



Media information  
13 November 2018

## **The new BMW M340i xDrive Sedan: World premiere at the Los Angeles Auto Show 2018.** **Straight six-cylinder petrol engine, M-specific suspension technology, M Sport differential, intelligent four-wheel drive: BMW M GmbH presents the outstandingly dynamic model variant of the new sports sedan.**

**Munich.** The new BMW 3 Series Sedan is picking up more speed on its way to its market launch in the spring of 2019. The BMW M GmbH is now presenting an extremely dynamic model variant of the new sports sedan. The BMW M340i xDrive Sedan (combined fuel consumption: 7.5 l/100 km; combined CO<sub>2</sub> emissions: 172 g/km\*) is powered by a newly developed straight six-cylinder petrol engine with 275 kW/374 hp. Together, high engine performance, M-specific suspension technology and intelligent four-wheel drive provide for outstanding driving dynamics that are unparalleled in the midsize segment. The exceptional sporty character is underscored by model-specific design and equipment features. The Los Angeles Auto Show (30 November – 9 December 2018) will serve as the setting for the world premiere of the BMW M340i xDrive Sedan. The market launch will commence in the USA in July 2019, followed by Europe in July.

Acceleration, cornering dynamics, agility, precision, braking – the BMW M340i xDrive Sedan is setting new benchmarks in all areas relevant to driving dynamics. It makes consistent use in particular of the vehicle concept of the BMW 3 Series Sedan, which is oriented towards sporting driving pleasure and comprises a low centre of gravity, optimised weight, well-balanced axle load distribution as well as increased body rigidity and uprated suspension mountings. Moreover, the suspension technology and aerodynamics are precisely tuned to the new power unit's high performance characteristics. In addition, the M Sport suspension, variable sports steering, an M Sport differential, the M Sport brake system and 18-inch M light alloy wheels with mixed tyres are all standard equipment features for the BMW M340i xDrive Sedan.

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The figures for fuel consumption, CO<sub>2</sub> emissions and power consumption are calculated based on the measurement methods stipulated in the current version of Regulation (EU) 2007/715. The information is based on a vehicle with basic equipment in Germany; ranges take into account differences in wheel and tyre size selected as well as optional equipment and can change during configuration. The figures have already been calculated based on the new WLTP test cycle and adapted to NEDC for comparison purposes. In these vehicles, different figures than those published here may apply for the assessment of taxes and other vehicle-related duties which are (also) based on CO<sub>2</sub> emissions.

For further details of the official fuel consumption figures and official specific CO<sub>2</sub> emissions of new cars, please refer to the "Manual on fuel consumption, CO<sub>2</sub> emissions and power consumption of new cars", available free of charge at all sales outlets, from Deutsche Automobil Treuhand GmbH (DAT), Hellmuth-Hirth-Str. 1, 73760 Ostfildern-Schamhausen and at <https://www.dat.de/co2/>.

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### **Straight six-cylinder engine with superior power development and characteristic sound.**

The power plant developed for the BMW M340i xDrive Sedan raises the vehicle's characteristics in areas of performance, response, revving power, running smoothness and efficiency, so typical of BMW straight six-cylinder engines, to a new level. The 3-litre engine features an aluminium crankcase and an aluminium cylinder head. The turbocharging system, which was constructed according to the TwinScroll principle, has also been redeveloped. The integration of the compact steel exhaust manifold and turbocharger effectuates rapid boost pressure development. A mass moment of inertia reduced by around 25 percent enhances turbine response and a wide opening, electrically controlled waste gate contributes towards better emission values. Fuel supply is performed by means of High Precision Injection technology, the injectors of which now operate at an injection pressure increased to up to 350 bar. The current version of M TwinPower Turbo technology is complemented by fully variable valve control VALVETRONIC and variable camshaft control Double VANOS.

The drive technology, which has been extensively redeveloped and numerous details of which have been completely renewed, provides the six-cylinder with an increase in output by 35 kW/48 hp to 275 kW/374 hp vs. the most powerful engine previously used for the BMW 3 Series, as well as an increase in maximum torque by 50 Nm to 500 Nm. As a result, the car has also clearly gained in sporting prowess. The BMW M340i xDrive Sedan completes the sprint from 0 to 100 km/h in 4.4 seconds – half a second faster than the top-of-the-range model of the previous generation of the BMW 3 Series Sedan.

Power development and speed increase are accompanied by the characteristic sound of the straight six-cylinder engine, which has gained additional presence thanks to the M Sport exhaust unit. Above all in the SPORT and SPORT+ modes, which can be activated via the Driving Experience Control switch, the valve-controlled exhaust system generates a particularly distinctive sound. The sound development that accompanies the engine's dynamic power delivery is also intensively perceptible inside the BMW M340i xDrive Sedan. The dual-pipe M Sport exhaust system is fitted with two petrol particulate filters, enabling the BMW M340i xDrive Sedan to meet the requirements of the Euro 6d-TEMP

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emissions standard. Combined fuel consumption is 7.5 litres per 100 kilometre\* and CO2 emissions are 172 grams per kilometre.\*

### **Standard features: 8-speed Steptronic sports transmission and BMW xDrive with rear-wheel bias.**

The BMW M340i xDrive Sedan comes as standard with the 8-speed Steptronic sports transmission of the latest generation, which is characterised, amongst other things, by an optimised hydraulic control system and exceptionally high shifting dynamics. Short ratios for the lower gears improve acceleration and the Launch Control function can be used for accelerating with maximum dynamics from a standstill. Shift paddles on the steering wheel facilitate manual gear selection at any time.

With fully variable power distribution between the front and rear axle, the intelligent four-wheel drive technology featured by the BMW M340i xDrive Sedan ensures maximum traction, agility and vehicle stability. The rear-wheel bias of BMW xDrive supports that brand-typical driving experience and is particularly strongly effective in the driver experience control modes SPORT and SPORT+. The targeted transfer of drive force to the rear wheels enhances agility when steering into bends.

Furthermore, the BMW M340i xDrive Sedan is equipped as standard with the M Sport differential. The electronically controlled, fully variable rear-wheel locking function noticeably contributes not only towards an increase in traction, but also enhances stability and agility of the vehicle.

### **M-specific suspension technology transforms performance into dynamics.**

The construction concept used for the suspension of the new BMW 3 Series Sedan offers the ideal prerequisites for sporty handling. The components of the double-joint spring strut front axle and the five-arm rear axle, both of which have been optimised in terms of weight and stiffness, enhance cornering dynamics and steering precision, as do the larger track widths and optimum wheel camber angles. In addition to a vehicle lowering by 10mm, the standard M Sport suspension of the BMW M340i xDrive Sedan comprises M specific

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elastokinematics and the new lift-related damper control function. The Adaptive M suspension with electronically controlled dampers is also optionally available.

A further integral part of the M Sport suspension and the Adaptive M suspension is the Variable Sport Steering feature, which supports agile cornering with outstanding feedback as well as spontaneous and precise response.

Combining an extremely sporty set-up – headlined by short pedal travel and a distinct pressure point – the M Sport brake system, which also comes as standard, provides effective stopping power. The M sport brakes achieve this with a more direct ratio as well as a different hydraulic configuration including four-piston, fixed calliper brakes and 348 millimetres discs at the front and single-piston, floating calliper brakes with 345 millimetres discs at the rear. The blue-painted brake callipers bear the M logo. Standard 18-inch M light alloy wheels are combined with mixed tyres. Tyres of the format 225/45 R 18 are mounted on the front wheels, whilst size 255/40 R 18 tyres are used at the rear. 19-inch M light alloy wheels in two designs and 19-inch BMW Individual light alloy wheels, likewise fitted with mixed tyres, are also available as an option. The 19-inch M light alloy wheels come with high-performance tyres facilitating a particularly effective transfer of longitudinal and lateral forces.

### **Design and equipment features with a clear emphasis on sportiness.**

The new BMW M340i xDrive Sedan's superior performance characteristics are reflected in model-specific design and equipment features. The design of the front apron, the side sills and the rear end, optimise both the cooling air supply and aerodynamics. Unique design elements include the BMW kidney grille boasting a mesh design, the rear spoiler in body colour and trapezoidal exhaust tailpipe trims. The vehicle's exclusive look is also complemented by exterior mirror caps, air intake struts, the front surfaces of the BMW kidney grille, tailpipe trims and the model lettering all finished in Cerium Grey metallic.

Inside the car, sports seats with M-specific upholstery in a Sensatec/Alcantara trim, the anthracite BMW Individual roof liner, the M leather-clad steering wheel with shift paddles and interior trim strips in Aluminium Tetragon provide for an intensive driving pleasure oriented ambience. The digital instrument cluster bears

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the lettering “M340i”. A further exclusive design feature of the BMW M340i xDrive Sedan are the front door sills also boasting the model lettering.

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### **The BMW Group**

With its four brands BMW, MINI, Rolls-Royce and BMW Motorrad, the BMW Group is the world's leading premium manufacturer of automobiles and motorcycles and also provides premium financial and mobility services. The BMW Group production network comprises 30 production and assembly facilities in 14 countries; the company has a global sales network in more than 140 countries.

In 2017, the BMW Group sold over 2,463,500 passenger vehicles and more than 164,000 motorcycles worldwide. The profit before tax in the financial year 2017 was € 10,655 billion on revenues amounting to € 98,678 billion. As of 31 December 2017, the BMW Group had a workforce of 129,932 employees.

The success of the BMW Group has always been based on long-term thinking and responsible action. The company has therefore established ecological and social sustainability throughout the value chain, comprehensive product responsibility and a clear commitment to conserving resources as an integral part of its strategy.

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