/100 km g/km '45 R18 tyres and v ltr/100 km ltr/100 km	n-demand operation of ancillary units, airessor, efficiency-optimised rear differer reduced roll resistance, BMW BlueP 225/55 R17 tyres (2K1) 6.4 4.9 5.4 142 vith winter tyres (2HM, 2K2, 931) 6.6 5.0	r flap control, detachable a/c htial and power divider, tyres with erformance technology 6.8 4.9 5.6 147 7.0 5.1
With standard Urban Extra-urban Combined CO ₂ With 8J x 18 v Urban Extra-urban Combined	wheels and tyre	comp es: 8J x 17 wheels, ltr/100 km ltr/100 km g/km '45 R18 tyres and v ltr/100 km ltr/100 km	n-demand operation of ancillary units, airessor, efficiency-optimised rear differer reduced roll resistance, BMW BlueP 225/55 R17 tyres (2K1) 6.4 4.9 5.4 142 vith winter tyres (2HM, 2K2, 931) 6.6	r flap control, detachable a/c htial and power divider, tyres with erformance technology 6.8 4.9 5.6 147 7.0 5.1
Fuel Consum With standard Urban Extra-urban Combined CO2 With 8J x 18 v Urban Extra-urban Combined CO2 With 8J x 18 v With 8J x 18 v	wheels and 245/	es: 8J x 17 wheels, ltr/100 km ltr/100 km ltr/100 km g/km 45 R18 tyres and v ltr/100 km ltr/100 km g/km gJ x 18 at rear and t, 9J x 19 at rear and	n-demand operation of ancillary units, airessor, efficiency-optimised rear differer reduced roll resistance, BMW BlueP 225/55 R17 tyres (2K1) 6.4 4.9 5.4 142 vith winter tyres (2HM, 2K2, 931) 6.6 5.0 5.6 147 245/45 R18 tyres at front, 275/40 R18 at d 245/40 R19 tyres at front, 275/35 R18	r flap control, detachable a/c ntial and power divider, tyres with erformance technology 6.8 4.9 5.6 147 7.0 5.1 5.8 152 at rear (2AH, 2DC, 2NC) 9 at rear (2K3, 2WC, 2MZ, 2ND)
Fuel Consum With standard Urban Extra-urban Combined CO ₂ With 8J x 18 v Urban Extra-urban Combined CO ₂ With 8J x 18 v With 8J x 18 v With 8J x 18 v	wheels and 245/	es: 8J x 17 wheels, ltr/100 km ltr/100 km ltr/100 km g/km '45 R18 tyres and v ltr/100 km ltr/100 km g/km 9J x 18 at rear and t, 9J x 19 at rear and t, 9J x 20 at the rea	n-demand operation of ancillary units, airessor, efficiency-optimised rear differer reduced roll resistance, BMW BlueP 225/55 R17 tyres (2K1) 6.4 4.9 5.4 142 vith winter tyres (2HM, 2K2, 931) 6.6 5.0 5.6 147 245/45 R18 tyres at front, 275/40 R18 at 245/40 R19 tyres at front, 275/35 R18 rand 245/35 R20 tyres at front, 275/30	r flap control, detachable a/c ntial and power divider, tyres with erformance technology 6.8 4.9 5.6 147 7.0 5.1 5.8 152 at rear (2AH, 2DC, 2NC) 9 at rear (2K3, 2WC, 2MZ, 2ND) R20 at the rear (2H9)
Fuel Consum With standard Urban Extra-urban Combined CO ₂ Urban Extra-urban Combined CO ₂ With 8J x 18 v With 8J x 18 v With 8J x 18 v With 8J x 20 Urban	wheels and 245/	es: 8J x 17 wheels, ltr/100 km ltr/100 km ltr/100 km g/km /45 R18 tyres and v ltr/100 km ltr/100 km ltr/100 km g/km gJ x 18 at rear and t, 9J x 19 at rear and t, 9J x 20 at the rear	n-demand operation of ancillary units, ai ressor, efficiency-optimised rear differer reduced roll resistance, BMW BlueP 225/55 R17 tyres (2K1) 6.4 4.9 5.4 142 with winter tyres (2HM, 2K2, 931) 6.6 5.0 5.6 147 245/45 R18 tyres at front, 275/40 R18 at 245/40 R19 tyres at front, 275/35 R19 r and 245/35 R20 tyres at front, 275/30 6.8	r flap control, detachable a/c ntial and power divider, tyres with erformance technology 6.8 4.9 5.6 147 7.0 5.1 5.8 152 at rear (2AH, 2DC, 2NC) 9 at rear (2K3, 2WC, 2MZ, 2ND) R20 at the rear (2H9) 7.2
Fuel Consum With standard Urban Extra-urban Combined CO ₂ With 8J x 18 v Urban Extra-urban Combined CO ₂ With 8J x 18 v With 8J x 18 v With 8.5J x 19 With 8.5J x 20 Urban Extra-urban	wheels and 245/	comp es: 8J x 17 wheels, itr/100 km itr/100 km g/km 45 R18 tyres and v itr/100 km itr/100 km itr/100 km g/km 3J x 18 at rear and v 3J x 19 at rear and v 5, 9J x 20 at the rear altr/100 km itr/100 km	n-demand operation of ancillary units, airessor, efficiency-optimised rear differer reduced roll resistance, BMW BlueP 225/55 R17 tyres (2K1) 6.4 4.9 5.4 142 with winter tyres (2HM, 2K2, 931) 6.6 5.0 5.6 147 245/45 R18 tyres at front, 275/40 R18 at 245/40 R19 tyres at front, 275/35 R19 r and 245/35 R20 tyres at front, 275/30 6.8 5.2	r flap control, detachable a/c ntial and power divider, tyres with erformance technology 6.8 4.9 5.6 147 7.0 5.1 5.8 152 at rear (2AH, 2DC, 2NC) 9 at rear (2K3, 2WC, 2MZ, 2ND) R20 at the rear (2H9) 7.2 5.2
Fuel Consum With standard Urban Extra-urban Combined CO ₂ With 8J x 18 v Urban Extra-urban Combined CO ₂ With 8J x 18 v With 8J x 18 v With 8.5J x 19 With 8.5J x 20 Urban Extra-urban Combined	wheels and 245/	comp 28: 8J x 17 wheels, 1tr/100 km 1tr/100 km 25 R18 tyres and v 25 R18 tyres and v 26 R18 tyres and v 27 R18 tyres and v 28 R18 tyres and v 29 Ltr/100 km 29 Ltr/100 km 29 Ltr/100 km 30 x 18 at rear and v 30 x 19 at rear and v 30 x 20 at the rear 31 tr/100 km 32 Ltr/100 km 33 Ltr/100 km	n-demand operation of ancillary units, ai ressor, efficiency-optimised rear differer reduced roll resistance, BMW BlueP 225/55 R17 tyres (2K1) 6.4 4.9 5.4 142 with winter tyres (2HM, 2K2, 931) 6.6 5.0 5.6 147 245/45 R18 tyres at front, 275/40 R18 at d 245/40 R19 tyres at front, 275/35 R15 r and 245/35 R20 tyres at front, 275/30 6.8 5.2 5.8	r flap control, detachable a/c ntial and power divider, tyres with erformance technology 6.8 4.9 5.6 147 7.0 5.1 5.8 152 at rear (2AH, 2DC, 2NC) 9 at rear (2K3, 2WC, 2MZ, 2ND) R20 at the rear (2H9) 7.2 6.0
Fuel Consun With standard Urban Extra-urban Combined CO ₂ With 8J x 18 v Urban Extra-urban Combined CO ₂ With 8J x 18 v With 8.5J x 18 v With 8.5J x 20 Urban Extra-urban Combined CO ₂	wheels and tyre wheels and 245/	comp es: 8J x 17 wheels, itr/100 km itr/100 km g/km 45 R18 tyres and v itr/100 km itr/100 km itr/100 km g/km 3J x 18 at rear and v 3J x 19 at rear and v 5, 9J x 20 at the rear altr/100 km itr/100 km	n-demand operation of ancillary units, ai ressor, efficiency-optimised rear differer reduced roll resistance, BMW BlueP 225/55 R17 tyres (2K1) 6.4 4.9 5.4 142 vith winter tyres (2HM, 2K2, 931) 6.6 5.0 5.6 147 245/45 R18 tyres at front, 275/40 R18 at d 245/40 R19 tyres at front, 275/35 R15 r and 245/35 R20 tyres at front, 275/30 6.8 5.2 5.8 152	r flap control, detachable a/c ntial and power divider, tyres with erformance technology 6.8 4.9 5.6 147 7.0 5.1 5.8 152 at rear (2AH, 2DC, 2NC) 9 at rear (2K3, 2WC, 2MZ, 2ND) R20 at the rear (2H9) 7.2 6.0 157
Fuel Consum With standard Urban Extra-urban Combined CO ₂ With 8J x 18 v Urban Extra-urban Combined CO ₂ With 8J x 18 v With 8.5J x 18 v With 8.5J x 20 Urban Extra-urban Combined	wheels and tyre wheels and 245/	comp 28: 8J x 17 wheels, 1tr/100 km 1tr/100 km 25 R18 tyres and v 25 R18 tyres and v 26 R18 tyres and v 27 R18 tyres and v 28 R18 tyres and v 29 Ltr/100 km 29 Ltr/100 km 29 Ltr/100 km 30 x 18 at rear and v 30 x 19 at rear and v 30 x 20 at the rear 31 tr/100 km 32 Ltr/100 km 33 Ltr/100 km	n-demand operation of ancillary units, ai ressor, efficiency-optimised rear differer reduced roll resistance, BMW BlueP 225/55 R17 tyres (2K1) 6.4 4.9 5.4 142 with winter tyres (2HM, 2K2, 931) 6.6 5.0 5.6 147 245/45 R18 tyres at front, 275/40 R18 at d 245/40 R19 tyres at front, 275/35 R15 r and 245/35 R20 tyres at front, 275/30 6.8 5.2 5.8	r flap control, detachable a/c ntial and power divider, tyres with erformance technology 6.8 4.9 5.6 147 7.0 5.1 5.8 152 at rear (2AH, 2DC, 2NC) 9 at rear (2K3, 2WC, 2MZ, 2ND)
Fuel Consun With standard Urban Extra-urban Combined CO ₂ With 8J x 18 v Urban Extra-urban Combined CO ₂ With 8J x 18 v With 8.5J x 18 v With 8.5J x 20 Urban Extra-urban Combined CO ₂	wheels and 245/ wheels at front, 9 wheels at front 0 wheels at front	comp 28: 8J x 17 wheels, 1tr/100 km 1tr/100 km 25 R18 tyres and v 25 R18 tyres and v 26 R18 tyres and v 27 R18 tyres and v 28 R18 tyres and v 29 Ltr/100 km 29 Ltr/100 km 29 Ltr/100 km 30 x 18 at rear and v 30 x 19 at rear and v 30 x 20 at the rear 31 tr/100 km 32 Ltr/100 km 33 Ltr/100 km	n-demand operation of ancillary units, ai ressor, efficiency-optimised rear differer reduced roll resistance, BMW BlueP 225/55 R17 tyres (2K1) 6.4 4.9 5.4 142 vith winter tyres (2HM, 2K2, 931) 6.6 5.0 5.6 147 245/45 R18 tyres at front, 275/40 R18 at d 245/40 R19 tyres at front, 275/35 R15 r and 245/35 R20 tyres at front, 275/30 6.8 5.2 5.8 152	r flap control, detachable a/c htial and power divider, tyres with erformance technology 6.8 4.9 5.6 147 7.0 5.1 5.8 152 at rear (2AH, 2DC, 2NC) 9 at rear (2K3, 2WC, 2MZ, 2ND) R20 at the rear (2H9) 7.2 6.0 157

 $^{^{1)}}$ Height with roof aerial: 1475 mm $^{2)}$ Oil change $^{3)}$ Fuel consumption and CO_2 emissions depend on the selected tyre format $^{4)}$ Data not yet available

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BMW M550d xDrive Sedan.

		BMW M550d xDrive
Body		A 1.5
No of doors/seats		4/5
Length/width/height ¹⁾ (unladen)	mm	4910 / 1860 / 1454
Wheelbase	mm	2968
Track, front/rear	mm	1594 / 1599 131
Ground clearance	mm	12.1
Turning circle	m	70
Tank capacity	app ltr	12.6
Cooling system incl heater Engine oil ²⁾	ltr Itr	6.5
Weight, unladen, to DIN/EU	kg	1880 / 1955
Max load to DIN	kg	580
Max permissible	kg	2460
Max axle load, front/rear	kg	1240 / 1130
Max trailer load (12%),	kg	124071130
braked/unbraked	ky	2000 / 750
Max roofload/max towbar dwnl	kg	100 / 90
Luggage comp capacity	kg Itr	520
Air resistance	Cd x A	0.30 x 2.35
All Tesistance	OU XA	0.00 × 2.00
Engine		
Config/No of cyls/valves		Straight-six / 4
Engine technology		M Performance TwinPower Turbo technology
Engine technology		with three multi-stage variable-geometry turbochargers, Common Rail direct injection with piezo injectors (max. injection pressure:
Constitute official		2200 bar) 2993
Capacity, effective	CC	2993
Stroke / bore	mm	90.0784.0
Compression ratio	:1	Diesel
Fuel grade May output	IAA//bo	280 / 381
Max output	kW/hp	4000 – 4400
at Max torque	rpm Nm	740
at	rpm	2000 – 3000
<u> </u>	тріті	2000 0000
Electrical System		
Battery/installation	Ah/-	90 / luggage comp
Alternator	A/W	220 / 3080
Driving Dynamics and Safety		
Suspension, front	N	Double track control arm axle with separate lower track arm level, aluminium, M-specific damping and suspension tuning, small steering roll radius, anti-dive
Suspension, rear		Integral-V multi-arm axle, aluminium, double acoustic separation, M- specific damping and suspension tuning, anti-squat and anti-dive
Brakes, front		Single-piston aluminium swing-calliper disc brakes in frame structure
Diameter	mm	374 x 36 / inner-vented
Brakes, rear		Single-piston swing-calliper disc brakes
Diameter	mm	345 x 24 / inner-vented
Driving stability systems		tandard: DSC incl ABS and Dynamic Traction Control (DTC), Cornering Brake Control (CBC), Dynamic Brake Control (DBC), Dry Braking function, Fading Compensation, Start-Off Assistant, linked to xDrive all-wheel-drive system in Integrated Chassis Management (ICM); optional: Adaptive Drive
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for front and rear seats, three-point inertia-reel belts on all seats with belt tightener and belt force limiter at the front, crash-activated headrests at the front, crash sensors, run-flat tyres, Tyre Defect Indicator
Steering		Hydraulic rack-and-pinion power steering with M-specific Servotronic
Steering transmission, overall	:1	With M-specific Servotronic 17.9
Tyres, front/rear	.1	245/40 R19 94Y RSC 275/35 R19 96Y RSC
Rims, front/rear		8.5J x 19 light-alloy

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			BMW M550d xDrive
Transmissio			
Type of gearb			
Gear ratios	l I	:1	4.714
Geal Tallos	<u>'</u>	:1	3.143
		:1	2.106
	IV	:1	1.667
	V	:1	1.285
		:1	1.000
	VII	:1	0.839
	VIII	:1	0.665
	R	:1	3.317
Final drive	К	:1	2.813
rinai unive		.1	2.010
Performance	e		
Power-to-weigh	ght ratio	kg/kW	6.7
Output per litr	е	kW	93.6
Acceleration	0–100 km/h	sec	4.7
	0–1000 m	sec	23.7
in 4th gear	80-120 km/h	sec	-
Top speed		km/h	250
BMW Efficie	ntDynamics		
BMW Efficien			Brake Energy Regeneration with recuperation display, Auto Start Stop function,
standard featu			ECO PRO mode with coasting function, intelligent lightweight construction, on-demand operation of ancillary units, air flap control, detachable a/c compressor, efficiency-optimised rear differential and power divider, tyres with reduced roll resistance, BMW BluePerformance technology
F O			
Fuel Consum Urban	iiption EU	ltr/100 km	7.5
Extra-urban		ltr/100 km	5.4
Combined		ltr/100 km	6.2
CO ₂		g/km	162
Emission ratin	ıg	gnan	EU6
Insurance C	ategory		
(Germany)	atogory		
KH / VK / TK			3)

Height with roof aerial: 1465 mm
 Oil change
 Fuel consumption and CO₂ emissions depend on the selected tyre format
 Data not yet available

BMW 520i Touring, BMW 528i Touring.

		BMW 520i Touring	BMW 528i Touring
Body			
No of doors/seats		5/5	5/5
Length/width/height ¹⁾ (unladen)	mm	4907 / 1860 / 1462	4907 / 1860 / 1462
Wheelbase	mm	2968	2968
Track, front/rear	mm	1600 / 1626	1600 / 1626
Ground clearance	mm	141	141
Turning circle	m	12.0	12.0
Tank capacity	app ltr	70	70
Cooling system incl heater	ltr	9.1 (9.3)	9.1 (9.3)
Engine oil ²⁾	ltr	5.75	5.75
Weight, unladen, to DIN/EU	kg	1710 / 1785	1715 / 1790
Max load to DIN	kg	(1730 / 1805)	(1735 / 1810)
Max permissible	kg	2350 (2370)	2355 (2375)
Max axle load, front/rear	kg	1070 / 1415	1070 / 1415
Max trailer load (12%),	kg	2000 / 750	2000 / 750
braked/unbraked	ĸy	20001130	2000/130
Max roofload/max towbar dwnl	kg	100 / 90	100 / 90
Luggage comp capacity	ltr	560–1670	560–1670
Air resistance	Cd x A	⁴⁾ x 2.35	⁴⁾ x 2.35
Engine			
Config/No of cyls/valves		Straight-four / 4	Straight-four / 4
Engine technology		BMW TwinPower Turbo	BMW TwinPower Turbo
		with Twin-Scroll	with Twin-Scroll
		turbocharger,	turbocharger,
		direct injection (High Precision Injection) and	direct injection (High Precision Injection) and
		fully variable valve control	fully variable valve control
		(VALVETRONIC)	(VALVETRONIC)
Capacity, effective	CC	1997	1997
Stroke / bore	mm	90.1 / 84.0	90.1 / 84.0
Compression ratio	:1	10.0	10.0
Fuel grade		Min RON 91	Min RON 91
Max output	kW/hp	135 / 184	180 / 245
at	rpm	5000 - 6250	5000 – 6500
Max torque	Nm	270	350
at	rpm	1250 – 4500	1250 – 4800
Electrical System			
Battery/installation	Ah/-	90 / luggage comp	90 / luggage comp
Alternator	A/W	170 / 2380	170 / 2380
Driving Dynamics and Safety	,		
Suspension, front			axle with separate lower track arm level, aluminium,
			Il steering roll radius, anti-dive
Suspension, rear			, aluminium, with steering function, anti-squat and ustic separation, air suspension with automatic self-levelling
Brakes, front		Single-nieton aluminiu	um swing-calliper disc brakes in frame structure
Diameter	mm	330 x 24 / inner-vented	348 x 30 / inner-vented
Brakes, rear	111111		piston swing-calliper disc brakes
Diameter	mm	330 x 20 / inner-vented	330 x 20 / inner-vented
Driving stability systems	111111		nd DTC Dynamic Traction Control, CBC Cornering
Driving stability systems		Brake Control, DBC Dyn	namic Brake Control, Dry Braking function, Fading Off Assistant; optional: Dynamic Damper Control
Safety equipment		Standard: airbags for d and front passenger, h inertia-reel belts on all se	river and front passenger, side airbags for driver lead airbags for front and rear seats, three-point leats with belt stopper, belt tightener and belt force n-activated headrests at the front, crash sensors, Tyre Defect Indicator
Steering			wer Steering (EPS) with Servotronic; onal: Integral Active Steering
Steering transmission, overall	:1	17.1	17.1
Tyres, front/rear		225/55 R17 97W	225/55 R17 97Y

		E	BMW 520i Touring	BMW 528i Touring
Transmissi	on			
Type of gear			Six-speed manual (optional: eight-sp	need automatic with Steptronic)
Gear ratios	I	:1	3.683 (4.714)	3.683 (4.714)
acai ratios	· ·	:1	2.062 (3.143)	2.062 (3.143)
		:1	1.313 (2.106)	1.313 (2.106)
	IV	:1	1.000 (1.667)	1.000 (1.667)
	V	:1	0.809 (1.285)	0.809 (1.285)
	VI	:1	0.677 (1.000)	0.677 (1.000)
	VII	:1	- (0.839)	- (0.839)
	VIII	:1	- (0.667)	- (0.667)
	R	:1	3.348 (3.295)	3.348 (3.295)
Final drive	11	:1	3.909 (3.231)	3.909 (3.231)
Performano	ce			
Power-to-we	eight ratio	kg/kW	12.7 (12.8)	9.5 (9.6)
Output per li	tre	kW	67.6	90.1
Acceleration	0-100 km/h	sec	8.3 (8.3)	6.4 (6.5)
	0–1000 m km	sec	29.6 (29.7)	26.5 (26.6)
in 4th gear	80-120 km/h	sec	8.1 / 11.2 (–)	6.7 / 9.0 (–)
Top speed		km/h	226 (225)	248 (247)
BMW Effici	entDynamics			
standard fea	tures	coast	arshift point indicator (on manual gear ing function (on automatic models), ir mand operation of ancillary units, air f (EPS), map-controlled oil pump, tyres with reduced	ntelligent lightweight construction, on- lap control, Electric Power Steering detachable a/c compressor,
Fuel Consu	ımption EU ³⁾			
		es: 8J x 17 wheels	s, 225/55 R17 tyres (2K1)	
Urban		ltr/100 km	8.9 (8.6)	9.3 (8.0)
Extra-urban		ltr/100 km	5.5 (5.0)	5.6 (5.0)
Combined		ltr/100 km	6.7 (6.3)	7.0 (6.1)
CO ₂		g/km	157 (147)	162 (142)
With 8J x 18	wheels and 245	45 R18 tyres and	with winter tyres (2HM, 2K2, 2DD, 2	AK, 2NA, 931)
Urban		ltr/100 km	9.2 (8.9)	9.6 (8.3)
Extra-urban		ltr/100 km	5.7 (5.2)	5.7 (5.1)
Combined		ltr/100 km	7.0 (6.5)	7.2 (6.3)
CO ₂		g/km	162 (152)	167 (147)
	19 wheels and 24		K4, 2WD, 2M3, 2NB)	
Urban		Itr/100 km	9.5 (9.1)	9.9 (8.6)
Extra-urban		Itr/100 km	5.8 (5.3)	5.9 (5.3)
Combined		Itr/100 km	7.2 (6.7)	7.4 (6.5)
CO ₂		g/km	167 (157)	172 (152)
Emission rati	ina	3	EU6	EU6
Liniosionitati	a			

Specifications applicable to ACEA markets, data relevant to homologation applicable in part only to Germany (weight) Figures in brackets apply to automatic transmission models All technical data are provisional

Insurance Category (Germany) KH/VK/TK

 $^{^{1)}}$ Height with roof aerial: 1475 mm $^{2)}$ Oil change $^{3)}$ Fuel consumption and $\rm CO_2$ emissions depend on the selected tyre format $^{4)}$ Data not yet available

BMW 535i Touring, BMW 550i Touring.

		BMW 535i Touring	BMW 550i Touring
Body			
No of doors/seats		5/5	5/5
Length/width/height ¹⁾ (unladen)	mm	4907 / 1860 / 1462	4907 / 1860 / 1462
Wheelbase	mm	2968	2968
Track, front/rear	mm	1600 / 1626	1600 / 1626
Ground clearance	mm	141	141
Turning circle	m	12.0	12.0
Tank capacity	app ltr	70	70
Cooling system incl heater	ltr	10.1 (10.2)	11.6
Engine oil ²⁾	ltr	6.5	9.0
Weight, unladen, to DIN/EU	kg	1770 / 1845	1925 / 2000
Max load to DIN	- ka	(1785 / 1860) 650	630
	kg	2420 (2435)	2555
Max permissible	kg	1100 / 1400	1195 / 1420
Max axle load, front/rear	kg		
Max trailer load (12%), braked/unbraked	kg	2000 / 750	2000 / 750
Max roofload/max towbar dwnl	kg	100 / 90	100/90
Luggage comp capacity	 Itr	560 – 1670	560 – 1670
Air resistance	Cd x A	⁴⁾ x 2.35	⁴⁾ x 2.35
Engine			
Engine Config/No of cyls/valves		Straight-six / 4	V90/8/4
Engine technology	Е	BMW TwinPower Turbo	BMW TwinPower Turbo
_ igine teemielegy		technology with Twin-	with two turbochargers
		croll turbocharger, direct	direct injection (High
		njection (High Precision	Precision Injection) and
	lnj	ection) and fully variable	fully variable valve control
		valve control (VALVETRONIC)	(VALVETRONIC)
Capacity, effective	CC	2979	4395
Stroke / bore	mm	89.6 / 84.0	88.3 / 89.0
Compression ratio	:1	10.2	10.0
Fuel grade	• • • • • • • • • • • • • • • • • • • •	Min RON 91	Min RON 91
Max output	kW/hp	225 / 306	350 / 450
at	rpm	5800 - 6000	5500 – 6000
Max torque	Nm	400	650
at	rpm	210 / 2940	210 / 2940
Electrical October			
Electrical System Battery/installation	Ah/-	90 / luggage comp	90 / luggage comp
Alternator	AW	210 / 2940	220 / 3080
7 HEOTHALOI	, , , , , ,		
Driving Dynamics and Safety		No. 1610 to 2011 a control a con-	
Suspension, front	L		axle with separate lower track arm level, aluminium, all steering roll radius, anti-dive
Suspension, rear		Integral-V multi-arm axle	e, aluminium, with steering function, anti-squat and
,		anti-dive, double aco	ustic separation, air suspension with automatic self-levelling
Brakes front		Single pictor aluminis	um swing-calliper disc brakes in frame structure
Brakes, front Diameter	mm	348 x 36 / inner-vented	• '
	mm		
Brakes, rear			piston swing-calliper disc brakes
Diameter	mm	345 x 24 / inner-vented	
Driving stability systems	S	Brake Control, DBC Dyr Compensation, Start-C	and DTC Dynamic Traction Control, CBC Cornering namic Brake Control, Dry Braking function, Fading Off Assistant; optional: Dynamic Damper Control, Adaptive Drive (BMW 535i)
Safety equipment		and front passenger, hinertia-reel belts on all se	driver and front passenger, side airbags for driver nead airbags for front and rear seats, three-point eats with belt stopper, belt tightener and belt force h-activated headrests at the front, crash sensors, Tyre Defect Indicator
Steering		opt	wer Steering (EPS) with Servotronic; ional: Integral Active Steering
Steering transmission, overall	:1	17.1	17.1
Tyres, front/rear		225/55 R17 97Y	245/45 R18 96Y RSC
Rims, front/rear		8J x 17 light-alloy	8J x 18 light-alloy

Transmissio	on			
Type of gearl	box		Six-speed manual	Eight-speed automatic with
		(optional: eight-speed	Steptronic
			automatic with	
			Steptronic)	
Gear ratios	I	:1	4.110 (4.714)	4.714
	II	: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)	3.317
Final drive		:1	3.231 (3.077)	2.647
Performanc	:e			
Power-to-we		kg/kW	7.9 (7.9)	5.8
Output per lit	<u> </u>	kW	75.5	75.1
Acceleration	0-100 km/h	sec	5.8 (5.8)	4.7
	0–1000 m	sec	25.3 (25.7)	23.5
in 4th gear	80-120 km/h	sec	6.1 / 7.3 (–)	-
Top speed		km/h	250 (250)	250
BMW Efficie	entDynamics			
BMW Efficier		Brak	e Energy Regeneration with recu	peration display, Auto Start Stop function,
standard feat	,			gearbox models), ECO PRO mode with
				s), intelligent lightweight construction, on-
		de		air flap control, Electric Power Steering
				mp, detachable a/c compressor, iced roll resistance
			tyres with redu	iced foil resistance
Fuel Consu	mption EU ³⁾			
With standard	d wheels and tyr	es: 8J x 17 whee	ls, 225/55 R17 tyres (2K1)	
Urban		ltr/100 km	11.2 (10.3)	12.3
Extra-urban		ltr/100 km	6.3 (5.8)	6.9
Combined		ltr/100 km	8.1 (7.5)	8.8
CO ₂		g/km	188 (174)	206
With 8J x 18	wheels and 245		d with winter tyres (2HM, 2K2, 2D	D, 2AK, 2NA, 931)
Urban		ltr/100 km	11.5 (10.6)	-
Extra-urban		ltr/100 km	6.4 (6.0)	-
Combined		ltr/100 km	8.3 (7.7)	
CO ₂		g/km	193 (179)	
	9 wheels and 24		2K4, 2WD, 2M3, 2NB)	
Urban		ltr/100 km	11.8 (10.9)	12.7
Extra-urban		ltr/100 km	6.6 (6.2)	7.1
Combined		ltr/100 km	8.5 (7.9)	9.1
CO ₂		g/km	198 (184)	213

BMW 535i Touring

BMW 550i Touring

EU6

Specifications applicable to ACEA markets, data relevant to homologation applicable in part only to Germany (weight) Figures in brackets apply to automatic transmission models All technical data are provisional

EU6

Emission rating

Insurance Category (Germany) KH/VK/TK

Height with roof aerial: 1475 mm
 Oil change
 Fuel consumption and CO₂ emissions depend on the selected tyre format
 Data not yet available

BMW 518d Touring, BMW 520d Touring, BMW 525d Touring.

		BMW 518d Touring	BMW 520d Touring	BMW 525d Touring
Body				
No of doors/seats		5/5	5/5	5/5
Length/width/height ¹⁾ (unladen)	mm	4907 / 1860 / 1462	4907 / 1860 / 1462	4907 / 1860 / 1462
Wheelbase	mm	2968	2968	2968
Track, front/rear	mm	1600 / 1626	1600 / 1626	1600 / 1626
Ground clearance	mm	141	141	141
Turning circle	m	12.0	12.0	12.0
Tank capacity	app ltr	70	70	70
Cooling system incl heater	ltr	7.0	7.0	9.0
Engine oil ²⁾	ltr	5.2	5.2	5.2
Weight, unladen, to DIN/EU	kg	1720 / 1795 (1730 / 1805)	1725 / 1800 (1735 / 1810)	1750 / 1825 (1760 /1835)
Max load to DIN	kg	650	650	650
Max permissible	kg	2370 (2380)	2375 (2385)	2400 (2410)
Max axle load, front/rear	kg	1060 / 1420	1060 / 1420	1100 / 1410
Max trailer load (12%),	kg	2000 / 750	1800 (2000) / 750	2000 / 750
braked/unbraked				
Max roofload/max towbar dwnl	kg	100 / 90	100 / 90	100 / 90
Luggage comp capacity	ltr	560 – 1670	560 – 1670	560 – 1670
Air resistance	Cd x A	⁴⁾ x 2.35	⁴⁾ x 2.35	⁴⁾ x 2.35
Engine				
Config/No of cyls/valves		Straight-four / 4	Straight-four / 4	Straight-four / 4
Engine technology		BMW TwinPower Turbo technology with variable-	BMW TwinPower Turbo	BMW TwinPower Turbo
		geometry turbocharger,	technology with variable- geometry turbocharger,	technology with multi- stage variable-geometry
		Common Rail direct	Common Rail direct	high-pressure
		injection with solenoid	injection with solenoid	turobocharger, Common
		valve injectors (max.	valve injectors (max.	Rail direct injection with
		injection pressure:	injection pressure:	piezo injectors (max.
		1800 bar)	1800 bar)	injection pressure: 2000 bar)
Capacity, effective	CC	1995	1995	
Stroke / bore	mm	90.0 / 84.0	90.0 / 84.0	90.0 / 84.0
Compression ratio	:1	16.5	16.5	16.5
Fuel grade		Diesel	Diesel	Diesel
Max output	kW/hp	105 / 143	135 / 184	160 / 218
at	rpm	4000	4000	4400
Max torque	Nm	360	380	450
at	rpm	1750	1750	1500
Electrical System				
Battery/installation	Ah/–	90 / luggage comp	90 / luggage comp	90 / luggage comp
Alternator	AW	180 / 2520	180 / 2520	180 / 2520
, atomator	,,,,,	10072020	10072020	10072020
Driving Dynamics and Safety	,			
Suspension, front		Double track control arm	axle with separate lower tra	ack arm level, aluminium,
			ıll steering roll radius, anti-c	
Suspension, rear			e, aluminium, with steering ustic separation, air susper	
Dualina front		Clearle at the state of the	self-levelling	and in formal and the state of
Brakes, front		<u> </u>	um swing-calliper disc brak	
Diameter	mm		330 x 24 / inner-vented	348 x 30 / inner-vented
Brakes, rear			piston swing-calliper disc b	
Diameter	mm		330 x 20 / inner-vented	330 x 20 / inner-vented
Driving stability systems		Brake Control, DBC Dyr	and DTC Dynamic Traction namic Brake Control, Dry B Off Assistant; optional: Dyn	raking function, Fading
Safety equipment		Standard: airbags for c	driver and front passenger,	side airbags for driver
carety equipment			nead airbags for front and r	
			eats with belt stopper, belt h-activated headrests at th Tyre Defect Indicator	
Steering			wer Steering (EPS) with Se	
-			ional: Integral Active Steeri	
Steering transmission, overall	:1	17.1	17.1	17.1
Tyres, front/rear		225/55 R17 97W	225/55 R17 97W	225/55 R17 97W
Rims, front/rear		8J x 17 light-alloy	8J x 17 light-alloy	8J x 17 light-alloy

		I	BMW 518d Touring	BMW 520d Touring	BMW 525d Touring
Transmissio	\n				
Type of gearb			Six-speed manual (on	ntional: eight-speed automa	atic with Stentronic)
Gear ratios	I	:1	4.110 (4.714)	4.110 (4.714)	4.110 (4.714
deal ratios	<u>'</u>	:1	2.248 (3.143)	2.248 (3.143)	2.248 (3.143
		:1	1.403 (2.106)	1.403 (2.106)	1.403 (2.106
	IV	:1	1.000 (1.667)	1.000 (1.667)	1.000 (1.667
	V	:1	0.802 (1.285)	0.802 (1.285)	0.802 (1.285
	VI	:1	0.659 (1.000)	0.659 (1.000)	0.659 (1.000
	VII	:1	- (0.839)	- (0.839)	- (0.839
	VIII	:1	- (0.667)	- (0.667)	- (0.667
	R	:1	3.727 (3.295)	3.727 (3.295)	3.727 (3.295
Final drive		:1	3.385 (3.077)	3.462 (3.077)	3.462 (2.929
Performance	Δ				
Power-to-wei		kg/kW	16.4 (16.5)	12.8 (12.9)	10.9 (11.0
Output per liti	<u> </u>	kW	52.6	67.7	80.2
Acceleration	0–100 km/h	sec	10.1 (10.0)	8.3 (8.2)	7.2 (7.1
7.000.010.01.	0–1000 m	sec	31.7 (31.6)	29.3 (29.4)	27.9 (27.9
in 4th gear	80–120 km/h	sec	8.2 / 10.2 (–)	7.1 / 9.1 (–)	6.1 / 7.7 (–
Top speed	00 120 141111	km/h	206 (205)	227 (224)	240 (237
DAMALECC:					
BMW Efficien Standard featu	ntDynamics,	coa coa	earshift point indicator (sting function (on autom lemand operation of anc EPS), detachable a/c cor	n with recuperation display, on manual gearbox models natic models), intelligent ligh illary units, air flap control, t mpressor, tyres with reduce), ECO PRO mode with ntweight construction, on- Electric Power Steering and roll resistance, BMW
BMW Efficien standard featu	atDynamics, ures mption EU ³⁾	g coa c (l	learshift point indicator (i sting function (on autom lemand operation of anc EPS), detachable a/c cor Bli	on manual gearbox models natic models), intelligent ligh illary units, air flap control, I mpressor, tyres with reduce uePerformance technology), ECO PRO mode with ntweight construction, on- Electric Power Steering ed roll resistance, BMW
BMW Efficien standard feature	ntDynamics, ures mption EU ³⁾ If wheels and tyres	coa c (I : 8J x 17 whe	learshift point indicator (i sting function (on autom lemand operation of anc EPS), detachable a/c cor Bli els, 225/55 R17 tyres (2	on manual gearbox models natic models), intelligent ligh illary units, air flap control, I mpressor, tyres with reduce uePerformance technology), ECO PRO mode with ntweight construction, on- Electric Power Steering ed roll resistance, BMW
BMW Efficien standard feature standard feature standard feature standard with standard Urban	ntDynamics, ures mption EU ³⁾ d wheels and tyres It	g coa c (I : 8J x 17 whe :r/100 km	learshift point indicator (isting function (on autom lemand operation of anc EPS), detachable a/c cor Bliels, 225/55 R17 tyres (2 5,8 (5,7)	on manual gearbox models natic models), intelligent ligh illary units, air flap control, I mpressor, tyres with reduce uePerformance technology K1) 5,8 (5,7)), ECO PRO mode with ntweight construction, on- Electric Power Steering ed roll resistance, BMW
BMW Efficien standard feature standard feature standard feature standard with standard Urban Extra-urban	mption EU ³⁾ If wheels and tyres	: 8J x 17 whe : 17/100 km	learshift point indicator (isting function (on autom lemand operation of anc EPS), detachable a/c cor Bliels, 225/55 R17 tyres (2 5,8 (5,7) 4,3 (4,4)	on manual gearbox models natic models), intelligent ligh sillary units, air flap control, I mpressor, tyres with reduce uePerformance technology K1) 5,8 (5,7) 4,4 (4,5)	o), ECO PRO mode with natweight construction, on- Electric Power Steering and roll resistance, BMW
Fuel Consur With standard Urban Extra-urban Combined	mption EU ³⁾ If wheels and tyres	e coa c (l : 8J x 17 whe :r/100 km :r/100 km	learshift point indicator (isting function (on autom lemand operation of and EPS), detachable a/c cor Blices, 225/55 R17 tyres (2 5,8 (5,7) 4,3 (4,4) 4,8 (4,9)	on manual gearbox models natic models), intelligent light sillary units, air flap control, the mpressor, tyres with reduce uePerformance technology K1) 5,8 (5,7) 4,4 (4,5) 4,9 (4,9)	6,2 (5,8 4,6 (4,4 5,2 (4,9
Fuel Consur With standard Urban Extra-urban Combined CO ₂	mption EU ³⁾ d wheels and tyres It	e coa c (l : 8J x 17 whe er/100 km er/100 km er/100 km	learshift point indicator (isting function (on autom lemand operation of and EPS), detachable a/c cor Blicels, 225/55 R17 tyres (2 5,8 (5,7) 4,3 (4,4) 4,8 (4,9) 127 (129)	on manual gearbox models natic models), intelligent light models), intelligent light light production, intelligent light moressor, tyres with reduce uePerformance technology K1) 5,8 (5,7) 4,4 (4,5) 4,9 (4,9) 129 (129)	6,2 (5,8 4,6 (4,4 5,2 (4,9 136 (129
Fuel Consur With standard Urban Extra-urban Combined CO ₂ With 8J x 18 v	mption EU ³⁾ d wheels and tyres It It It wheels and 245/4	: 8J x 17 whe :: 1700 km :: 17100 km	learshift point indicator (isting function (on autom lemand operation of anc EPS), detachable a/c cor Blices, 225/55 R17 tyres (2 5,8 (5,7) 4,3 (4,4) 4,8 (4,9) 127 (129) and with winter tyres (2HI	on manual gearbox models natic models), intelligent lightillary units, air flap control, fimpressor, tyres with reduce uePerformance technology K1) 5,8 (5,7) 4,4 (4,5) 4,9 (4,9) 129 (129) M, 2K2, 2DD, 2AK, 2NA, 93	6,2 (5,8 4,6 (4,4 5,2 (4,9 136 (129
Fuel Consur With standard Urban Extra-urban Combined CO ₂ With 8J x 18 v Urban	mption EU ³⁾ d wheels and tyres It It It wheels and 245/4	coa c (l :: 8J x 17 whe ::/100 km ::/100 km ::/100 km g/km 5 R18 tyres at	learshift point indicator (isting function (on autom lemand operation of anc EPS), detachable a/c cor Blices, 225/55 R17 tyres (2 5,8 (5,7) 4,3 (4,4) 4,8 (4,9) 127 (129) and with winter tyres (2HI 6.0 (6.0)	on manual gearbox models natic models), intelligent lightillary units, air flap control, further moressor, tyres with reduce uePerformance technology K1) 5,8 (5,7) 4,4 (4,5) 4,9 (4,9) 129 (129) M, 2K2, 2DD, 2AK, 2NA, 93 6.1 (5.9)	6,2 (5,8 4,6 (4,4 5,2 (4,9 136 (129 131)
Fuel Consur With standard Urban Extra-urban Combined CO ₂ With 8J x 18 v Urban Extra-urban	mption EU ³⁾ d wheels and tyres It It It It wheels and 245/4	e SJx 17 whe cr/100 km cr/100 km g/km 5 R18 tyres ar cr/100 km cr/100 km cr/100 km	learshift point indicator (isting function (on autom lemand operation of anc EPS), detachable a/c cor Bluels, 225/55 R17 tyres (25,8 (5,7)4,3 (4,4)4,8 (4,9)127 (129) and with winter tyres (2HP 6.0 (6.0)4.5 (4.6)	on manual gearbox models natic models, intelligent light illary units, air flap control, further moressor, tyres with reduce uePerformance technology K1) 5,8 (5,7) 4,4 (4,5) 4,9 (4,9) 129 (129) M, 2K2, 2DD, 2AK, 2NA, 93 6.1 (5.9) 4.6 (4.6)	6,2 (5,8 4,6 (4,4 5,2 (4,9 136 (129 131) 6.4 (6.1 4.7 (4.6
Fuel Consur With standard Urban Extra-urban Combined CO ₂ With 8J x 18 v Urban Extra-urban Combined	mption EU ³⁾ d wheels and tyres It It It It wheels and 245/4	coa c (l :: 8J x 17 whe ::/100 km ::/100 km ::/100 km g/km 5 R18 tyres ar ::/100 km	learshift point indicator (isting function (on autom lemand operation of anc EPS), detachable a/c cor Bli els, 225/55 R17 tyres (2 5,8 (5,7) 4,3 (4,4) 4,8 (4,9) 127 (129) nd with winter tyres (2HP) 6.0 (6.0) 4.5 (4.6) 5.0 (5.1)	on manual gearbox models natic models, intelligent light intelligent light illary units, air flap control, further moressor, tyres with reduce usePerformance technology K1) 5,8 (5,7) 4,4 (4,5) 4,9 (4,9) 129 (129) M, 2K2, 2DD, 2AK, 2NA, 93 6.1 (5.9) 4.6 (4.6) 5.1 (5.1)	6,2 (5,8 4,6 (4,4 5,2 (4,9 136 (129 131) 6.4 (6.1 4.7 (4.6 5.4 (5.1
Fuel Consur With standard Combined CO2 With 8J x 18 y Urban Extra-urban Combined CO2 Combined CO2 Combined CO2 Combined CO3	mption EU ³⁾ d wheels and tyres It It It It wheels and 245/4!	coa c (l : 8J x 17 whe cr/100 km cr/100 km cr/100 km g/km 5 R18 tyres ar cr/100 km cr/100 km	learshift point indicator (a sting function (on autom lemand operation of and EPS), detachable a/c correct Blues, 225/55 R17 tyres (2 5,8 (5,7) 4,3 (4,4) 4,8 (4,9) 127 (129) and with winter tyres (2HI 6.0 (6.0) 4.5 (4.6) 5.0 (5.1) 132 (134)	on manual gearbox models natic models, intelligent light illary units, air flap control, further moressor, tyres with reduce uePerformance technology K1) 5,8 (5,7) 4,4 (4,5) 4,9 (4,9) 129 (129) M, 2K2, 2DD, 2AK, 2NA, 93 6.1 (5.9) 4.6 (4.6)	6,2 (5,8 4,6 (4,4 5,2 (4,9 136 (129 131) 6.4 (6.1 4.7 (4.6 5.4 (5.1
Fuel Consur With standard Combined CO2 With 8J x 18 y Urban Extra-urban Combined CO2 With 8J x 18 y Urban Extra-urban Combined CO2 With 8J x 18 y Urban	mption EU ³⁾ d wheels and tyres It It wheels and 245/4! It g wheels and 245/4	coa coa co (l : 8J x 17 whe cr/100 km cr/100 km g/km 5 R18 tyres ar cr/100 km cr/100 km cr/100 km	learshift point indicator (isting function (on autom lemand operation of anc EPS), detachable a/c cor Bli els, 225/55 R17 tyres (2 5,8 (5,7) 4,3 (4,4) 4,8 (4,9) 127 (129) and with winter tyres (2HI 6.0 (6.0) 4.5 (4.6) 5.0 (5.1) 132 (134) (2K4, 2WD, 2M3, 2NB)	on manual gearbox models natic models, intelligent light illary units, air flap control, furnerssor, tyres with reduce uePerformance technology K1) 5,8 (5,7) 4,4 (4,5) 4,9 (4,9) 129 (129) M, 2K2, 2DD, 2AK, 2NA, 93 6.1 (5.9) 4.6 (4.6) 5.1 (5.1)	6,2 (5,8 4,6 (4,4 5,2 (4,9 136 (129 131) 6.4 (6.1 4.7 (4.6 5.4 (5.1 141 (134
Fuel Consur With standard Combined CO2 With 8J x 18 v Urban Extra-urban Combined CO2 With 8J x 18 v Urban Extra-urban Combined CO2 With 8,5J x 19 Urban	mption EU ³⁾ If wheels and tyres wheels and 245/44 It It Wheels and 245/45 It It It It It It It It It I	coa coa c (ll :: 8J x 17 whe tr/100 km tr/100 km tr/100 km tr/100 km tr/100 km tr/100 km tr/100 km tr/100 km tr/100 km	learshift point indicator (isting function (on autom lemand operation of anc EPS), detachable a/c cor Bli els, 225/55 R17 tyres (2 5,8 (5,7) 4,3 (4,4) 4,8 (4,9) 127 (129) and with winter tyres (2HI 6.0 (6.0) 4.5 (4.6) 5.0 (5.1) 132 (134) (2K4, 2WD, 2M3, 2NB) 6.2 (6.2)	on manual gearbox models natic models), intelligent ligh gillary units, air flap control, I impressor, tyres with reduce uePerformance technology K1) 5,8 (5,7) 4,4 (4,5) 4,9 (4,9) 129 (129) M, 2K2, 2DD, 2AK, 2NA, 93 6.1 (5.9) 4.6 (4.6) 5.1 (5.1) 134 (134)	6,2 (5,8 4,6 (4,4 5,2 (4,9 136 (129 31) 6.4 (6.1 4.7 (4.6 5.4 (5.1 4.1 (134
Fuel Consur With standard Combined CO2 With 8J x 18 v Urban Combined CO2 With 8J x 18 v Urban Combined CO4 Urban Combined CO4 Urban Combined CO4 Urban Combined CO4 With 8,5J x 19 Urban Extra-urban Extra-urban	mption EU ³⁾ If wheels and tyres wheels and 245/44 It It 9 wheels and 245/64 It It It It It It It It It I	coa coa co (ll :: 8J x 17 whe tr/100 km tr/100 km tr/100 km tr/100 km tr/100 km tr/100 km tr/100 km tr/100 km	learshift point indicator (isting function (on autom lemand operation of anc EPS), detachable a/c cor Blies, 225/55 R17 tyres (2 5,8 (5,7) 4,3 (4,4) 4,8 (4,9) 127 (129) and with winter tyres (2HI 6.0 (6.0) 5.0 (5.1) 132 (134) (2K4, 2WD, 2M3, 2NB) 6.2 (6.2) 4.6 (4.8)	on manual gearbox models natic models), intelligent ligh gillary units, air flap control, I impressor, tyres with reduce uePerformance technology K1) 5,8 (5,7) 4,4 (4,5) 4,9 (4,9) 129 (129) M, 2K2, 2DD, 2AK, 2NA, 93 6.1 (5.9) 4.6 (4.6) 5.1 (5.1) 134 (134) 6.3 (6.1) 4.7 (4.8)	6,2 (5,8 4,6 (4,4 5,2 (4,9 136 (129 31) 6.4 (6.1 4.7 (4.6 5.4 (5.1 141 (134 6.6 (6.3 4.9 (4.7
Fuel Consur With standard Combined CO2 With 8J x 18 v Urban Extra-urban Combined CO2 With 8J x 18 v Urban Extra-urban Combined CO4 Urban Extra-urban Combined CO5 With 8,5J x 19 Urban Extra-urban Combined	mption EU ³⁾ If wheels and tyres wheels and 245/44 It It 9 wheels and 245/64 It It It It It It It It It I	2 coa c (ll : 8J x 17 whee tr/100 km tr/100 km g/km g/km tr/100 km tr/100 km tr/100 km g/km 40 R19 tyres tr/100 km	learshift point indicator (isting function (on autom lemand operation of anc EPS), detachable a/c cor Blies, 225/55 R17 tyres (2 5,8 (5,7) 4,3 (4,4) 4,8 (4,9) 127 (129) and with winter tyres (2Hf 6.0 (6.0) 5.0 (5.1) 132 (134) (2K4, 2WD, 2M3, 2NB) 6.2 (6.2) 4.6 (4.8) 5.2 (5.3)	on manual gearbox models natic models), intelligent ligh gillary units, air flap control, I impressor, tyres with reduce uePerformance technology K1) 5,8 (5,7) 4,4 (4,5) 4,9 (4,9) 129 (129) M, 2K2, 2DD, 2AK, 2NA, 93 6.1 (5.9) 4.6 (4.6) 5.1 (5.1) 134 (134) 6.3 (6.1) 4.7 (4.8) 5.3 (5.3)	6,2 (5,8 4,6 (4,4 5,2 (4,9 136 (129 31) 6.4 (6.1 4.7 (4.6 5.4 (5.1 4.1 (134 6.6 (6.3 4.9 (4.7 5.6 (5.3
Fuel Consur With standard Combined CO2 With 8J x 18 v Urban Extra-urban Combined CO2 With 8J x 18 v Urban Extra-urban Combined CO2 With 8,5J x 19 Urban Extra-urban Combined CO2	mption EU ³⁾ If wheels and tyres It wheels and 245/4! It I	coa coa co (ll :: 8J x 17 whe tr/100 km tr/100 km tr/100 km tr/100 km tr/100 km tr/100 km tr/100 km tr/100 km	learshift point indicator (isting function (on autom lemand operation of anc EPS), detachable a/c cor Blies, 225/55 R17 tyres (2 5,8 (5,7) 4,3 (4,4) 4,8 (4,9) 127 (129) and with winter tyres (2HI 6.0 (6.0) 5.0 (5.1) 132 (134) (2K4, 2WD, 2M3, 2NB) 6.2 (6.2) 4.6 (4.8)	on manual gearbox models natic models), intelligent ligh gillary units, air flap control, I impressor, tyres with reduce uePerformance technology K1) 5,8 (5,7) 4,4 (4,5) 4,9 (4,9) 129 (129) M, 2K2, 2DD, 2AK, 2NA, 93 6.1 (5.9) 4.6 (4.6) 5.1 (5.1) 134 (134) 6.3 (6.1) 4.7 (4.8)	6,2 (5,8 4,6 (4,4 5,2 (4,9 136 (129 31) 6.4 (6.1 4.7 (4.6 5.4 (5.1 141 (134 6.6 (6.3 4.9 (4.7 5.6 (5.3 146 (139
Fuel Consur With standard Combined CO2 With 8J x 18 y Urban Extra-urban Combined CO2 With 8J x 18 y Urban Extra-urban Combined CO2 With 8,5J x 18 y Urban Extra-urban Combined CO2 Extra-urban Combined CO2	mption EU ³⁾ If wheels and tyres It lit lit lit lit lit lit lit lit lit li	2 coa c (ll : 8J x 17 whee tr/100 km tr/100 km g/km g/km tr/100 km tr/100 km tr/100 km g/km 40 R19 tyres tr/100 km	learshift point indicator (isting function (on autom lemand operation of anc EPS), detachable a/c cor Blies, 225/55 R17 tyres (2 5,8 (5,7) 4,3 (4,4) 4,8 (4,9) 127 (129) and with winter tyres (2HI 6.0 (6.0) 4.5 (4.6) 5.0 (5.1) 132 (134) (2K4, 2WD, 2M3, 2NB) 6.2 (6.2) 4.6 (4.8) 5.2 (5.3) 137 (139)	on manual gearbox models natic models), intelligent ligh gillary units, air flap control, I mpressor, tyres with reduce uePerformance technology K1) 5,8 (5,7) 4,4 (4,5) 4,9 (4,9) 129 (129) M, 2K2, 2DD, 2AK, 2NA, 93 6.1 (5.9) 4.6 (4.6) 5.1 (5.1) 134 (134) 6.3 (6.1) 4.7 (4.8) 5.3 (5.3) 139 (139)	6,2 (5,8 4,6 (4,4 5,2 (4,9 136 (129 31) 6.4 (6.1 4.7 (4.6 5.4 (5.1 4.1 (134 6.6 (6.3 4.9 (4.7 5.6 (5.3 146 (139
Fuel Consur With standard Combined CO2 With 8J x 18 v Urban Extra-urban Combined CO2 With 8J x 18 v Urban Extra-urban Combined CO2 With 8,5J x 19 Urban Extra-urban Combined CO2	mption EU ³⁾ If wheels and tyres It lit lit lit lit lit lit lit lit lit li	2 coa c (ll : 8J x 17 whee tr/100 km tr/100 km g/km g/km tr/100 km tr/100 km tr/100 km g/km 40 R19 tyres tr/100 km	learshift point indicator (isting function (on autom lemand operation of anc EPS), detachable a/c cor Blies, 225/55 R17 tyres (2 5,8 (5,7) 4,3 (4,4) 4,8 (4,9) 127 (129) and with winter tyres (2HI 6.0 (6.0) 4.5 (4.6) 5.0 (5.1) 132 (134) (2K4, 2WD, 2M3, 2NB) 6.2 (6.2) 4.6 (4.8) 5.2 (5.3) 137 (139)	on manual gearbox models natic models), intelligent ligh gillary units, air flap control, I mpressor, tyres with reduce uePerformance technology K1) 5,8 (5,7) 4,4 (4,5) 4,9 (4,9) 129 (129) M, 2K2, 2DD, 2AK, 2NA, 93 6.1 (5.9) 4.6 (4.6) 5.1 (5.1) 134 (134) 6.3 (6.1) 4.7 (4.8) 5.3 (5.3) 139 (139)	6,2 (5,8 4,6 (4,4 5,2 (4,9 136 (129

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

All technical data are provisional

 $^{^{1)}}$ Height with roof aerial: 1475 mm $^{2)}$ Oil change $^{3)}$ Fuel consumption and $\rm CO_2$ emissions depend on the selected tyre format $^{4)}$ Data not yet available

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BMW 530d Touring, BMW 535d Touring.

		BMW 530d Touring	BMW 535d Touring
B. J			
Body		F / F	F.15
No of doors/seats		5 / 5 4907 / 1860 / 1462	5 / 5 4907 / 1860 / 1462
Length/width/height ¹⁾ (unladen) Wheelbase	mm	2968	2968
	mm	1600 / 1626	1600 / 1626
Track, front/rear	mm	141	141
Ground clearance	mm	12.0	12.0
Turning circle	m	70	70
Tank capacity	app ltr	8.0	8.0
Cooling system incl heater Engine oil ²⁾	ltr	7.2	7.2
Weight, unladen, to DIN/EU	ltr kg	1820 / 1895	1850 / 1925
Max load to DIN	kg	650	650
Max permissible	kg	2470	2500
Max axle load, front/rear	kg	1125 / 1400	1140 / 1415
Max trailer load (12%),	kg	2000 / 750	2000 / 750
braked/unbraked	Ng .	20001130	2000/1/30
Max roofload/max towbar dwnl	kg	100 / 90	100 / 90
Luggage comp capacity	ltr	560-1670	560-1670
Air resistance	C _d x A	⁴⁾ x 2.35	⁴⁾ x 2.35
Engine			
Config/No of cyls/valves		Straight-six / 4	Straight-six / 4
Engine technology		Variable-geometry	BMW TwinPower Turbo
3		turbocharger, Common	technology with multi-
		Rail direct injection with	stage variable-geometry
		piezo injectors (max.	high-pressure
		pressure: 1800 bar)	turbocharger, Common Rail direct injection with
			piezo injection with
			injection pressure
			2000 bar)
Capacity, effective	CC	2993	2993
Stroke / bore	mm	90.0 / 84.0	90.0 / 84.0
Compression ratio	:1	16.5	16.5
Fuel grade		Diesel	Diesel
Max output	kW/hp	180 / 245	220 / 300
at	rpm	4000	4400
Max torque	Nm/lb-ft	540	600/442
at	rpm	1750-3000	1750
Electrical System			
Battery/installation	Ah/-	90 / luggage comp	90 / luggage comp
Alternator	AM	180 / 2520	180 / 2520
Alternator	AVVV	10072320	10072320
Driving Dynamics and Safety	у		
Suspension, front			axle with separate lower track arm level, aluminium, ill steering roll radius, anti-dive
Suspension, rear			axle with separate lower track arm level, aluminium,
Drokoo front			anti-dive, air suspension with automatic self-levelling
Brakes, front		<u>U</u>	um swing-calliper disc brakes in frame structure
Diameter	mm	348 x 30 / inner-vented	348 x 36 / inner-vented
D 1		0: 1	
Brakes, rear			piston swing-calliper disc brakes
Diameter	mm	330 x 20 / inner-vented	345 x 24 / inner-vented
	mm	330 x 20 / inner-vented Standard: DSC incl ABS a Brake Control, DBC Dyr	345 x 24 / inner-vented and DTC Dynamic Traction Control, CBC Cornering namic Brake Control, Dry Braking function, Fading
Diameter Driving stability systems	mm	330 x 20 / inner-vented Standard: DSC incl ABS a Brake Control, DBC Dyr Compensation, S	345 x 24 / inner-vented and DTC Dynamic Traction Control, CBC Cornering namic Brake Control, Dry Braking function, Fading Start-Off Assistant; optional: Adaptive Drive
Diameter	mm	330 x 20 / inner-vented Standard: DSC incl ABS a Brake Control, DBC Dyr Compensation, S Standard: airbags for and front passenger, h inertia-reel belts on all se	345 x 24 / inner-vented and DTC Dynamic Traction Control, CBC Cornering namic Brake Control, Dry Braking function, Fading
Diameter Driving stability systems	mm	330 x 20 / inner-vented Standard: DSC incl ABS a Brake Control, DBC Dyr Compensation, S Standard: airbags for d and front passenger, I inertia-reel belts on all se limiter at the front, crasl	345 x 24 / inner-vented and DTC Dynamic Traction Control, CBC Cornering namic Brake Control, Dry Braking function, Fading Start-Off Assistant; optional: Adaptive Drive driver and front passenger, side airbags for driver nead airbags for front and rear seats, three-point pasts with belt stopper, belt tightener and belt force h-activated headrests at the front, crash sensors,
Diameter Driving stability systems Safety equipment Steering		330 x 20 / inner-vented Standard: DSC incl ABS a Brake Control, DBC Dyr Compensation, S Standard: airbags for d and front passenger, I inertia-reel belts on all se limiter at the front, crasl	345 x 24 / inner-vented and DTC Dynamic Traction Control, CBC Cornering namic Brake Control, Dry Braking function, Fading Start-Off Assistant; optional: Adaptive Drive driver and front passenger, side airbags for driver need airbags for front and rear seats, three-point seats with belt stopper, belt tightener and belt force h-activated headrests at the front, crash sensors, Tyre Defect Indicator wer Steering (EPS) with Servotronic;
Diameter Driving stability systems Safety equipment		330 x 20 / inner-vented Standard: DSC incl ABS a Brake Control, DBC Dyr Compensation, S Standard: airbags for d and front passenger, h inertia-reel belts on all se limiter at the front, crasl	345 x 24 / inner-vented and DTC Dynamic Traction Control, CBC Cornering namic Brake Control, Dry Braking function, Fading Start-Off Assistant; optional: Adaptive Drive driver and front passenger, side airbags for driver nead airbags for front and rear seats, three-point seats with belt stopper, belt tightener and belt force h-activated headrests at the front, crash sensors, Tyre Defect Indicator wer Steering (EPS) with Servotronic; ional: Integral Active Steering

		BMW 530d Touring	BMW 535d Touring
Transmission			
Type of gearbox		Eight-speed automation	c with Steptronic
	1	4,714	4.714
	<u>.</u> II	3.143	3.143
	<u>"</u>	2.106	2.100
	IV	1.667	1.667
	V	1.285	1.285
	VI	1.000	1.000
	VII	0.839	0.839
	VIII	0.667	0.667
	R	3.317	3.317
Final drive		2.471	2.64
Performance			
Power-to-weight ratio	kg/kV		8.6
Output per litre	kW/h		76.8
Acceleration 0-100			5.4
	000 m se		24.8
in 4th gear 80–120			-
Top speed	km/	n 250	250
BMW EfficientDynamic BMW EfficientDynamic standard features		Brake Energy Regeneration with recuperar ECO PRO mode with coasting function,	intelligent lightweight construction,
BMW EfficientDynamic			intelligent lightweight construction, flap control, Electric Power Steering res with reduced roll resistance,
BMW EfficientDynamic standard features	CS,	ECO PRO mode with coasting function, on-demand operation of ancillary units, air (EPS), detachable a/c compressor, ty	intelligent lightweight construction, flap control, Electric Power Steering res with reduced roll resistance,
BMW EfficientDynamic standard features Fuel Consumption E	:U ³⁾	ECO PRO mode with coasting function, on-demand operation of ancillary units, air (EPS), detachable a/c compressor, ty BMW BluePerformal	intelligent lightweight construction, flap control, Electric Power Steering res with reduced roll resistance,
BMW EfficientDynamic standard features	:U ³⁾	ECO PRO mode with coasting function, on-demand operation of ancillary units, air (EPS), detachable a/c compressor, ty BMW BluePerformal	intelligent lightweight construction, flap control, Electric Power Steering res with reduced roll resistance, nce technology
BMW EfficientDynamic standard features Fuel Consumption E With standard tyres: wf	: U ³⁾ neels 8J x 17, tyre	ECO PRO mode with coasting function, on-demand operation of ancillary units, air (EPS), detachable a/c compressor, ty BMW BluePerformal	intelligent lightweight construction, flap control, Electric Power Steering res with reduced roll resistance, nce technology 6.6
BMW EfficientDynamic standard features Fuel Consumption E With standard tyres: whurban	es, E U ³⁾ neels 8J x 17, tyre ltr/100 kr	ECO PRO mode with coasting function, on-demand operation of ancillary units, air (EPS), detachable a/c compressor, ty BMW BluePerformal es 225/55 R17	intelligent lightweight construction, flap control, Electric Power Steering res with reduced roll resistance, nce technology 6.6
BMW EfficientDynamic standard features Fuel Consumption E With standard tyres: who standard tyres: who standard tyres: who standard tyres who sta	EU ³⁾ neels 8J x 17, tyre tr/100 kr	ECO PRO mode with coasting function, on-demand operation of ancillary units, air (EPS), detachable a/c compressor, ty BMW BluePerformal es 225/55 R17 n 6.2 n 4.7 n 5.3	intelligent lightweight construction, flap control, Electric Power Steering res with reduced roll resistance, nce technology 6.6 4.6 5.6
BMW EfficientDynamic standard features Fuel Consumption E With standard tyres: who standard tyres: who standard tyres: who standard tyres who sta	EU ³⁾ neels 8J x 17, tyrroll tr/100 kr ltr/100 kr ltr/100 kr ltr/100 kr	ECO PRO mode with coasting function, on-demand operation of ancillary units, air (EPS), detachable a/c compressor, ty BMW BluePerformations 225/55 R17 n 6.2 n 4.7 n 5.3 n 139	intelligent lightweight construction, flap control, Electric Power Steering res with reduced roll resistance, nce technology 6.6 4.6 5.6
BMW EfficientDynamic standard features Fuel Consumption E With standard tyres: wf Urban Extra-urban Combined CO2	EU ³⁾ neels 8J x 17, tyrroll tr/100 kr ltr/100 kr ltr/100 kr ltr/100 kr	ECO PRO mode with coasting function, on-demand operation of ancillary units, air (EPS), detachable a/c compressor, ty BMW BluePerformations 225/55 R17 n 6.2 n 4.7 n 5.3 n 139 res or winter tyres	intelligent lightweight construction, flap control, Electric Power Steering res with reduced roll resistance, nce technology 6.9 4.9 5.9 144
BMW EfficientDynamic standard features Fuel Consumption E With standard tyres: wf Urban Extra-urban Combined CO2 With 8J x 18 wheels ar	EU ³⁾ neels 8J x 17, tyre ltr/100 kr ltr/100 kr ltr/100 kr g/kr ad 245/45 R18 tyr	ECO PRO mode with coasting function, on-demand operation of ancillary units, air (EPS), detachable a/c compressor, ty BMW BluePerformations 225/55 R17 n 6.2 n 4.7 n 5.3 n 139 res or winter tyres n 6.5	intelligent lightweight construction, flap control, Electric Power Steering res with reduced roll resistance, nce technology 6.9 4.9 5.1 144
BMW EfficientDynamic standard features Fuel Consumption E With standard tyres: wf Urban Extra-urban Combined CO2 With 8J x 18 wheels ar Urban	EU ³⁾ neels 8J x 17, tyre ltr/100 kr ltr/100 kr ltr/100 kr g/kr ad 245/45 R18 tyr	ECO PRO mode with coasting function, on-demand operation of ancillary units, air (EPS), detachable a/c compressor, ty BMW BluePerformal as 225/55 R17 n 6.2 n 4.7 n 5.3 n 139 res or winter tyres n 6.5 n 4.9	intelligent lightweight construction, flap control, Electric Power Steering res with reduced roll resistance, nce technology 6.9 4.9 5.9 144 6.7 5.5 5.5 5.5
BMW EfficientDynamic standard features Fuel Consumption E With standard tyres: wf Urban Extra-urban Combined CO2 With 8J x 18 wheels ar Urban Extra-urban Extra-urban	EU ³⁾ neels 8J x 17, tyre ltr/100 kr ltr/100 kr ltr/100 kr g/kr nd 245/45 R18 tyr ltr/100 kr	ECO PRO mode with coasting function, on-demand operation of ancillary units, air (EPS), detachable a/c compressor, ty BMW BluePerformal as 225/55 R17 n 6.2 n 4.7 n 5.3 n 139 res or winter tyres n 6.5 n 4.9 n 5.5	intelligent lightweight construction, flap control, Electric Power Steering res with reduced roll resistance, nce technology 6.9 4.9 5.9 144 6.7 5.7 5.7 5.7 5.7
BMW EfficientDynamic standard features Fuel Consumption E With standard tyres: whurban Extra-urban Combined CO2 With 8J x 18 wheels and Urban Extra-urban Extra-urban Combined Combined	EU ³⁾ neels 8J x 17, tyre ttr/100 kr ttr/100 kr ttr/100 kr g/kr nd 245/45 R18 tyr ttr/100 kr ttr/100 kr ttr/100 kr	ECO PRO mode with coasting function, on-demand operation of ancillary units, air (EPS), detachable a/c compressor, ty BMW BluePerformal as 225/55 R17 n 6.2 n 4.7 n 5.3 n 139 res or winter tyres n 6.5 n 4.9 n 5.5 n 144	intelligent lightweight construction, flap control, Electric Power Steering res with reduced roll resistance, nce technology 6.9 4.9 5.9 144 6.7 5.7 5.7 5.7 5.7
BMW EfficientDynamic standard features Fuel Consumption E With standard tyres: whurban Extra-urban Combined CO2 With 8J x 18 wheels ar Urban Extra-urban Combined CO2 Combined CO2 Combined CO2	EU ³⁾ neels 8J x 17, tyre ttr/100 kr ttr/100 kr ttr/100 kr g/kr nd 245/45 R18 tyr ttr/100 kr ttr/100 kr ttr/100 kr	ECO PRO mode with coasting function, on-demand operation of ancillary units, air (EPS), detachable a/c compressor, ty BMW BluePerformal as 225/55 R17 n 6.2 n 4.7 n 5.3 n 139 res or winter tyres n 6.5 n 4.9 n 5.5 n 144 ryres	intelligent lightweight construction, flap control, Electric Power Steering res with reduced roll resistance, nce technology 6.9 4.9 5.9 144 7.0
BMW Efficient Dynamic standard features Fuel Consumption E With standard tyres: wh Urban Extra-urban Combined CO2 With 8J x 18 wheels ar Urban Extra-urban Combined CO2 With 8J x 19 wheels With 8.5J x 19 wheels	EU ³⁾ neels 8J x 17, tyre ttr/100 kr ttr/100 kr ttr/100 kr g/kr nd 245/45 R18 tyr ttr/100 kr ttr/100 kr ttr/100 kr g/kr and 245/40 R19 tyr	ECO PRO mode with coasting function, on-demand operation of ancillary units, air (EPS), detachable a/c compressor, ty BMW BluePerformal ses 225/55 R17 n 6.2 n 4.7 n 5.3 n 139 res or winter tyres n 6.5 n 4.9 n 5.5 n 144 tyres n 6.7	intelligent lightweight construction, flap control, Electric Power Steering res with reduced roll resistance, nce technology 6.9 4.9 5.9 144 7.0
BMW Efficient Dynamic standard features Fuel Consumption E With standard tyres: wh Urban Extra-urban Combined CO2 With 8J x 18 wheels ar Urban Extra-urban Combined CO2 With 8J x 19 wheels Urban Urban Extra-urban Urban Urban Urban	EU ³⁾ neels 8J x 17, tyre ttr/100 kr ttr/100 kr ttr/100 kr g/kr nd 245/45 R18 tyr itr/100 kr itr/100 kr itr/100 kr g/kr and 245/40 R19 tyr i/100 kr	ECO PRO mode with coasting function, on-demand operation of ancillary units, air (EPS), detachable a/c compressor, ty BMW BluePerformal as 225/55 R17 n 6.2 n 4.7 n 5.3 n 139 res or winter tyres n 6.5 n 4.9 n 5.5 n 144 tyres n 6.7 n 5.1	intelligent lightweight construction, flap control, Electric Power Steering res with reduced roll resistance, noce technology 6.9 4.9 5.9 144 7.0 7.0
BMW EfficientDynamic standard features Fuel Consumption E With standard tyres: wf Urban Extra-urban Combined CO2 With 8J x 18 wheels ar Urban Extra-urban Combined CO2 With 8.5J x 19 wheels Urban Extra-urban Combined CO2	EU ³⁾ neels 8J x 17, tyre Itr/100 kr	ECO PRO mode with coasting function, on-demand operation of ancillary units, air (EPS), detachable a/c compressor, ty BMW BluePerformal as 225/55 R17 n 6.2 n 4.7 n 5.3 n 139 res or winter tyres n 6.5 n 4.9 n 5.5 n 144 tyres n 6.7 n 5.1 n 5.7	intelligent lightweight construction, flap control, Electric Power Steering res with reduced roll resistance, noe technology 6.4 4.5 14. 6.5 5.7 14. 7.0 5.6 5.5 5.5
BMW EfficientDynamic standard features Fuel Consumption E With standard tyres: wf Urban Extra-urban Combined CO2 With 8J x 18 wheels ar Urban Extra-urban Combined CO2 With 8.5J x 19 wheels Urban Extra-urban Extra-urban	EU ³⁾ neels 8J x 17, tyre Itr/100 kr	ECO PRO mode with coasting function, on-demand operation of ancillary units, air (EPS), detachable a/c compressor, ty BMW BluePerformal as 225/55 R17 n 6.2 n 4.7 n 5.3 n 139 res or winter tyres n 6.5 n 4.9 n 5.5 n 144 tyres n 6.7 n 5.1 n 5.7	intelligent lightweight construction, flap control, Electric Power Steering res with reduced roll resistance, noe technology 6.4 4.9 5.1 14.1 7.0 5.2 5.5 15.1
BMW EfficientDynamic standard features Fuel Consumption E With standard tyres: wf Urban Extra-urban Combined CO2 With 8J x 18 wheels ar Urban Extra-urban Combined CO2 With 8.5J x 19 wheels Urban Extra-urban Combined CO2	es, eels 8J x 17, tyre ltr/100 kr ltr/100 kr ltr/100 kr g/kr nd 245/45 R18 tyr ltr/100 kr ltr/100 kr ltr/100 kr ltr/100 kr ltr/100 kr g/kr and 245/40 R19 l/100 kr l/100 kr	ECO PRO mode with coasting function, on-demand operation of ancillary units, air (EPS), detachable a/c compressor, ty BMW BluePerformal es 225/55 R17 n 6.2 n 4.7 n 5.3 n 139 res or winter tyres n 6.5 n 4.9 n 5.5 n 144 ryres n 6.7 n 5.1 n 5.7 n 149	intelligent lightweight construction, flap control, Electric Power Steering res with reduced roll resistance,

Height with roof aerial: 1475 mm
 Oil change
 Fuel consumption and CO₂ emissions depend on the selected tyre format
 Data not yet available

BMW 528i xDrive Touring, BMW 535i xDrive Touring.

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		BMW 528i xDrive Touring	BMW 535i xDrive Touring	
Body				
No of doors/seats		5/5	5/5	
Length/width/height ¹⁾ (unladen)	mm	4907 / 1860 / 1462	4907 / 1860 / 1462	
Wheelbase	mm	2968	2968	
Track, front/rear	mm	1600 / 1626	1600 / 1626	
Ground clearance	mm	141	141	
Turning circle	m	12.1	12.1	
Tank capacity	app	70	70	
Cooling system incl heater	ltr	9.3 5,75	10.1	
Engine oil ²⁾	ltr	1815 / 1890		
Weight, unladen, to DIN/EU	kg	640	640	
Max load to DIN	kg	2455	2505	
Max permissible	kg		1140 / 1415	
Max axle load, front/rear	kg	1100 / 1420 2000 / 750	2000 / 750	
Max trailer load (12%),	kg	20007750	20007750	
braked/unbraked May reaffeed/may tourber dural	lea	100 / 90	100 / 90	
Max roofload/max towbar dwnl	kg	560–1670	560–1670	
Luggage comp capacity	ltr	⁴⁾ x 2.35	⁴ x 2.35	
Air resistance	Cd	X 2.35	X 2.33	
Engine		0	20.111.11	
Config/No of cyls/valves		Straight-four / 4	Straight-six / 4	
Engine technology		BMW TwinPower Turbo with	BMW TwinPower Turbo with Twin-Scroll turbocharger,	
		Twin-Scroll turbocharger, direct injection (High Precision	direct injection (High Precision	
		Injection) and fully variable	Injection) and fully variable	
		valve control (VALVETRONIC)	valve control (VALVETRONIC)	
Capacity, effective	СС	1997	2979	
Stroke / bore	mm	90.1 / 84.0	89.6 / 84.0	
Compression ratio	:1	10.0	10.2	
Fuel grade		Min RON 91	Min RON 91	
Max output	kW/	180 / 245	225 / 306	
at	rpm	5000–6500	5800 – 6000	
Max torque	Nm	350	400	
at	rpm	1250–4800	1200 – 5000	
Electrical System				
Battery/installation	Ah/	90 / luggage comp	90 / luggage comp	
Alternator	A/W	170 / 2380	210 / 2940	
Driving Dynamics and Safet	v			
Suspension, front			with separate lower track arm level, aluminium, small	
Company and a second			ering roll radius, anti-dive axle, aluminium, anti-squat and anti-dive,	
Suspension, rear			eparation, air suspension with automatic self-levelling	
Brakes, front		Single-piston aluminium	swing-calliper disc brakes in frame structure	
Diameter	mm	330 x 24 / inner-vented	348 x 36 / inner-vented	
Brakes, rear		Single-pis	ston swing-calliper disc brakes	
Diameter	mm	330 x 20 / inner-vented	345 x 24 / inner-vented	
Driving stability systems			Dynamic Traction Control (DTC), Cornering Brake	
	Control (CBC), Dynamic Brake Control (DBC), Dynamic Brake Control (CBC), Dynamic Brake Control (DBC), Dynamic Brake Control (DBC), Dynamic Braking function, Fading Compensation, Start-Off Assistant, linked to xDrive all-wheel-drive system in Integrated Chassis Management (ICM); optional: Dynamic Damper Control, Adaptive Drive (BMW 535i xDrive)			
Safety equipment		and front passenger, hea inertia-reel belts on all seats wit the front, crash-active	rer and front passenger, side airbags for driver ad airbags for front and rear seats, three-point the belt stopper, belt tightener and belt force limiter at ated headrests at the front, crash sensors, Tyre Defect Indicator	
Steering			-pinion power steering with Servotronic	
Steering transmission, overall	:1	17.9	17.9	
Tyres, front/rear		225/55 R17 97Y	225/55 R17 97Y	
Rims, front/rear		8J x 17 light-alloy	8J x 17 light-alloy	

		ВМ	W 528i xDrive Touring	BMW 535i xDrive Touring
Transmissio	on			
Type of gearb			Eight-speed automa	atic with Steptronic
Gear ratios	I	:1	4.714	4.71
	II	:1	3.143	3.143
	III	:1	2.106	2.100
	IV	:1	1.667	1.66
	V	:1	1.285	1.28
	VI	:1	1.000	1.000
	VII	:1	0.839	0.839
	VIII	:1	0.667	0.66
	R	:1	3.295	3.29
Final drive		:1	3.231	3.23
Performance	e			
Power-to-weig	ght ratio	kg/kW	10.1	8.3
Output per litr	re	kW	90.1	75.5
Acceleration	0–100 km/h	sec	6.6	5.7
	0–1000 m	sec	27.0	25.9
in 4th gear	80-120 km/h	sec	-	
Top speed		km/h	244	250
standard featu	ures	or	ECO PRO mode with coasting function- demand operation of ancillary units, a detachable a/c compressor, efficiency	air flap control, map-controlled oil pump
			divider, tyres with red	
Fuel Consur	<u> </u>			
With standard	<u> </u>		neels, 225/55 R17 tyres (2K1)	duced roll resistance
With standard Urban	<u> </u>	ltr/100 km	neels, 225/55 R17 tyres (2K1) 8.4	duced roll resistance
With standard Urban Extra-urban	<u> </u>	ltr/100 km ltr/100 km	neels, 225/55 R17 tyres (2K1) 8.4 5.2	duced roll resistance 11. 6.6
With standard Urban Extra-urban Combined	<u> </u>	ltr/100 km ltr/100 km ltr/100 km	neels, 225/55 R17 tyres (2K1) 8.4 5.2 6.4	duced roll resistance 11. 6.3
With standard Urban Extra-urban Combined CO ₂	wheels and tyre	ltr/100 km ltr/100 km ltr/100 km g/km	neels, 225/55 R17 tyres (2K1) 8.4 5.2 6.4 149	duced roll resistance 11. 6.3 8.1
With standard Urban Extra-urban Combined CO ₂ With 8J x 18 v	wheels and tyre	ltr/100 km ltr/100 km ltr/100 km g/km 45 R18 tyres	neels, 225/55 R17 tyres (2K1) 8.4 5.2 6.4 149 and with winter tyres (2HM, 2K2, 2DD,	11. 6.3 8.7 2AK, 2NA, 931)
With standard Urban Extra-urban Combined CO ₂ With 8J x 18 v Urban	wheels and tyre	ltr/100 km ltr/100 km ltr/100 km g/km 45 R18 tyres ltr/100 km	neels, 225/55 R17 tyres (2K1) 8.4 5.2 6.4 149 and with winter tyres (2HM, 2K2, 2DD, 8.7	11. 6.3 8. 188 2AK, 2NA, 931)
With standard Urban Extra-urban Combined CO ₂ With 8J x 18 v Urban Extra-urban	wheels and tyre:	ltr/100 km ltr/100 km ltr/100 km g/km 45 R18 tyres ltr/100 km ltr/100 km	neels, 225/55 R17 tyres (2K1) 8.4 5.2 6.4 149 and with winter tyres (2HM, 2K2, 2DD, 8.7 5.4	11. 6.3 8. 2AK, 2NA, 931) 11.4
With standard Urban Extra-urban Combined CO ₂ With 8J x 18 v Urban Extra-urban Combined	wheels and tyre:	Itr/100 km Itr/100 km Itr/100 km g/km I5 R18 tyres Itr/100 km Itr/100 km	neels, 225/55 R17 tyres (2K1) 8.4 5.2 6.4 149 and with winter tyres (2HM, 2K2, 2DD, 8.7 5.4 6.6	11. 6.3 8. 2AK, 2NA, 931) 11.4 6.5
With standard Urban Extra-urban Combined CO ₂ With 8J x 18 v Urban Extra-urban Combined CO ₂	wheels and tyre:	Itr/100 km Itr/100 km Itr/100 km g/km I5 R18 tyres Itr/100 km Itr/100 km Itr/100 km	neels, 225/55 R17 tyres (2K1) 8.4 5.2 6.4 149 and with winter tyres (2HM, 2K2, 2DD, 8.7 5.4 6.6 154	11. 6.3 8. 2AK, 2NA, 931) 11.4 6.5
With standard Urban Extra-urban Combined CO ₂ With 8J x 18 v Urban Extra-urban Combined CO ₂ With 8J x 18 v Urban	wheels and tyre:	Itr/100 km Itr/100 km Itr/100 km g/km I5 R18 tyres Itr/100 km Itr/100 km g/km J/40 R19 tyre	neels, 225/55 R17 tyres (2K1) 8.4 5.2 6.4 149 and with winter tyres (2HM, 2K2, 2DD, 8.7 5.4 6.6 154 s (2K4, 2WD, 2M3, 2NB)	11. 6. 8. 2AK, 2NA, 931) 11. 6.5 8.1 193
With standard Urban Extra-urban Combined CO ₂ With 8J x 18 v Urban Extra-urban Combined CO ₂ With 8,5J x 15 Urban	wheels and tyre: wheels and 245/4	Itr/100 km Itr/100 km Itr/100 km g/km I5 R18 tyres Itr/100 km Itr/100 km Itr/100 km g/km J/40 R19 tyre Itr/100 km	neels, 225/55 R17 tyres (2K1) 8.4 5.2 6.4 149 and with winter tyres (2HM, 2K2, 2DD, 8.7 5.4 6.6 154 s (2K4, 2WD, 2M3, 2NB) 9.0	11. 6.3 8. 188 2AK, 2NA, 931) 11. 6.9 19.
With standard Urban Extra-urban Combined CO ₂ With 8J x 18 v Urban Extra-urban Combined CO ₂ With 8,5J x 15 Urban Extra-urban Combined CO ₂ With 8,5J x 15 Urban Extra-urban	wheels and tyre: wheels and 245/4	Itr/100 km Itr/100 km Itr/100 km g/km IS R18 tyres Itr/100 km Itr/100 km Itr/100 km g/km 5/40 R19 tyre Itr/100 km	neels, 225/55 R17 tyres (2K1) 8.4 5.2 6.4 149 and with winter tyres (2HM, 2K2, 2DD, 8.7 5.4 6.6 154 s (2K4, 2WD, 2M3, 2NB) 9.0 5.6	11. 6.3 8. 2AK, 2NA, 931) 11. 6.5 8.3 19.
With standard Urban Extra-urban Combined CO ₂ With 8J x 18 v Urban Extra-urban Combined CO ₂ With 8,5J x 15 Urban Extra-urban Combined CO ₂ With 8,5J x 15 Urban Extra-urban Combined	wheels and tyre: wheels and 245/4	Itr/100 km Itr/100 km Itr/100 km g/km IS R18 tyres Itr/100 km Itr/100 km Itr/100 km g/km S/40 R19 tyre Itr/100 km Itr/100 km	neels, 225/55 R17 tyres (2K1) 8.4 5.2 6.4 149 and with winter tyres (2HM, 2K2, 2DD, 8.7 5.4 6.6 154 s (2K4, 2WD, 2M3, 2NB) 9.0 5.6 6.8	11. 6.3 8. 2AK, 2NA, 931) 11. 6.5 8.3 19.
With standard Urban Extra-urban Combined CO ₂ With 8J x 18 v Urban Extra-urban Combined CO ₂ With 8,5J x 15 Urban Extra-urban Combined CO ₂ With 8,5J x 15 Urban Extra-urban Combined CO ₂	wheels and tyre: wheels and 245/4	Itr/100 km Itr/100 km Itr/100 km g/km IS R18 tyres Itr/100 km Itr/100 km Itr/100 km g/km 5/40 R19 tyre Itr/100 km	neels, 225/55 R17 tyres (2K1) 8.4 5.2 6.4 149 and with winter tyres (2HM, 2K2, 2DD, 8.7 5.4 6.6 154 s (2K4, 2WD, 2M3, 2NB) 9.0 5.6	11. 6. 2AK, 2NA, 931) 11. 6.5 8.3 193 11. 6.6 8.3 193
With standard Urban Extra-urban Combined CO ₂ With 8J x 18 v Urban Extra-urban Combined CO ₂ With 8,5J x 18 v Urban Extra-urban Combined CO ₂ Urban Extra-urban Combined CO ₂ Emission ratin	wheels and tyre: wheels and 245/4	Itr/100 km Itr/100 km Itr/100 km g/km IS R18 tyres Itr/100 km Itr/100 km Itr/100 km g/km S/40 R19 tyre Itr/100 km Itr/100 km	neels, 225/55 R17 tyres (2K1) 8.4 5.2 6.4 149 and with winter tyres (2HM, 2K2, 2DD, 8.7 5.4 6.6 154 s (2K4, 2WD, 2M3, 2NB) 9.0 5.6 6.8 159	11.1 6.3 8.1
With standard Urban Extra-urban Combined CO ₂ With 8J x 18 v Urban Extra-urban Combined CO ₂ With 8,5J x 15 Urban Extra-urban Combined CO ₂ With 8,5J x 15 Urban Extra-urban Combined CO ₂	wheels and tyre: wheels and 245/4	Itr/100 km Itr/100 km Itr/100 km g/km IS R18 tyres Itr/100 km Itr/100 km Itr/100 km g/km S/40 R19 tyre Itr/100 km Itr/100 km	neels, 225/55 R17 tyres (2K1) 8.4 5.2 6.4 149 and with winter tyres (2HM, 2K2, 2DD, 8.7 5.4 6.6 154 s (2K4, 2WD, 2M3, 2NB) 9.0 5.6 6.8 159	11.1 6.3 8.1 2AK, 2NA, 931) 11.4 6.5 8.3 193 11.1 6.6 8.5

 $^{^{1)}}$ Height with roof aerial: 1475 mm $^{2)}$ Oil change $^{3)}$ Fuel consumption and $\rm CO_2$ emissions depend on the selected tyre format $^{4)}$ Data not yet available

BMW 520d xDrive Touring, BMW 525d xDrive Touring.

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		BMW 520d xDrive Touring	BMW 525d xDrive Touring
Body			
No of doors/seats		5/5	5/5
Length/width/height ¹⁾ (unladen)	m	4907 / 1860 / 1462	4907 / 1860 / 1462
Wheelbase	m	2968	2968
Track, front/rear	m	1600 / 1626	1600 / 1626
Ground clearance	m	141	141
Turning circle	m	12.1	12.1
Tank capacity	а	70	70
Cooling system incl heater	ltr	7.0	7.0
Engine oil ²⁾	ltr	5.2	5.2
Weight, unladen, to DIN/EU	k	1840 / 1915	1870 / 1945
Max load to DIN	k	620	610
Max permissible	k	2460	2480
Max axle load, front/rear	k	1170 / 1420	1170 / 1420
Max trailer load (12%),	k	2000 / 750	2000 / 750
braked/unbraked "	g		
Max roofload/max towbar dwnl	k	100 / 90	100 / 90
Luggage comp capacity	ltr	560 – 1670	560 – 1670
Air resistance	С	⁴⁾ x 2.35	⁴⁾ x 2.35
Engine			
Config/No of cyls/valves		Straight-four / 4	Straight-four / 4
Engine technology		BMW TwinPower Turbo	BMW TwinPower Turbo
		technology with variable-	technology with variable-
		geometry turbocharger, Common Rail direct injection	geometry multi-stage high-
		with solenoid valve injection	pressure turbocharger, Common Rail direct injection
		(max. injection pressure:	with piezo injectors (max.
		1800 bar)	injection pressure: 2000 bar)
Capacity, effective	С	1995	1955
Stroke / bore	m	90.0 / 84.0	90.0 / 84.0
Compression ratio	:1	16.5	16.5
Fuel grade		Diesel	Diesel
Max output	k	135 / 184	160 / 218
at	r	4000	4400
Max torque	N	380	450
at	r	1750	1500
Electrical System			
Battery/installation	Α	90 / luggage comp	90 / luggage comp
Alternator	Α	180 / 2520	180 / 2520
Database Damanaian and Cafet			
Driving Dynamics and Safet Suspension, front	. y	Double track control arm ayle with	separate lower track arm level, aluminium, small
ouspension, none			g roll radius, anti-dive
Suspension, rear			e, aluminium, anti-squat and anti-dive,
, , , ,			ation, air suspension with automatic
			self-levelling
Brakes, front		Single-piston aluminium swi	ng-calliper disc brakes in frame structure
Diameter	m	330 x 24 / inner-vented	348 x 30 / inner-vented
Brakes, rear		Single-piston	swing-calliper disc brakes
Diameter	m	330 x 20 / inner-vented	330 x 20 / inner-vented
Driving stability systems		Standard: DSC incl ABS and Dyna	amic Traction Control (DTC), Cornering Brake
			Control (DBC), Dry Braking function, Fading ant, linked to xDrive all-wheel-drive system in
			nt (ICM); optional: Dynamic Damper Control
Safety equipment		0: 1 1 1 1	nd front passenger, side airbags for driver
		Standard: airbags for driver a	riu ironit passeriger, side airbags foi driver
curety equipment		and front passenger, head ai	rbags for front and rear seats, three-point
carety equipment		and front passenger, head air inertia-reel belts on all seats with be	rbags for front and rear seats, three-point elt stopper, belt tightener and belt force limiter at
cutoty equipment		and front passenger, head ai inertia-reel belts on all seats with be the front, crash-activated	rbags for front and rear seats, three-point elt stopper, belt tightener and belt force limiter at headrests at the front, crash sensors,
		and front passenger, head ai inertia-reel belts on all seats with be the front, crash-activated Tyre	rbags for front and rear seats, three-point elt stopper, belt tightener and belt force limiter at headrests at the front, crash sensors, Defect Indicator
Steering		and front passenger, head ai inertia-reel belts on all seats with be the front, crash-activated Tyre Hydraulic rack-and-pini	rbags for front and rear seats, three-point selt stopper, belt tightener and belt force limiter at headrests at the front, crash sensors, a Defect Indicator ion power steering with Servotronic
Steering Steering transmission, overall	:1	and front passenger, head ai inertia-reel belts on all seats with be the front, crash-activated Tyre Hydraulic rack-and-pini 17.9	rbags for front and rear seats, three-point selt stopper, belt tightener and belt force limiter at headrests at the front, crash sensors, a Defect Indicator ion power steering with Servotronic
Steering	:1	and front passenger, head ai inertia-reel belts on all seats with be the front, crash-activated Tyre Hydraulic rack-and-pini	rbags for front and rear seats, three-point elt stopper, belt tightener and belt force limiter at headrests at the front, crash sensors, Defect Indicator

		BMW	520d xDrive Touring	BMW 525d xDrive Touring
Transmissio	n .			
Type of gearl			Fight-speed auto	omatic with Steptronic
Gear ratios		:1	4.714	4.714
	<u> </u>	:1	3.143	3.14
	III	:1	2.106	2.100
	IV	:1	1.667	1.66
	V	:1	1.285	1.285
	VI	:1	1.000	1.000
	VII	:1	0.839	0.839
	VIII	:1	0.667	0.667
	R	:1	3.295	3.29
Final drive		:1	3.077	3.07
Performanc	e			
Power-to-wei	ight ratio	kg/kW	13.6	11.7
Output per lit	re	kW	67.7	80.2
Acceleration	0-100 km/h	sec	8.4	7.3
	0–1000 m	sec	29.9	28.2
in 4th gear	80-120 km/h	sec	_	-
Top speed		km/h	218	23′
BMW Efficier standard feat		В	ECO PRO mode with coasting fun- on-demand operation of ancillar compressor, efficiency-optimis	uperation display, Auto Start Stop function, ction, intelligent lightweight construction, y units, air flap control, detachable a/c ed rear differential and power divider, e, BMW BluePerformance technology
Fuel Consu	mption EU ³⁾			
	<u> </u>	es: 8J x 17 wh	eels, 225/55 R17 tyres (2K1)	
Urban		ltr/100 km	6.1	6,2
Extra-urban		ltr/100 km	4.7	4.9
Combined		ltr/100 km	5.2	5.4
CO ₂		g/km	138	142
With 8J x 18	wheels and 245/-		and with winter tyres (2HM, 2K2, 2I	DD, 2AK, 2NA, 931)
Urban		ltr/100 km	6.4	6.5
Extra-urban		ltr/100 km	4.9	5.1
Combined		ltr/100 km	5.4	5.6
CO ₂		g/km	143	147
With 8,5J x 1	9 wheels and 24	5/40 R19 tyre	s (2K4, 2WD, 2M3, 2NB)	
Urban .		ltr/100 km	6.6	6.7
Extra-urban		ltr/100 km	5.1	5.3
Combined		ltr/100 km	5.6	5.8
CO ₂		g/km	148	152
Emission ratir	ng	<u> </u>	EU6	EU6
Insurance C (Germany)	ategory			
KH/VK/TK			4)	

Height with roof aerial: 1475 mm
 Oil change
 Fuel consumption and CO₂ emissions depend on the selected tyre format
 Data not yet available

BMW 530d xDrive Touring, BMW 535d xDrive Touring.

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	BMW 530d xDrive Touring	BMW 535d xDrive Touring		
D				
Body				
No of doors/seats	5/5	5/5		
Length/width/height ¹⁾ (unladen)		4907 / 1860 / 1462		
Wheelbase	1 2968	2968		
Track, front/rear	1600 / 1626	1600 / 1626		
Ground clearance	141	141		
Turning circle	12.1	12.		
Tank capacity	ξ 70	70		
Cooling system incl heater	I 8.0	8.0		
Engine oil ²⁾	1 7.2	7.2		
Weight, unladen, to DIN/EU	1920 / 1995	1950 / 2025		
Max load to DIN	1 610	600		
Max permissible	2530	2550		
Max axle load, front/rear	1160 / 1420	1200 / 1420		
Max trailer load (12%),	1 2000 / 750	2000 / 750		
braked/unbraked	(
Max roofload/max towbar dwnl	100/90	100 / 90		
Luggage comp capacity	l 560 – 1670	560 – 1670		
Air resistance	(⁴⁾ x 2.35	⁴⁾ x 2.35		
7 III TOGISTATIO	X 2.00	X Eloc		
Engine Config/No of cyls/valves	Straight-six / 4	Straight-six / 4		
Engine technology	BMW TwinPower Turbo	BMW TwinPower Turbo		
Engine technology	technology with variable-geometry	technology with multi-stage		
	turbocharger, Common Rail direct	variable-geometry high-pressure		
	injection with solenoid valve	turbocharger, Common Rail direc		
	injectors (max. injection pressure:	injection with piezo injectors (max		
	1800 bar)	injection pressure: 2000 bar		
Capacity, effective	(2993	2993		
Stroke / bore	90.0 / 84.0	90.0 / 84.0		
Compression ratio	: 16.5	16.5		
Fuel grade	Diesel	Diese		
Max output	190/258	230 / 313		
at	1 4000	4400		
Max torque	1 560	630		
at	r 1500-3000	1500-2500		
	1000 0000	1000 2000		
Electrical System				
Battery/installation	90 / luggage comp	90 / luggage comp		
Alternator	220 / 3080	220 / 3080		
Driving Dynamics and Safet	у			
Suspension, front		separate lower track arm level, aluminium, small g roll radius, anti-dive		
Suspension, rear	double acoustic separa	e, aluminium, anti-squat and anti-dive, ation, air suspension with automatic self-levelling		
Brakes, front		ing-calliper disc brakes in frame structure		
Diameter	r 348 x 30 / inner-vented	348 x 36 / inner-vented		
Brakes, rear		swing-calliper disc brakes		
Diameter		345 x 24 / inner-vented		
Driving stability systems	Standard: DSC incl ABS and Dynamic Traction Control (DTC), Cornering Brake Control (CBC), Dynamic Brake Control (DBC), Dry Braking function, Fading Compensation, Start-Off Assistant, linked to xDrive all-wheel-drive system in Integrated Chassis Management (ICM); optional: Dynamic Damper Control, Adaptive Drive			
Safety equipment	Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for front and rear seats, three-point inertia-reel belts on all seats with belt stopper, belt tightener and belt force limiter at th front, crash-activated headrests at the front, crash sensors,			
Steering		e Defect Indicator ion power steering with Servotronic		
Steering transmission, overall	: 16.0	17.9 17.9		
Tyres, front/rear	225/55 R17 97Y 2			
Rims, front/rear	8J x 17 light-alloy 8J	x 17 light-alloy 8J x 17 light-alloy		

		BMW	530d xDrive Touring	BMW 535d xDrive Touring
Transmissi	on			
Type of gear			Fight-speed aut	omatic with Steptronic
Gear ratios	I	:1	4.714	4.714
	 	:1	3.143	3.143
		:1	2.106	2.106
	IV	:1	1.667	1.667
	V	:1	1,285	1.285
	VI	:1	1.000	1,000
	VII	:1	0.839	0.839
	VIII	:1	0.667	0.667
	R	:1	3.295	3.317
Final drive		:1	2.471	2.647
Performano	ce .			
Power-to-we	eight ratio	kg/kW	10.1	8.5
Output per lit	tre	kW	63.5	76.8
Acceleration	0-100 km/h	sec	5.9	5.3
	0-1000 m	sec	26.5	25.0
in 4th gear	80-120 km/h	sec	_	-
Top speed		km/h	248	250
	0		compressor, efficiency-optimis	y units, air flap control, detachable a/c ed rear differential and power divider, e, BMW BluePerformance technology
	mption EU ³⁾			
	d wheels and tyre		eels, 225/55 R17 tyres (2K1)	
Urban		ltr/100 km	6.7	7.1
Extra-urban		ltr/100 km	5.1	5.2
Combined		ltr/100 km	5.7 149	5.9
CO ₂		g/km	149 and with winter tyres (2HM, 2K2, 2I	154
Urban	wrieeis ariu 243/2	tr/100 km	6.9	7.3 (ZAK, 2NA, 931)
Extra-urban		ltr/100 km	5.2	5.3
Combined		ltr/100 km	5.9	6.0
CO ₂		g/km	154	159
	19 whools and 24F		s (2K4, 2WD, 2M3, 2NB)	133
Urban	15 WIICOS GIIG 240	ltr/100 km	7.1	7.6
Extra-urban		ltr/100 km	5.4	5.5
Combined		ltr/100 km	6.0	6.2
CO ₂		g/km	159	164
Emission rati	ing	gran	EU6	EU6
Insurance c	ategory			
(Germany) KH / VK / TK			4)	4
NT / VN / IK				

Height with roof aerial: 1488 mm
 Oil change
 Data not yet available

BMW M550d xDrive Touring.

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		BMW M550d xDrive Touring
D. J		
Body		
No of doors/seats		5/5
Length/width/height ¹⁾ (unladen)	mm	4910 / 1860 / 1462
Wheelbase	mm	2968
Track, front/rear	mm	1600 / 1626
Ground clearance	mm	141
Turning circle	m	12.1
Tank capacity	app ltr	70
Cooling system incl heater	ltr	12.6
Engine oil ²⁾	ltr	6.5
Weight, unladen, to DIN/EU	kg	1990 / 2065
Max load to DIN	kg	580
Max permissible	kg	2570
Max axle load, front/rear	kg	1240 / 1450
Max trailer load (12%),	kg	
braked/unbraked	3	2000 / 750
Max roofload/max towbar dwnl	kg	100 / 90
Luggage comp capacity	ltr	560 – 1670
Air resistance	Cd x A	⁴⁾ x 2.35
Engino		
Engine Config/No of cyls/valves		Straight-six / 4
Engine technology		M Performance TwinPower Turbo technology
		with three multi-stage variable-geometry turbochargers, Common Rail direct injection with piezo injectors (max. injection pressure 2200 bar
Capacity, effective	CC	2993
Stroke / bore	mm	90.0 / 84.0
Compression ratio	:1	90.0784.0
<u>'</u>	.1	Diese
Fuel grade Max output	kW/hp	280 / 381
at		4000 – 4400
	rpm	740
Max torque	Nm	· · ·
at	rpm	2000 – 3000
Electrical System		
Battery/installation	Ah/–	90 / luggage comp
Alternator	A/W	220 / 3080
Driving Dynamics and Safety	,	
Suspension, front		Double track control arm axle with separate lower track arm level, aluminium, A-specific damping and suspension tuning, small steering roll radius, anti-dive
Suspension, rear		Integral-V multi-arm axle, aluminium, double acoustic separation, M- specific damping and suspension tuning, anti-squat and anti-dive, air suspension with automatic self-levelling
Brakes, front		Single-piston aluminium swing-calliper disc brakes in frame structure
Diameter	mm	374 x 36 / inner-vented
Brakes, rear		Single-piston swing-calliper disc brakes
Diameter	mm	345 x 24 / inner-vented
Driving stability systems		tandard: DSC incl ABS and Dynamic Traction Control (DTC), Cornering Brake
		Control (CBC), Dynamic Brake Control (DBC), Dry Braking function, Fading Compensation, Start-Off Assistant, linked to xDrive all-wheel-drive system in Integrated Chassis Management (ICM); optional: Adaptive Drive
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for front and rear seats, three-point inertia-reel belts on all seats with belt tightener and belt force limiter at the front, crash-activated headrests at the front, crash sensors, run-flat tyres, Tyre Defect Indicator
Steering		Hydraulic rack-and-pinion power steering with M-specific Servotronic
Steering transmission, overall	:1	with M-specific Servotronic 17.9
	.1	245/40 R19 98Y RSC
Tyres, front/rear		

			BMW M550d xDrive Touring
Transmissio			
Type of gearb	OX		
Gear ratios	l	:1	4.714
	II	:1	3.143
	III	:1	2.106
	IV	:1	1.667
	V	:1	1.285
	VI	:1	1.000
	VII	:1	0.839
	VIII	:1	0.667
	R	:1	3.317
Final drive		:1	2.813
Performance	9		
Power-to-weig	ght ratio	kg/kW	7.1
Output per litr	e	kW	93,6
Acceleration	0-100 km/h	sec	4.9
	1000 metres	sec	24.1
in 4th gear	80-120 km/h	sec	-
Top speed		km/h	250
BMW Efficie	ntDynamics		
BMW Efficient standard featu			Brake Energy Regeneration with recuperation display, Auto Start Stop function, ECO PRO mode with coasting function, intelligent lightweight construction, on-demand operation of ancillary units, air flap control, detachable alc compressor, efficiency-optimised rear differential and power divider, tyres with reduced roll resistance, BMW BluePerformance technology
Fuel Consun	nntion FII		
Urban	paon E0	ltr/100 km	7.7
Extra-urban		Itr/100 km	5.5
Combined		Itr/100 km	6.3
CO ₂		g/km	166
Emission ratin	g	g/kiii	EU6
Insurance Ca	ategory		
(Germany)			3
KH/VK/TK			

Height with roof aerial: 1488 mm
 Oil change
 Data not yet available

BMW 535i Gran Turismo, BMW 550i Gran Turismo.

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		BMW 535i Gran Turismo	BMW 550i Gran Turismo
Body			
No of doors/seats		4/5	4/5
Length/width/height 1) (unladen)	mm	5004 / 1901 / 1559	5004 / 1901 / 1559
Wheelbase	mm	3070	3070
Track, front/rear	mm	1611 / 1654	1621 / 1636
Ground clearance	mm	145	145
Turning circle	m	12.2	12.2
Tank capacity	app ltr	70	70
Cooling system incl heater	ltr	9.3	14.4
Engine oil 2)	ltr	6.5	9.0
Weight, unladen, to DIN/EU	kg	1940 / 2015	2070 / 2145
Max load to DIN	kg	630	600
Max permissible	kg	2570	2670
Max axle load, front/rear	kg	1165 / 1490	1245 / 1500
Max trailer load (12%), braked/unbraked	kg	2100 / 750	2100 / 750
Max roofload/max towbar downl	kg	75 / 100	75 / 100
Luggage comp capacity	Itr	500 – 1700	500 – 1700
Air resistance	Cd x A	0.30 x 2.57	0.31 x 2.57
Engine			
Config/No of cyls/valves		Straight-six / 4	V8 / 4
Engine technology		BMW TwinPower Turbo	BMW TwinPower Turbo
		technology with Twin-Scroll turbocharger, direct injection	technology with two turbochargers, direct injection
		(High Precision Injection) and	(High Precision Injection) and
		fully variable valve control	fully variable valve control
		(VALVETRONIC)	(VALVETRONIC)
Capacity, effective	CC	2979	4395
Stroke / bore	mm	89.6 / 84.0	88.3 / 89.0
Compression ratio	:1	10.2	10.0
Fuel		Min RON 91	Min RON 91
Max output	kW/hp	235 / 306	330 / 450
at	rpm	5800 – 6000	5500 – 6000
Max torque	Nm	400	650
at	rpm	1200–5000	2000-4500
Electrical System	A1./	00.11	405.11
Battery/location	Ah/-	90 / luggage comp	105 / luggage comp
Alternator	A/W	210 / 2940	210 / 2940
Driving Dynamics and Safety Suspension, front	•	Double treel, central arm sub with	concrete lewer trook arm level al minimo
	Double track control arm axle with separate lower track arm level, aluminium, small steering roll radius, anti-dive		
Suspension, rear	Integral-V multi-arm axle, aluminium, with steering function, anti-squat and anti-dive, double acoustic separation, air suspension with automatic		
Brakes, front			If-levelling ating-calliper disc brakes
Brakes, rear			ating-calliper disc brakes
Driving stability systems	Ç		nic Traction Control (DTC), Cornering Brake
Driving stability systems		Control (CBC), Dynamic Brak Compensation, Start-Off Assist	e Control (DBC), Dry Braking, Fading ant; optional: Dynamic Damper Control, aptive Drive
Safety equipment	Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags at the rear on the outer seats, three-point inertia-reel belts on all seats, belt stoppers and belt latch tensioners at the front, crash sensors. Tyre Defect Indicator		
Steering	Electric Power Steering (EPS) with Servotronic; optional: Integral Active Steering		
Steering transmission, overall	:1	19.1	19.1
Tyres, front/rear		245/50 R18 100Y RSC	245/45 R19 98Y RSC/ 275/40 R 19 101Y RSC
Rims, front/rear		8J x 18 light-alloy	8.5J x 19 light-alloy/

			BMW 535i Gran Turismo	BMW 550i Gran Turismo
Transmission				
Type of transmis	ssion		Eight-speed automatic transmis	ssion with Steptronic function
Gear ratios	I	:1	4.714	4.714
	II	:1	3.143	3.143
	III	:1	2.106	2.106
	IV	:1	1.667	1.667
	V	:1	1.285	1.285
	VI	:1	1.000	1.000
	VII	:1	0.839	0.839
	VIII	:1	0.667	0.667
	R	:1	3.317	3.317
Final drive		:1	3.077	2.813
Performance				
Power-to-weigh	t ratio (DIN)	kg/kW	8.6	6.3
Output per litre		kW	75.5	75.1
Acceleration	0-100 km/h	sec	6.1	5.0
	0-1000 m	sec	26.2	23.5
Top speed		km/h	250	250
BMW Efficient	Dynamics			
BMW EfficientD standard feature		I	Brake Energy Regeneration with recuper gearshift point indicator (on manual ge coasting function (on automatic models on-demand operation of and Electric Power Steering (EPS), map- compressor, tyres with r	arbox models), ECO PRO mode with s), intelligent lightweight construction, cillary units, air flap control, controlled oil pump, detachable a/c
			compressor, tyres with r	educed foil resistance
Fuel Consump	otion EU			
Urban		ltr/100 km	11.2	12.4
Extra-urban		ltr/100 km	6.5	7.3
Combined		ltr/100 km	8.2	9.2
CO ₂		g/km	192	214
Emission rating			EU6	EU6
Insurance Cate (Germany)	egory			
KH / VK / TK			3)	3

Height with roof fin: 1564 mm
 Oil change
 Data not yet available

BMW 520d Gran Turismo.

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		BMW 520d Gran Turismo		
Body				
No of doors/seats		4/5		
Length/width/height 1) (unladen)	mm	5004 / 1901 / 1559		
Wheelbase	mm	3070		
Track, front/rear	mm	1611 / 1654		
Ground clearance	mm	145		
Turning circle	m	12.2		
Tank capacity	app ltr	70		
Cooling system incl heater	ltr	8.4		
Engine oil 2)	ltr	5.2		
Weight, unladen, to DIN/EU	kg	1915 / 1990		
Max load to DIN	kg	630		
Max permissible	kg	2545		
Max axle load, front/rear	kg	1090 / 1500		
Max trailer load (12%), braked/unbraked	kg	2100 / 750		
Max roofload/max towbar downl	kg	75 / 100		
Luggage comp capacity	ltr	500 – 1700		
Air resistance	Cd x A	0.29 x 2.57		
Engino				
Engine Config/No of avial/valvas		Chrisht farm / A		
Config/No of cyls/valves		Straight-four / 4		
Engine technology		BMW TwinPower Turbo technology: Turbocharger		
		with variable intake geometry,		
		Common Rail direct injection		
		with solenoid valve injectors		
		(max. injection pressure:		
		1800 bar)		
Capacity, effective	CC	1995		
Stroke / bore	mm	90.0 / 84.0		
Compression ratio	:1	16.5		
Fuel		Diesel		
Max output	kW/hp	135 / 184		
at	rpm	4000		
Max torque	Nm	380		
at	rpm	1750		
Electrical System				
Battery/location	Ah/-	105 / luggage comp		
Alternator	A/W	180 / 2520		
Driving Dynamics and Safety	•			
Suspension, front		Double track control arm axle with separate lower track arm level, aluminium, small steering roll radius, anti-dive		
Suspension, rear		Integral-V multi-arm axle, aluminium, with steering function, anti-squat and		
		anti-dive, double acoustic separation, air suspension with		
		automatic self-levelling		
Brakes, front		Single-piston floating-calliper disc brakes		
Brakes, rear		Single-piston floating-calliper disc brakes		
Driving stability systems		Standard: DSC incl ABS and DTC Dynamic Traction Control, CBC Cornering Brake Control, DBC Dynamic Brake Control, Dry Braking, Fading Compensation, Start-Off Assistant, optional: Dynamic Damper Control		
Safety equipment	Ç	Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags at the rear on the outer seats, three-point inertia-reel seat belts on all seats, belt limiters and belt latch tensioners at the front, crash sensors, Tyre Defect Indicator		
Steering		Electric Power Steering (EPS) with Servotronic; optional: Integral Active Steering		
Steering transmission, overall	:1	19.1		
Tyres, front/rear	• • •	245/50 R18 100Y		
Rims, front/rear		8J x 18 light-alloy		
		35 x 10 light-alloy		

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		BMW 520d Gran Turismo
Transmission		
Type of transmission		Eight-speed automatic transmission with Steptronic
Gear ratios I	:1	4.714
II	:1	3.143
III	:1	2.106
IV	:1	1.667
V	:1	1.285
VI	:1	1.000
VII	:1	0.839
VIII	:1	0.667
R	:1	3.295
Final drive	:1	3.077
Performance		
Power-to-weight ratio (DIN)	kg/kW	14.2
Output per litre	kW	67.7
Acceleration 0–100 km/h	sec	8.9
0–1000 m	sec	29.9
Top speed	km/h	215
BMW EfficientDynamics		
BMW EfficientDynamics		Brake Energy Regeneration with recuperation display, Auto Start Stop function,
standard features		ECO PRO mode with coasting function, intelligent lightweight construction,
		on-demand operation of ancillary units, air flap control,
		Electric Power Steering (EPS), detachable a/c compressor, tyres with reduced
		roll resistance, BMW BluePerformance technology
Fuel Consumption EU		
Urban	Itr/100 km	6.2
Extra-urban	Itr/100 km	5.0
Combined	Itr/100 km	5.5
CO ₂	g/km	144
Emission rating		EU6
Insurance category		
(Germany) KH / VK / TK		3

Height with roof fin: 1564 mm
 Oil change
 Data not yet available

BMW 530d Gran Turismo, BMW 535d Gran Turismo.

mm mm mm mm mm mr ltr ltr kg kg kg kg	4 / 5 5004 / 1901 / 1559 3070 1611 / 1654 145 12.2 70 8.8 6.5 1940 / 2015 630 2570 1150 / 1500 2100 / 750 75 / 100 500 – 1700 0.29 x 2.57 Straight-six / 4 BMW TwinPower Turbo technology: variable-intake	4 / 5 5004 / 1901 / 1559 3070 1611 / 1654 145 12.2 70 8.9 6.5 1970 / 2045 630 2600 1170 / 1500 2100 / 750 75 / 100 500 – 1700 0.30 x 2.57 Straight-six / 4 BMW TwinPower Turbot technology: multi-stage	
mm mm mm mm pp ltr ltr kg kg kg kg kg ltr	5004 / 1901 / 1559 3070 1611 / 1654 145 12.2 70 8.8 6.5 1940 / 2015 630 2570 1150 / 1500 2100 / 750 Straight-six / 4 BMW TwinPower Turbo technology: variable-intake	5004 / 1901 / 1559 3070 1611 / 1654 145 12.2 70 8.9 6.5 1970 / 2045 630 2600 1170 / 1500 2100 / 750 75 / 100 500 – 1700 0.30 x 2.57 Straight-six / 4 BMW TwinPower Turbot technology: multi-stage	
mm mm mm mm pp ltr ltr kg kg kg kg kg ltr	5004 / 1901 / 1559 3070 1611 / 1654 145 12.2 70 8.8 6.5 1940 / 2015 630 2570 1150 / 1500 2100 / 750 Straight-six / 4 BMW TwinPower Turbo technology: variable-intake	5004 / 1901 / 1559 3070 1611 / 1654 145 12.2 70 8.5 6.5 1970 / 2045 630 2600 1170 / 1500 2100 / 750 75 / 100 500 - 1700 0.330 x 2.57 Straight-six / 4 BMW TwinPower Turbot technology: multi-stage	
mm mm mm mm pp ltr ltr kg kg kg kg kg ltr	3070 1611 / 1654 145 12.2 70 8.8 6.5 1940 / 2015 630 2570 1150 / 1500 2100 / 750 75 / 100 500 - 1700 0.29 x 2.57 Straight-six / 4 BMW TwinPower Turbo technology: variable-intake	3070 1611 / 1654 145 12.2 70 8.9 6.5 1970 / 2045 630 2600 1170 / 1500 2100 / 750 75 / 100 500 - 1700 0.30 x 2.57 Straight-six / 4 BMW TwinPower Turbot technology: multi-stages	
mm m pp ltr ltr ltr kg kg kg kg kg kg	145 12.2 70 8.8 6.5 1940 / 2015 630 2570 1150 / 1500 2100 / 750 75 / 100 500 – 1700 0.29 x 2.57 Straight-six / 4 BMW TwinPower Turbo technology: variable-intake	145 12.2 70 8.9 6.5 6.5 1970 / 2045 630 2600 1170 / 1500 2100 / 750 75 / 100 500 - 1700 0.30 x 2.57 Straight-six / 4 BMW TwinPower Turbot technology: multi-stage	
m pp ltr ltr ltr kg kg kg kg kg ltr	12.2 70 8.8 6.5 1940 / 2015 630 2570 1150 / 1500 2100 / 750 75 / 100 500 – 1700 0.29 x 2.57 Straight-six / 4 BIMW TwinPower Turbo technology: variable-intake	12.2 70 8.9 6.5 1970 / 2045 630 2600 1170 / 1500 2100 / 750 75 / 100 500 - 1700 0.30 x 2.57 Straight-six / 4 BMW TwinPower Turbot technology: multi-stage	
pp ltr ltr ltr kg kg kg kg kg ltr	70 8.8 6.5 1940 / 2015 630 2570 1150 / 1500 2100 / 750 75 / 100 500 – 1700 0.29 x 2.57 Straight-six / 4 BIMW TwinPower Turbo technology: variable-intake	70 8.9 6.5 1970 / 2045 630 2600 1170 / 1500 2100 / 750 75 / 100 500 - 1700 0.30 x 2.57 Straight-six / 4 BMW TwinPower Turbo technology: multi-stage	
pp ltr ltr ltr kg kg kg kg kg ltr	8.8 6.5 1940 / 2015 630 2570 1150 / 1500 2100 / 750 75 / 100 500 - 1700 0.29 x 2.57 Straight-six / 4 BIMW TwinPower Turbo technology: variable-intake	8.9 6.5 1970 / 2045 630 2600 1170 / 1500 2100 / 750 75 / 100 500 - 1700 0.30 x 2.57 Straight-six / 4 BMW TwinPower Turbo technology: multi-stage	
ltr ltr kg kg kg kg kg ltr	6.5 1940 / 2015 630 2570 1150 / 1500 2100 / 750 75 / 100 500 – 1700 0.29 x 2.57 Straight-six / 4 BIMW TwinPower Turbo technology: variable-intake	6.5 1970 / 2045 630 2600 1170 / 1500 2100 / 750 75 / 100 500 - 1700 0.30 x 2.57 Straight-six / 4 BMW TwinPower Turbo technology: multi-stage	
kg kg kg kg kg	1940 / 2015 630 2570 1150 / 1500 2100 / 750 75 / 100 500 – 1700 0.29 x 2.57 Straight-six / 4 BIMW TwinPower Turbo technology: variable-intake	1970 / 2045 630 2600 1170 / 1500 2100 / 750 75 / 100 500 - 1700 0.30 x 2.57 Straight-six / 4 BMW TwinPower Turbo technology: multi-stage	
kg kg kg kg ltr	630 2570 1150 / 1500 2100 / 750 75 / 100 500 – 1700 0.29 x 2.57 Straight-six / 4 BMW TwinPower Turbo technology: variable-intake	630 2600 1170 / 1500 2100 / 750 75 / 100 500 – 1700 0.30 x 2.57 Straight-six / 4 BIMW TwinPower Turbo technology: multi-stage	
kg kg kg kg ltr	2570 1150 / 1500 2100 / 750 75 / 100 500 – 1700 0.29 x 2.57 Straight-six / 4 BMW TwinPower Turbo technology: variable-intake	2600 1170 / 1500 2100 / 750 75 / 100 500 - 1700 0.30 x 2.57 Straight-six / 4 BMW TwinPower Turbo technology: multi-stage	
kg kg kg ltr	1150 / 1500 2100 / 750 75 / 100 500 – 1700 0.29 x 2.57 Straight-six / 4 BMW TwinPower Turbo technology: variable-intake	1170 / 1500 2100 / 750 75 / 100 500 - 1700 0.30 x 2.57 Straight-six / 4 BMW TwinPower Turbo technology: multi-stage	
kg kg Itr	2100 / 750 75 / 100 500 – 1700 0.29 x 2.57 Straight-six / 4 BMW TwinPower Turbo technology: variable-intake	2100 / 750 75 / 100 500 - 1700 0.30 x 2.57 Straight-six / 4 BMW TwinPower Turbot technology: multi-stage	
kg Itr	75 / 100 500 – 1700 0.29 x 2.57 Straight-six / 4 BMW TwinPower Turbo technology: variable-intake	75 / 100 500 - 1700 0.30 x 2.57 Straight-six / 4 BMW TwinPower Turbo technology: multi-stage	
ltr	500 – 1700 0.29 x 2.57 Straight-six / 4 BMW TwinPower Turbo technology: variable-intake	500 – 1700 0.30 x 2.57 Straight-six / 4 BMW TwinPower Turbo technology: multi-stage	
ltr	500 – 1700 0.29 x 2.57 Straight-six / 4 BMW TwinPower Turbo technology: variable-intake	500 - 1700 0.30 x 2.57 Straight-six / 4 BMW TwinPower Turbo technology: multi-stage	
	0.29 x 2.57 Straight-six / 4 BMW TwinPower Turbo technology: variable-intake	0.30 x 2.57 Straight-six / 4 BMW TwinPower Turbo technology: multi-stage	
Axb	Straight-six / 4 BMW TwinPower Turbo technology: variable-intake	Straight-six / 4 BMW TwinPower Turbo technology: multi-stage	
	BMW TwinPower Turbo technology: variable-intake	BMW TwinPower Turbo technology: multi-stage	
	BMW TwinPower Turbo technology: variable-intake	BMW TwinPower Turbo technology: multi-stage	
	technology: variable-intake	technology: multi-stage	
	turboohorger Common Dell		
	turbocharger, Common Rail	variable-geometry high	
	direct injection with solenoid	pressure turbocharger	
		Common Rail direct injection with piezo injectors (max	
	pressure. 1000 bar)	injection pressure: 2000 bar	
CC	2993	2993	
		90.0 / 84.0	
		16.5	
- ''		Diese	
M/hn		230 / 313	
		4400	
		630	
rpm	1500	1500	
A1 /	105.11	105 ()	
		105 / luggage comp	
A/W	180 / 2520	180 / 2520	
Double track control arm axle with separate lower track arm level, aluminium, small steering roll radius, anti-dive			
anti-dive, double acoustic separation, air suspension with			
automatic self-levelling			
	Single-piston floating	ng-calliper disc brakes	
		g -calliper disc brakes	
Standard: DSC incl ABS and DTC Dynamic Traction Control, CBC Cornering			
Brake Control, DBC Dynamic Brake Control, Dry Braking, Fading Compensation, Start-Off Assistant, optional: Adaptive Drive incl Dynamic Damper Control and Dynamic Drive anti-roll stability management			
0	<u> </u>	, ,	
Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags at the rear on the outer seats, three-point inertia-reel seat belts on all seats, belt limiters and belt latch tensioners at the front, crash sensors, Tyre Defect Indicator			
	•	9 ()	
-1		ar Active Steering 19.1	
. 1		245/50 R18 100Y RSC	
		245/50 R 18 100 Y R 5C 8J x 18 light-alloy	
	Ah/- AW	mm 90.0 / 84.0 :1 16.5 Diesel W/hp 190 / 258 rpm 4000 Nm 560 rpm 1500 Ah/- 105 / luggage comp AW 180 / 2520 Double track control arm axle with se small steering re latering re l	

			BMW 530d Gran Turismo	BMW 535d Gran Turismo
Transmission				
Type of transmi			Eight-speed automatic tra	namicaian with Stantrania
Gear ratios	551011	:1	4,714	4.714
Gear ratios		:1 :1	3.143	3.143
	<u>"</u> 	:1	2.106	2.106
	IV	:1	1.667	1.667
	V	:1	1.285	1.285
	VI	:1	1.000	1.000
	VII	:1	0.839	0.839
	VIII	:1	0.667	0.667
	R	:1	3,317	3.317
Final drive		:1	2.563	2.647
Performance				
Power-to-weigh	nt ratio (DIN)	kg/kW	10.2	8.6
Output per litre		kW	63.5	76.8
Acceleration	0-100 km/h	sec	6.2	5.7
	0–1000 m	sec	26.5	25.5
Top speed		km/h	246	250
BMW Efficient	tDynamics			
BMW EfficientD standard feature			Brake Energy Regeneration with recupe ECO PRO mode with coasting function on-demand operation of an Electric Power Steering (EPS), detacha roll resistance, BMW Blue	n, intelligent lightweight construction, cillary units, air flap control, ble a/c compressor, tyres with reduced
Fuel Consump	otion EU			
Urban		ltr/100 km	6.8	6.8
Extra-urban		ltr/100 km	5.2	5.3
Combined		ltr/100 km	5.8	5.9
CO ₂		g/km	153	154
Emission rating			EU6	EU6
Insurance cate (Germany)	egory			
KH / VK / TK				3)

Height with roof aerial: 1564 mm
 Oil change
 Data not yet available

BMW 535i xDrive Gran Turismo, BMW 550i xDrive Gran Turismo.

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	BMW 5	35i xDrive Gran Turismo	BMW xDrive 550i Gran Turismo
Bodv			
No of doors/seats		4/5	4/:
Length/width/height 1) (unladen)	mm	5004 / 1901 / 1559	5004 / 1901 / 155
Wheelbase	mm	3070	30047130171333
Track, front/rear	mm	1611 / 1654	1621 / 1636
Ground clearance	mm	145	145
Turning circle	m	12.5	12.5
Tank capacity	app ltr	70	70
Cooling system incl heater	Itr	9.3	14.4
Engine oil 2)	ltr	6.5	9,0
Weight, unladen, to DIN/EU	kg	1995 / 2070	2140 / 221
Max load to DIN	kg	630	590
Max permissible	kg	2625	2730
Max axle load, front/rear	kg	1200 / 1500	1290 / 1500
Max trailer load (12%), braked/unbraked	kg	2100 / 750	2100 / 750
Max roofload/max towbar downl	kg	75 / 100	75 / 100
Luggage comp capacity	ltr	500 – 1700	500 – 1700
Air resistance	Cd x A	0.31 x 2.57	0.31 x 2.57
Engine			
Config/No of cyls/valves		Straight-six / 4	V8 / 4
Engine technology		BMW TwinPower Turbo	BMW TwinPower Turbo
		technology with Twin-Scroll	technology with two
		turbocharger, direct injection	turbochargers, direct injection
	(High Precision Injection) and fully variable valve control	(High Precision Injection) and fully variable valve contro
		(VALVETRONIC)	(VALVETRONIC
Capacity, effective	CC	2979	4395
Stroke / bore	mm	89.6 / 84.0	88.3 / 89.0
Compression ratio	:1	10,2	10,0
Fuel		Min RON 91	Min RON 91
Max output	kW/hp	225 / 306	330 / 450
at	rpm	5800 - 6000	5500 - 6000
Max torque	Nm	400	650
at	rpm	1200 – 5000	2000 – 4500
Electrical System			
Battery/location	Ah/–	90 / luggage comp	105 / luggage comp
Alternator	A/W	210 / 2940	210 / 2940
Driving Dynamics and Safety			
Suspension, front	L	small stee	rith separate lower track arm level, aluminium, ring roll radius, anti-dive
Suspension, rear	Integral-V multi-arm axle, aluminium, with steering function, anti-squat and anti-dive, double acoustic separation, air suspension with automatic self-levelling		
Brakes, front		Sinale-niston	floating-calliper disc brakes
Brakes, rear			floating-calliper disc brakes
Driving stability systems	Standard: DSC incl ABS and Dynamic Traction Control (DTC), Cornering Brake Control (CBC), Dynamic Brake Control (DBC), Dry Braking, Fading Compensation, Start-Off Assistant; optional: Dynamic Damper Control,		
Safety equipment	Adaptive Drive Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags at the rear on the outer seats, three-point inertia-reel belts on all seats, belt stoppers and belt latch tensioners at the front, crash sensors, Tyre Defect Indicator		
Steering			-pinion steering with Servotronic
Steering transmission, overall	:1	19.1	19.1
Tyres, front/rear	•••	245/50 R18 100Y RSC	245/45 R19 98Y RSC 275/40 R19 101Y RSC
Rims, front/rear		8J x 18 light-alloy	8.5J x 19 light-alloy

		BMW	535i xDrive Gran Turismo	BMW 550i xDrive Gran Turismo
Transmission				
Type of transmis	ssion		Fight-speed automatic tran	nsmission with Steptronic function
Gear ratios	I	:1	4.714	4.714
	<u>.</u>	:1	3.143	3.143
		:1	2.106	2.106
	IV	:1	1.667	1.667
	V	:1	1.285	1.285
	VI	:1	1.000	1.000
	VII	:1	0.839	0.839
	VIII	:1	0.667	0.667
	R	:1	3.295	3.317
Final drive		:1	3.077	2.810
Performance				
Power-to-weigh	t ratio (DIN)	kg/kW	8.9	6.5
Output per litre		kW	75.5	75.
Acceleration	0-100 km/h	sec	6.1	4.8
	0-1000 m	sec	26.4	23.5
Top speed		km/h	-	-
BMW Efficient	Dynamics			
BMW EfficientD standard feature			gearshift point indicator (on manual coasting function (on automatic mon- on-demand operation of ancillary pump, detachable a/c compress	uperation display, Auto Start Stop function al gearbox models), ECO PRO mode with odels), intelligent lightweight construction, units, air flap control, map-controlled oil or, efficiency-optimised rear differential ower divider
Fuel Consump	tion EU			
Urban		ltr/100 km	11.7	13.0
Extra-urban		ltr/100 km	6.7	7.7
Combined		ltr/100 km	8.5	9.6
CO ₂		g/km	199	224
Emission rating			EU6	EU6
Insurance Cate (Germany)	egory			
KH/VK/TK			3)	3

Height with roof fin: 1564 mm
 Oil change
 Data not yet available

BMW 530d xDrive Gran Turismo, BMW 535d xDrive Gran Turismo.

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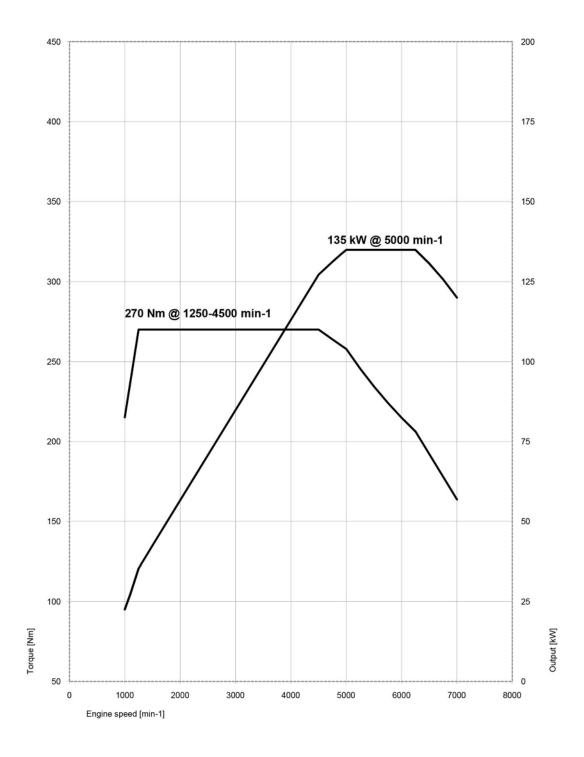
	BMW 5	30d xDrive Gran Turismo	BMW 535d xDrive Gran Turismo
Body			
No of doors/seats		4/5	4/5
Length/width/height 1) (unladen)	mm	5004 / 1901 / 1559	5004 / 1901 / 1559
Wheelbase	mm	3070	3070
Track, front/rear	mm	1611 / 1654	1611 / 1654
Ground clearance	mm	145	145
Turning circle	m	12.2	12.2
Tank capacity	app ltr	70	70
Cooling system incl heater	ltr	8.8	8.9
Engine oil 2)	ltr	6.5	6.5
Weight, unladen, to DIN/EU	kg	1940 / 2015	1970 / 2045
Max load to DIN	kg	630	630
Max permissible	kg	2570	2600
Max axle load, front/rear	kg	1150 / 1500	1170 / 1500
Max trailer load (12%), braked/unbraked	kg	2100 / 750	2100 / 750
Max roofload/max towbar downl	kg	75 / 100	75 / 100
Luggage comp capacity	ltr	500 – 1700	500 – 1700
Air resistance	Cd x A	0.29 x 2.57	0.30 x 2.57
Engine			
Config/No of cyls/valves		Straight-six / 4	Straight-six / 4
Engine technology		BMW TwinPower Turbo	BMW TwinPower Turbo
		technology: variable-	technology with variable-
		geometry turbocharger,	geometry multi-stage high-
		Common Rail direct injection	pressure turbocharger,
		with solenoid valve injectors	Common Rail direct injection
		(max. injection pressure: 1800 bar)	with piezo injectors (max. injection pressure: 2000 bar)
Consoit a officialism		2993	2993
Capacity, effective	CC		
Stroke / bore	mm	90.0 / 84.0	90.0 / 84.0
Compression ratio	:1	16.5	16.5
Fuel	1347	Diesel	Diesel
Max output	kW/hp	190 / 258	230 / 313
at	rpm	4000	4400
Max torque	Nm	560	630
at	rpm	1500	1500
Electrical System			
Battery/location	Ah/–	105 / luggage comp	105 / luggage comp
Alternator	A/W	180 / 2520	180 / 2520
Driving Dynamics and Safety			
Suspension, front			separate lower track arm level, aluminium, g roll radius, anti-dive
Suspension, rear	Integral-V multi-arm axle, aluminium, anti-squat and anti-dive, double acoustic separation, air suspension with		
Darley (co.)			tic self-levelling
Brakes, front			ating-calliper disc brakes
Brakes, rear			ating-calliper disc brakes
Driving stability systems	Standard: DSC incl ABS and DTC Dynamic Traction Control, CBC Cornering Brake Control, DBC Dynamic Brake Control, Dry Braking, Fading Compensation, Start-Off Assistant, networked with xDrive all-wheel-drive system in ICM Integrated Chassis Management; optional: Adaptive Drive incl Dynamic Damper Control and Dynamic Drive anti-roll stability management		
Safety equipment	Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags at the rear on the outer seats, three-point inertia-reel seat belts on all seats, belt limiters and belt latch tensioners at the front, crash sensors, Tyre Defect Indicator		
Steering		Electric Power Stee	ring (EPS) with Servotronic
Steering transmission, overall	:1	19.1	19.1
Tyres, front/rear		245/50 R18 100Y RSC	245/50 R18 100Y RSC
Rims, front/rear		8J x 18 light-alloy	8J x 18 light-alloy
Tarrio, ironoroai		30 × 10 light-alloy	OO X TO HIGHT-dilloy

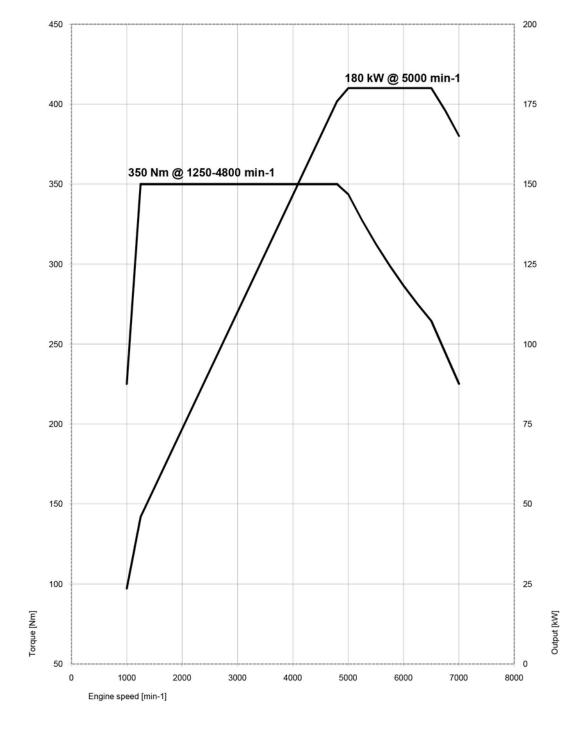
		BMW 53	0d xDrive Gran Turismo	BMW 535d xDrive Gran Turismo	
Transmission					
Type of transmi			Fight-speed automatic tran	nsmission with Steptronic function	
Gear ratios	J	:1	4.714	4.714	
	<u> </u>	:1	3.143	3.143	
	III	:1	2.106	2.106	
	IV	:1	1.667	1.667	
	V	:1	1.285	1.285	
	VI	:1	1.000	1.000	
	VII	:1	0.839	0.839	
	VIII	:1	0.667	0.667	
	R	:1	3.317	3.317	
Final drive		:1	2.563	2.647	
Performance					
Power-to-weigh	nt ratio (DIN)	kg/kW	10.6	8.9	
Output per litre		kW	63.5	76.8	
Acceleration	0-100 km/h	sec	6.2	5.6	
	0–1000 m	sec	26.6	25.6	
Top speed		km/h	246	250	
BMW Efficien	tDynamics				
BMW EfficientDynamics, standard features		E	Brake Energy Regeneration with recuperation display, Auto Start Stop function, ECO PRO mode with coasting function, intelligent lightweight construction, on-demand operation of ancillary units, air flap control, Electric Power Steering (EPS), detachable a/c compressor, tyres with reduced roll resistance, BMW BluePerformance technology		
Fuel Consum	ntion FU				
Urban		Itr/100 km	6.8	6.8	
Extra-urban		Itr/100 km	5.2	5.3	
Combined		Itr/100 km	5.8	5.9	
CO ₂		g/km	153	154	
Emission rating			EU6	EU6	
Insurance Cat	egory				

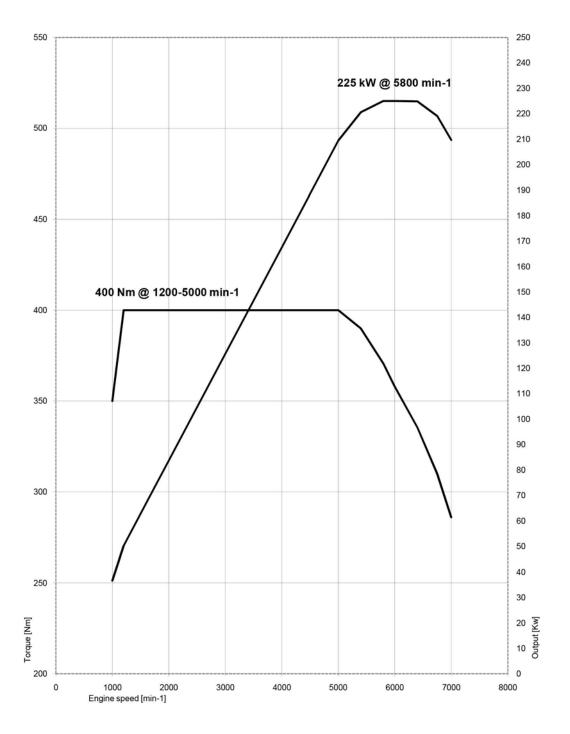
Height with roof aerial: 1564 mm
 Oil change
 Data not yet available

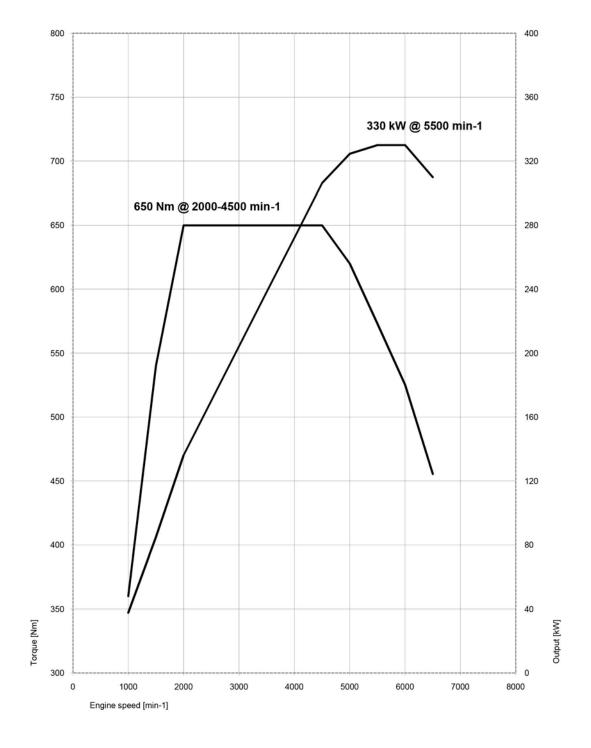
8. Output and torque diagrams. BMW 520i.

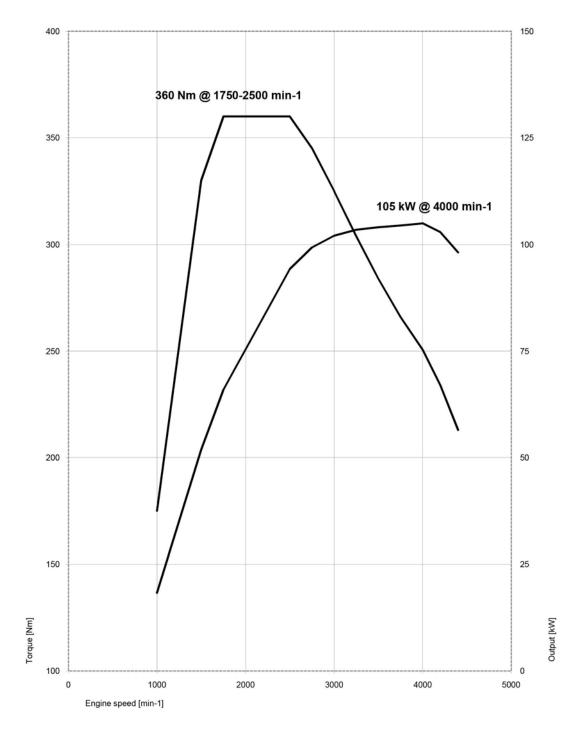




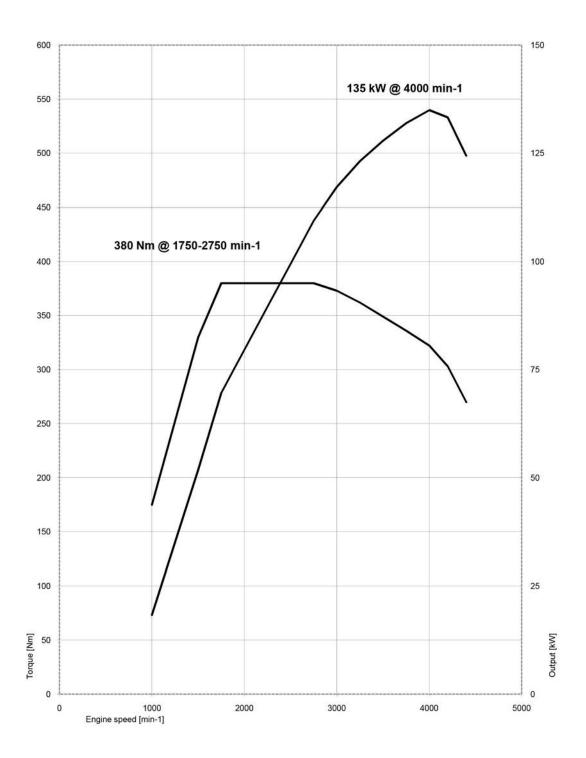


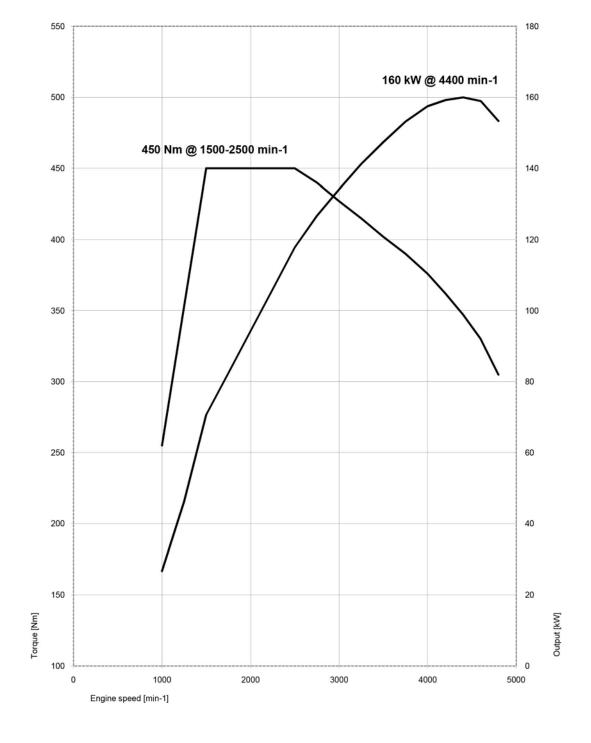




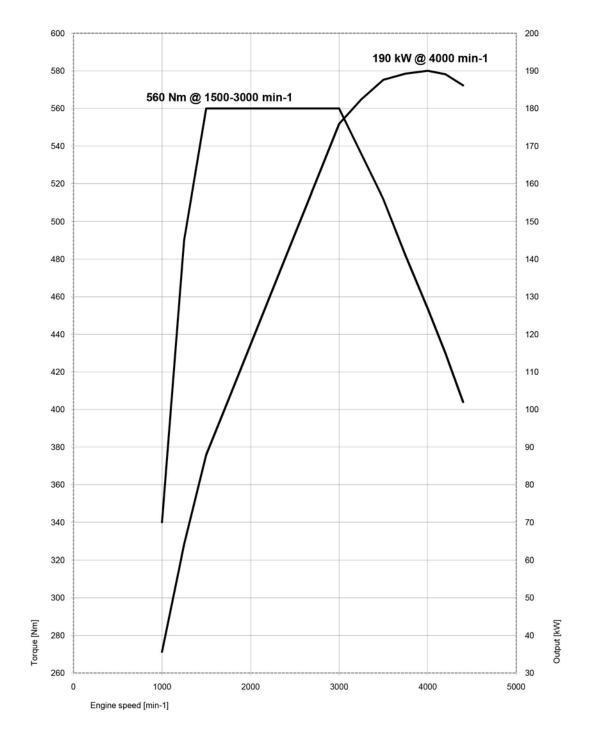


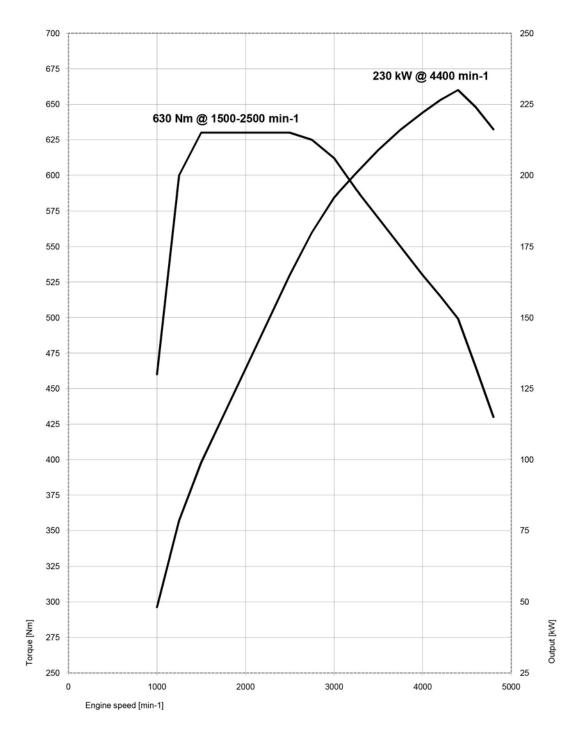
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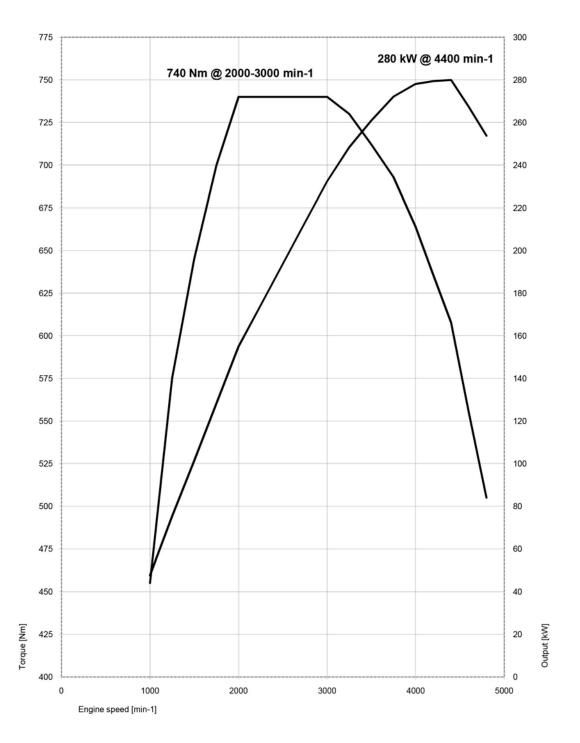


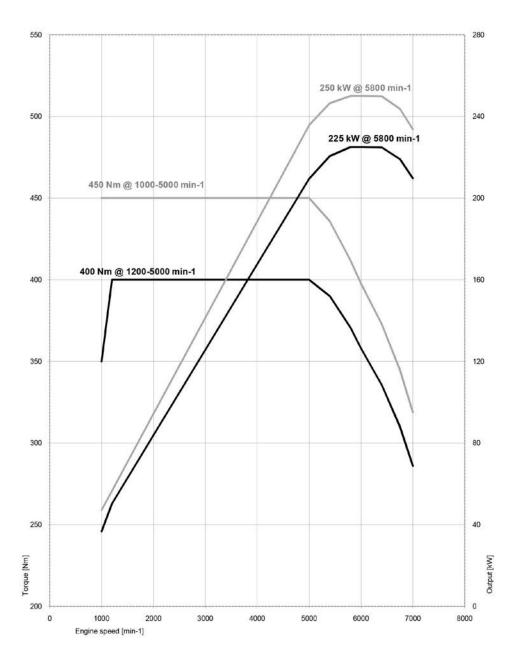


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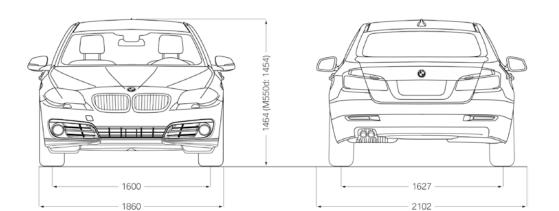


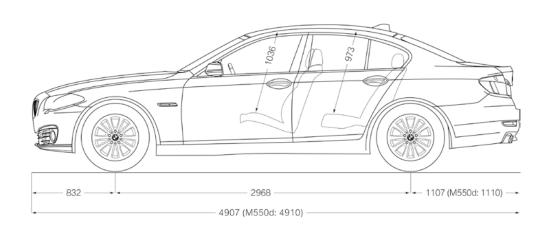


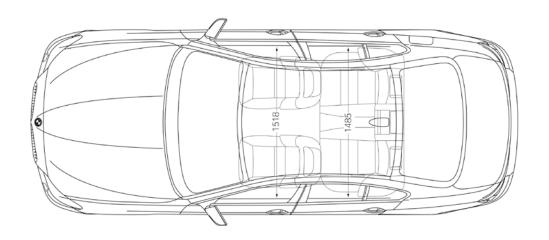
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9. Exterior and interior dimensions. BMW 5 Series Sedan.



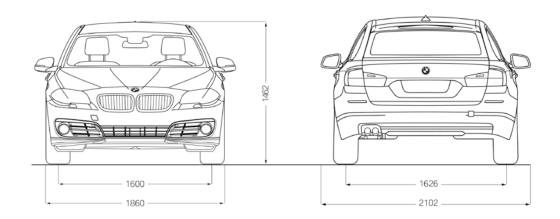


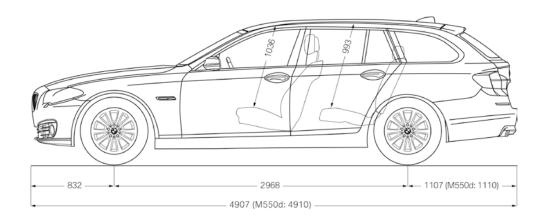


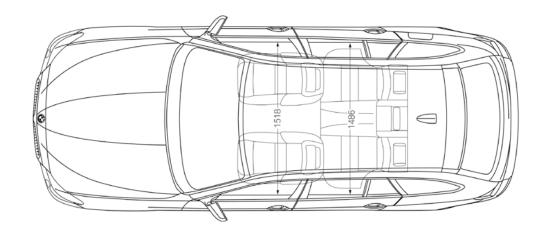


BMW 5 Series Touring.

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BMW 5 Series Gran Tourismo.

