

The new three-door BMW 1 Series. Table of contents.



Summary.	2
Sporty individualist in compact format:	
The new BMW three-door BMW 1 Series.	8
Technical specifications.	22
Performance and torque diagrams.	32
Exterior and interior dimensions.	40

Summary.



- Second body variant added to the new BMW 1 Series; Latest edition of the three-door version impressively underscores the compact model's sporting characteristics; Sporty, elegant design and attractive supplements to the drive portfolio strengthen the BMW Series' unsurpassed position within the segment characterised by the unique rear-wheel drive system and superior handling; Highlight in the model range: the BMW M135i.
- New three-door BMW 1 Series with powerful, brand-typical proportions; Unique appearance thanks to dynamically stretched side line; Wide doors with frameless windows; Side window graphics flowing seamlessly into the B pillar and strongly retracted side window graphics; powerfully contoured side panels with particularly distinctive accentuation of the rear wheel arches; Side sill line extending to the front, underscoring the dynamically stretched character of the vehicle's silhouette.
- Precise individualisation thanks to BMW Sport Line, BMW Urban Line and M Sport Package; Harmoniously matching, exclusive design and equipment features as an alternative to the basic variant; BMW M135i with model-specific exterior and interior design directly attuned to the technical requirements.
- Interior features, sporty appearance and handling profit from increased body length (+85 millimetres), wheelbase (+30 millimetres), track width (front: + 51, rear +72 millimetres) and width (+17 millimetres) in comparison to the predecessor model, with vehicle height remaining the same; Choice of two or three seats respectively at the rear, 21 millimetres more legroom at the rear, luggage compartment increased by 30 litres to 360 litres; Storage capacity of up to 1 200 litres thanks to foldable rear seat back (40 : 20 : 40 split folding optional);
- Widened choice of petrol and diesel engines featuring BMW TwinPower Turbo technology; BMW 114i as new entry-level

version with 75 kW/102 hp; Also available at market launch: BMW 116i (100 kW/136 hp), BMW 125i (160 kW/218 hp), BMW 116d (85 kW/116 hp), BMW 118d (105 kW/143 hp) and the BMW 125d (160 kW/218 hp) and the BMW 116d EfficientDynamics Edition with 85 kW/116 hp, additional fuel efficiency measures and a CO₂ emissions level of 99 g/km in the EU test cycle.

- First ever BMW M Performance automobile to feature a petrol engine: BMW M135i with a 3-litre, straight six-cylinder engine and 235 kW/320 hp as well as M-characteristic suspension components and aerodynamically optimised body features; Highest level of performance and the most outstanding efficiency within the competitive environment; Typical M-style coherence between drive, suspension technology and aerodynamic balance as well as model-specific interior design for unmistakable driving pleasure in a compact model; BMW M135i also available as a five-door version.
- Also available from November 2012: BMW 118i (125 kW/170 hp), BMW 120d (135 kW/184 hp) as well as intelligent four-wheel drive BMW xDrive featured for the first time in the BMW 1 Series on the models BMW M135i xDrive and BMW 120d xDrive; BMW xDrive simultaneously available also for the 5-door version of the BMW 1 Series.
- All engine variants come with optimised six-speed manual transmissions as standard; Unique option in the compact segment: eight-speed automatic transmission or eight-speed automatic sports transmission; Comprehensive use of BMW EfficientDynamics technology including Auto Start Stop function in conjunction with manual and automatic transmissions as well as ECO PRO mode, which can be activated in conjunction with the Driving Experience Control function offered as standard.
- Vehicle concept perfectly attuned to driving pleasure, with longitudinally mounted engines, rear-wheel drive, harmonious weight distribution and sophisticated suspension technology; Best agility in the segment

combined with optimised riding comfort; Double-joint spring-strut front axle, five-link rear axle; Exceptionally precise electromechanical power steering free from drive train influences; Variable sports steering as an option; DSC Dynamic Stability Control including DTC and Active Differential Brake (ADB-Sport) on the rear axle as standard; Torsion-resistant body structure; Comprehensive safety features.

- Optimised premium interior ambience thanks to excellent material quality and craftsmanship; Interior with driver-oriented cockpit; Control display of the optional operating system iDrive fitted as a firmly integrated onboard monitor sporting an exclusive BMW flat screen design.
- Wide range of driver assistant systems and mobility services from BMW ConnectedDrive that are unique in the compact segment: High-Beam Assistant, Adaptive Headlights, Rear View Camera, Lane Departure Warning incl. Rear Collision Warning, Parking Assistant, Cruise Control with braking function, Speed Limit Info with No Passing Indicator, Internet access, enhanced integration of smartphones and music players, Real-Time Traffic Information and Apps for personalised web radio reception and for access to Facebook and Twitter.
- Model variants:
 - BMW M135i:** Straight six-cylinder petrol engine with M Performance TwinPower Turbo technology comprising Twin Scroll turbocharger, direct fuel injection system High Precision Injection, variable valve control VALVETRONIC and Double VANOS,
Displacement: 2 979 cc, power output: 235 kW/320 hp at 5 800 rpm,
Max. torque: 450 Nm at 1 300 – 4 500 rpm,
Acceleration [0 – 100 km/h]: 5.1 seconds (automatic: 4.9 seconds)
Top speed: 250 km/h,
Average fuel consumption: 8 litres (7.5 litres)/100 km,
CO₂ emissions: 188 g/km (175 g/km), emissions standard: EU5.

BMW 125i: Straight four-cylinder petrol engine with BMW TwinPower Turbo technology comprising Twin Scroll turbocharger, direct fuel injection system High Precision Injection, variable valve control

VALVETRONIC and Double VANOS,

Displacement: 1 995 cc, power output: 160 kW/218 hp at 5 000 rpm,

Max. torque: 310 Nm at 1 350 – 4 800 rpm,

Acceleration [0 – 100 km/h]: 6.4 seconds (automatic: 6.2 seconds),

Top speed: 245 km/h (243 km/h),

Average fuel consumption: 6.6 litres (6.4 litres)/100 km,

CO₂ emissions: 154 g/km (149 g/km), emissions standard: EU5.

BMW 116i: Straight four-cylinder petrol engine with

BMW TwinPower Turbo technology comprising Twin Scroll turbocharger,

direct fuel injection system High Precision Injection, variable valve control

VALVETRONIC and Double VANOS,

Displacement: 1 598 cc, power output: 100 kW/136 hp at 4 350 rpm,

Max. torque: 220 Nm at 1 350 rpm,

Acceleration [0 – 100 km/h]: 8.5 seconds (automatic: 8.7 seconds),

Top speed: 210 km/h,

Average fuel consumption*: 5.5 – 5.7 litres (5.6 – 5.8 litres)/100 km,

CO₂ emissions*: 129 – 132 g/km (131 – 134 g/km), emissions standard:

EU5.

BMW 114i: Straight four-cylinder petrol engine with

BMW TwinPower Turbo technology comprising Twin Scroll turbocharger,

direct fuel injection system High Precision Injection, variable valve control

VALVETRONIC and Double VANOS,

Displacement: 1 598 cm³, power output: 75 kW/102 hp at 4 000 rpm,

Max. torque: 180 Nm at 1 100 rpm,

Acceleration [0 – 100 km/h]: 11.2 seconds,

Top speed: 195 km/h

Average fuel consumption*: 5.5 – 5.7 litres/100 km

CO₂ emissions*: 129 – 132 g/km, emissions standard: EU5.

BMW 125d: Straight four-cylinder diesel engine with

BMW TwinPower Turbo technology comprising multi-stage turbocharging

with variable intake geometry for the high-pressure charger, Common Rail
Direct Injection with piezo injectors (max. injection pressure: 1 800 bar),

Displacement: 1 995 cm³, power output: 160 kW/218 hp at 4 000 rpm,

Max. torque: 450 Nm between 1 500 and 2 500 rpm,

Acceleration [0 – 100 km/h]: 6.5 seconds (automatic: 6.3 seconds)

Top speed: 240 km/h

Average fuel consumption: 4.9 litres (4.8 litres)/100 km

CO₂ emissions: 129 g/km (126 g/km), emissions standard: EU5.

BMW 118d: Straight four-cylinder diesel engine with BMW TwinPower Turbo technology comprising turbocharger with variable intake geometry, Common Rail Direct injection with solenoid valve injectors (max. injection pressure: 1 600 bar),

Displacement: 1 995 cm³, power output 105 kW/143 hp at 4 000 rpm

Max. torque 320 Nm between 1 750 and 2 500 rpm

Acceleration [0 – 100 km/h]: 8.9 seconds (automatic: 8.6 seconds)

Top speed: 212 km/h

Average fuel consumption*: 4.4 – 4.5 litres (4.4 – 4.5 litres)/100 km,

CO₂ emissions*: 115 – 118 g/km (116 – 119 g/km), emissions standard: EU5.

BMW 116d: Straight four-cylinder diesel engine with BMW TwinPower Turbo technology comprising turbocharger with variable intake geometry, Common Rail Direct injection with solenoid valve injectors (max. injection pressure: 1 600 bar),

Displacement: 1 995 cm³, power output: 85 kW/116 hp at 4 000 rpm,

Max. torque: 260 Nm between 1 750 and 2 500 rpm

Acceleration [0 – 100 km/h]: 10.3 seconds

Top speed: 200 km/h

Average fuel consumption*: 4.3 – 4.5 litres (automatic:

4.4 – 4.5 litres)/100 km

CO₂ emissions*: 114 – 117 g/km (115 – 119 g/km), emissions standard: EU5.

BMW 116d EfficientDynamics Edition: Straight four-cylinder diesel engine with BMW TwinPower Turbo technology comprising turbocharger with variable intake geometry, Common Rail Direct injection with solenoid valve injectors (max. injection pressure: 1 600 bar),

Displacement: 1 598 cm³, power output: 85 kW/116 hp at 4 000 rpm

Max. torque: 260 Nm between 1 750 – 2 500 rpm

Acceleration [0 – 100 km/h]: 10.5 seconds

Top speed: 195 km/h,

Average fuel consumption: 3.8 litres/100 km

CO₂ emissions: 99 g/km, emissions standard: EU5.

* Fuel consumption and CO₂ emissions depend on the selected tyre format.

Sporty individualist in compact format: The new three-door BMW 1 Series.



The sporty and elegant design of the new three-door model, along with additional engine choices, are distinguishing features that sharpen the unmistakable profile of the BMW 1 Series as the recognised standard of sheer driving pleasure in the premium compact car segment. Powerful petrol and diesel engines with BMW TwinPower Turbo technology, the latest chassis design and rear-wheel drive, which is unique for a vehicle in this class, guarantee a sporty driving experience which is reflected in the dynamic and lean appearance of the new three-door BMW 1 Series. This sportiness is especially evident in the first BMW M Performance automobile for the compact segment: the BMW M135i is a top-ranking vehicle thanks to its straight six-cylinder petrol engine with M Performance TwinPower Turbo technology and 235 kW/320 hp, along with its typical M precision-engineered and high-performance chassis, not to mention the optimised aerodynamics of the body style and an exclusive interior design.

A new entry-level model, the BMW 114i equipped with a straight four-cylinder engine delivering 75 kW/102 hp, is also being launched. Two additional models having petrol engines and four diesel versions – including the BMW 116d EfficientDynamics Edition with 85 kW/116 hp and a CO₂ rating of 99 grams per kilometre – round off the new line of BMW 1 Series three-door models that are being introduced. The BMW M135i and the BMW 114i will also be available as 5-door models. Except for the BMW 114i and the BMW 116d EfficientDynamics Edition, all models in the BMW 1 Series can be delivered with a unique eight-speed automatic transmission as an option. Furthermore, the Auto Start/Stop function is available for both manual and automatic transmissions. The BMW EfficientDynamics technology package also includes the ECO PRO mode, which can be activated via the Driving Experience Control button that is standard on all models. The intelligent xDrive four-wheel drive technology will also be offered for the new BMW 1 Series in the future. The BMW 120d xDrive and the BMW M135i xDrive will be the first 1 Series models to have this four-wheel drive technology.

The dynamic and stretched lines of the three-door BMW 1 Series create a silhouette that is unmistakable in the compact car segment and which also gives this vehicle its own distinctive look, distinguishing it from the 5-door model. Wide doors with frameless windows, with a holistic appearance that even spans across the B pillar, along with an especially low and flat roofline, contribute to the sporty and elegant character of the vehicle. For those customers wanting a more individual and exclusive version of the BMW 1 Series, the new three-door model is offered in the BMW Sport Line and the BMW Urban Line versions with special options and equipment. What's more, an M Sport package is also available for the new BMW 1 Series three-door model.

Like the 5-door version, the new three-door BMW 1 Series offers increased agility and driving comfort compared to the previous model. The interior is also more spacious. For example, the new three-door BMW 1 Series can be configured with a choice of seating for two or three passengers in the rear compartment. The exclusive look and feel of the interior, the wide range of standard features and equipment that even includes air conditioning, along with the many optional driver assistance systems and BMW ConnectedDrive mobility services available, underscore the premium status and progressive character of the new three-door BMW 1 Series.

Design: sporty elegance as a sign of intense driving pleasure.

The new three-door BMW 1 Series is immediately recognisable as a dynamic and sporty individualist in the premium compact segment. The long bonnet, the aft-set passenger compartment, the long wheelbase and short overhangs are typical design elements that make this vehicle a genuine BMW when viewed from any angle. Yet at the same time, the new BMW 1 Series has its own young and sporty design language, giving the compact three-door model an individual personality of its very own. When viewed from the side, the flowing lines of the body exemplify the vehicle's athletic grace. This sporty and elegant appearance authentically expresses the balance of agility and comfort that is epitomised by this vehicle.

When compared with its predecessor, the new model offers more than good looks and improved performance and handling – there is even more interior space. This has been achieved by intelligently expanding the exterior

dimensions and proportions of the new model. The length of the new three-door BMW 1 Series is 4,324 millimetres (85 millimetres longer than before), with a wheelbase of 2,690 millimetres (30 millimetres longer) and an overall width of 1,765 millimetres (17 millimetres wider) – the height is still 1,421 millimetres. Thus the track width has been extended (front: + 51 millimetres, rear: +72 millimetres), and there is more rear legroom (+21 millimetres) and a luggage compartment with a volume of 360 litres (30 litres more than in the predecessor model).

Like the 5-door model, the front of the new three-door BMW 1 Series is dominated by the large BMW kidney grille, the contoured headlight units and a three-part air intake. The grille leans forward to underscore the dynamic character of the new compact model, and the three-dimensional surfaces surrounding the kidney create vibrant light effects. The upper edge of the dual round headlights is partially covered by accentuating trim, or with LED accent lighting if the vehicle is equipped with optional Bi-Xenon headlights. The front turn indicators are integrated in the inner light rings of the headlights; the side indicators are integrated in the exterior mirrors.

The characteristic attribute of the body styling of the three-door model is seen in the sporty and elegant side profile of the vehicle, which is dominated by the wide doors. The frameless door windows and the rear side windows form a consistent and holistic visual element that extends into the rear end, thus emphasising the dynamic appearance of the vehicle. This impression is further underlined by a visible curved indentation near the Hofmeister kink at the base of the C pillar. This makes the extended roofline appear extremely flat. The protruding contoured edge of the side skirt and the sweeping line along the lower door surface suggest dynamic forward motion combined with a road-hugging stance. The characteristic drive concept of the compact BMW can be seen in the bold styling of the rear wheel arches.

The wide rear quarter panels end flush with the wheels so that the powerful stature of the new three-door BMW 1 Series is distinctly highlighted when viewed from the rear. The tail lights, which are positioned far to each side, are surrounded by a three-dimensional bezel. If the vehicle is equipped with the optional Xenon headlights, the package also includes tail lights that are comprised of L-shaped LED light banks. The third brake light is integrated in the roof spoiler. The contours of both the rear apron and the front bumper are

dominated by V-shaped lines that draw the eye down toward the road surface, creating a perspective that emphasises the stable and road-hugging stance of the new three-door BMW 1 Series.

Premium interior ambience and driver-centric cockpit.

The dynamic lines and surface contours of the driver-centric cockpit are typical BMW and create a sense of forward thrust and movement – all interior elements are made of premium materials which add to the upscale flair of the new three-door BMW 1 Series. The design of the spacious interior is sporty and functional, just perfect for sheer driving pleasure. The instrument panel, centre console and door panels reflect the layering concept that dominates the look and feel of the interior. These component sections overlap to create the impression of a holistic and organic structure comprised of matching individual modules.

In conjunction with an optional navigation system and the BMW Professional radio, the new three-door BMW 1 Series is equipped with the BMW iDrive control system. In addition to the controller located on the centre console, the system features a freestanding flat-screen monitor. Depending on the model selected, a control display measuring 6.5 inches or 8.8 inches is integrated in the instrument panel.

The front seats are equipped with the standard Easy Entry function, giving passengers convenient access to the rear compartment. With large door pockets, a spacious glove compartment and two cup holders on the centre console, there is ample space for stowing travel items. An optional storage package is available that includes compartments in the rear side panels as well as net pockets on the backs of the front seats. The 360-litre luggage compartment can be expanded up to 1,200 litres by folding down the 60:40 split rear seat backrest. If the optional through-loading system is ordered, the rear backrest can be folded down in a 20:40 configuration.

Individualisation with the BMW Lines.

A selection of three non-metallic colours and eight metallic paint finishes are offered for the exterior of the new three-door BMW 1 Series. One non-metallic and five metallic colours are available for the M135i model. The standard interior features Satin Silver trim and upholstery in Move cloth design. Optional interior trims and seats upholstered in Dakota leather (offered in two different

colours) are also available. All upholstery variants are also offered for the optional sport seats. Buyers wanting to personalise the new three-door BMW 1 Series can select one of the BMW Lines packages, which include exclusive design and equipment features that intensify the sporty or progressive character of the new compact model.

The BMW Sport Line is distinguished by exterior elements finished in high-gloss black: the kidney grille slats, the strut and the bezels for the inlet vents, as well as the trim on the rear bumper. Other equipment includes 16-inch light alloy star-spoke wheels, black trim for the exhaust pipe and door sill finishers with aluminium inserts and "BMW Sport" lettering. Other additional options are mirror caps in high-gloss black and 17-inch light alloy bi-colour wheels. Among the exclusive interior design features are sport seats with selected upholstery, a sport leather steering wheel with contrasting red stitching, a sliding armrest, high-gloss black interior trim and accent trim in matt Red Coral. The look of the instrument cluster is distinguished by special chronoscales and digits. The car key is accented in red. The tone of the ambient interior lighting can be switched between orange and white, and there is additional lighting for the centre console and the footwells.

The three-door BMW 1 Series can be delivered with the BMW Urban Line package, which is easy to recognise with chrome kidney grille slats having white sides, as well as a white strut across the front centre air intake. Exclusively in conjunction with the BMW Urban Line, the bezels for the front inlet vents at each side are finished in the colour of the vehicle. Additional individualism is achieved with the white trim strip on the rear bumper, 16-inch light alloy V-spoke wheels or optional 17-inch wheels with a white, gloss-lathed finish, and door sill finishers with aluminium inserts and "BMW Urban" lettering. White exterior mirror caps are also offered as an option. The exclusive flair of the interior is highlighted with selected cloth or leather seats, a sport leather steering wheel, a sliding armrest and interior trim made of innovative acrylic glass. Other interior trim choices include white or black with accent lines in matt Oxide Silver. The BMW Urban Line package also offers mood lighting effects with ambient and welcome lights in the colour variations orange and LED Royal Blue or white and Royal Blue. Lights on the B-pillar intensify the experience. The car key features white detailing.

**BMW M135i: M-typical body styling for optimised air intake,
“sports car feeling” in the interior.**

The performance potential of the BMW M135i is reflected in its individual exterior and interior design features, which are integral parts of the series equipment in this BMW M Performance automobile. The body details are typical of a car designed to handle the aerodynamic requirements associated with dynamic, high-performance driving situations – it is such details that convey the unique M style and flair. The front apron is typical of M styling that reflects the car's firm and responsive road handling, with the large air intake vents needed to meet the cooling demands of a high-performance straight six-cylinder engine, auxiliary units and oversized brakes. The competitive character of the car can also be seen in the three-dimensional flaps on the outer air vents, a detail inspired by automobile racing. These air inlets take up the space reserved for the fog lights in the other versions of the three-door BMW 1 Series. They are separated by horizontal struts in Ferric Grey metallic – a design detail that distinguishes BMW M Performance cars.

In addition to the BMW Individual high-gloss Shadow Line and the exterior mirror caps in Ferric Grey, the specially contoured side skirts and 18-inch M light alloy double-spoke wheels with mixed tyres intensify the side profile of the BMW M135i. The rear apron, the lower portion of which is finished in Dark Shadow metallic, also encloses the dual exhaust pipes.

Furthermore, the door sill finishers with aluminium inserts that feature “M135i” lettering match an interior design that expresses the joy of sheer driving pleasure. The interior details include exclusive cloth Hexagon/Alcantara upholstery, an M leather steering wheel with multifunction buttons and blue accent stitching, the BMW Individual roofliner in Anthracite, interior trim in Aluminium Hexagon with matt Estoril Blue or high-gloss black accent lines, gear selector and handbrake with leather gaiters, M driver footrest, speedometer and rev counter with red chronoscales. The colour of the interior lighting is variable, and the car key features blue detailing.

Engines: the straight six-cylinder petrol engine with M Performance TwinPower Turbo for the BMW M135i tops the engine line.

This power plant enhances the wide selection of engines available for the new compact three-door BMW 1 Series. At the same time, it is an essential component of a portfolio that positions BMW M Performance automobiles at the top of the performance segment. The BMW M135i is powered by a straight six-cylinder engine with M Performance TwinPower Turbo technology, which is known for its spontaneous performance and high revving, plus a level of efficiency that is remarkable in this performance class.

The technology package includes a TwinScroll turbocharger, direct High Precision Injection with central multi-hole injectors, VALVETRONIC variable valve control and Double VANOS variable camshaft timing. This 3.0-litre engine delivers a maximum power output of 235 kW/320 hp at 5 800 rpm. This impressive power results from the maximum torque of 450 Nm that is available between 1 300 and 4 500 rpm.

The BMW M135i sprints from 0 to 100 km/h in just 5.1 seconds (automatic: 4.9 seconds) and reaches a top speed of 250 km/h – the top limit permitted by the vehicle's electronic speed control system. Average fuel consumption in the EU test cycle is 8.0 litres (7.5 litres)/100 km, and the CO₂ emissions level is 188 grams (175 grams) per kilometre. The exclusive power train for the compact BMW M Performance car also features a customised cooling system, M performance control and engine sound tuning, plus a newly developed six-speed manual transmission with dry sump lubrication. A dynamic eight-speed automatic sports transmission with gearshift paddles integrated in the steering wheel is available as an option.

A broad range of four-cylinder petrol engines and diesel power units.

At the time of its market launch, the new three-door BMW 1 Series will be equipped with four-cylinder petrol and diesel engines featuring BMW TwinPower Turbo technology covering the performance range from 75 kW/102 hp to 160 kW/218 hp. Similar to the six-cylinder engine of the BMW M135i, all petrol engines designed in accordance with the BMW EfficientDynamics technology package have TwinTurbo technology, direct injection, VALVETRONIC and Double VANOS. The engines respond to

every movement of the accelerator pedal and respond instantly with the high-revving power for which BMW is known.

The 2.0-litre engine of the new BMW 125i with TwinPower Turbo technology delivers a top performance of 160 kW/218 hp at 5 000 rpm. Maximum torque of 310 Nm is available between 1 350 and 4 800 rpm. The engine's spontaneous response characteristics facilitate acceleration from 0 to 100/km in 6.4 seconds (automatic: 6.2 seconds). The top speed of the new three-door BMW 125i is 245 km/h. The remarkable efficiency of the new engine is reflected in an average fuel consumption of 6.6 litres/100 km and a CO₂ emissions level of 154 grams per kilometre in the EU test cycle.

A 1.6-litre version of the new petrol engine generation is offered for the BMW 116i and BMW 114i. To ensure low consumption and emissions without making compromises in terms of sporty performance, this lightweight engine is equipped with an aluminium crankcase and cylinder head, as well as BMW TwinPower Turbo technology. The four-cylinder engine in the new BMW 116i three-door delivers a maximum performance of 100 kW/136 hp at 4 350 rpm. Maximum torque of 220 Nm is reached at 1 350 rpm. Acceleration from 0 to 100 km/h is achieved in just 8.5 seconds (automatic: 8.7 seconds), and the new three-door BMW 116i reaches a top speed of 210 km/h. Performance and efficiency have been considerably improved when compared with the predecessor model. Average fuel consumption is 5.5 to 5.7 litres per 100 kilometres, the CO₂ rating is 129 to 132 grams per kilometre (values per EU test cycle, dependent on selected tyre format).

The BMW three-door 114i is being launched as the entry-level model in the series. The 1.6-litre engine in this model delivers a peak performance of 75 kW/102 hp at 4 000 rpm as well as 180 Nm of torque reached at 1 100 rpm. Acceleration from 0 to 100 km/h is achieved in just 11.2 seconds, and the new three-door BMW 114i reaches a top speed of 195 km/h. Average fuel consumption is 5.5 to 5.7 litres per 100 kilometres, the CO₂ rating is 129 to 132 grams per kilometre (values per EU test cycle, dependent on selected tyre format).

Setting standards for efficiency and power: four-cylinder diesel engines in the BMW 1 Series.

Thanks to a number of optimised technical details and proven BMW TwinPower Turbo technology, the four-cylinder diesel engines offered for the new three-door BMW 1 Series continue to hold the top market position when it comes to power and efficiency. Intelligent further development of the basic engine with an aluminium crankcase, turbocharging and Common Rail direct injection are among the features that will continue the success story of the BMW 118d: the predecessor model was named “World Green Car of the Year” – and the new version is sure to continue in this tradition.

The most sporty diesel model in the new BMW 1 Series heads for the starting line with even more driving pleasure than its predecessor, combined with remarkably low fuel consumption. And this combination is unique in the compact market segment. The three-door BMW 125d is powered by a 2.0-litre engine with BMW TwinPower Turbo technology that features two-stage turbocharging with variable turbine geometry for the high-pressure turbo unit. The Common Rail direct injection is based on piezo injectors with a maximum pressure of 2 000 bar. This results in even more responsiveness and 10 kW more power than the predecessor model: the new BMW 125d delivers 160 kW/218 hp at 4 000 rpm. Maximum torque of 450 Nm (an increase of 50 Nm) is available between 1 500 and 2 500 rpm. Acceleration from 0 to 100 km/h is achieved in just 6.5 seconds (automatic: 6.3 seconds), and the new three-door BMW 125d reaches a top speed of 240 km/h. Along with improved power, the fuel consumption of the engine is some 4% lower than before – just 4.9 litres (4.8 litres)/100 km, with a CO₂ emissions level of 129 grams (126 grams) per kilometre in the EU test cycle.

The 2.0-litre diesel engines in the three-door BMW 118d and the three-door BMW 116d also feature variable turbine geometry along with Common Rail direct fuel injection based on solenoid valve injectors with a maximum pressure of 1 600 bar. The engine of the three-door BMW 118d delivers a top performance of 105 kW/143 hp at 4 000 rpm as well as 320 Nm of maximum torque between 1,750 and 2 500 rpm. The engine accelerates the vehicle from 0 to 100 km/h in 8.9 seconds (automatic: 8.6 seconds), top speed is 212 km/h. Average fuel consumption is 4.4 to 4.5 litres per 100 kilometres,

the CO₂ rating is 115 to 118 grams per kilometre (values per EU test cycle, dependent on selected tyre format).

With 85 kW/116 hp at 4 000 rpm and a maximum torque of 260 Nm achieved between 1 750 and 2 500 rpm, the new three-door BMW 116d, whether equipped with manual transmission or an automatic gearbox, accelerates from 0 to 100 km/h in 10.3 seconds and attains a maximum speed of 200 km/h. Average fuel consumption is 4.3 to 4.5 litres (automatic: 4.4 – 4.5 litres) per 100 kilometres, the CO₂ rating is 114 to 117 grams (115 – 119 grams) per kilometre (values per EU test cycle, dependent on selected tyre format).

In addition to powerful and efficient engines, other new technology has been developed for the new BMW 1 Series – for example, the standard six-speed manual transmission and the optional eight-speed automatic transmission, which is the only one of its kind in the compact car segment. Moreover, a broad range of BMW EfficientDynamics technologies significantly contribute toward reducing fuel consumption and exhaust emissions. The package includes Brake Energy Regeneration, the Auto Start/Stop function, which can also be used in conjunction with the automatic transmission, ECO PRO mode, which is activated via the standard Driving Experience Control button and promotes a relaxed and fuel-saving driving style. Depending on the model, other innovations include a shift indicator, electrical power steering, automatic air flap control, optimised rear differential and suspension, a map-controlled oil pump, a pressure-driven or rpm-driven fuel pump, a disengageable air-conditioning compressor and tyres with reduced rolling resistance.

A maximum reduction in fuel consumption is achieved through the functions found in the three-door BMW 116d EfficientDynamics Edition. The vehicle is powered by a 1.6-litre, four-cylinder diesel engine and is equipped with additional technological features for reducing fuel consumption and emissions – with optimised power train efficiency, aerodynamics and rolling resistance. With 85 kW/116 hp and a maximum torque of 260 Nm, the three-door BMW 116d EfficientDynamics accelerates from 0 to 100 km/h in 10.5 seconds and attains a maximum speed of 195 km/h. Average fuel consumption is 3.8 litres per 100 kilometres, the CO₂ rating is 99 grams per kilometre (values per EU test cycle), thus positioning the vehicle at the top of the BMW line in terms of efficiency.

Advanced suspension technology for an optimum balance of agility and ride comfort.

Advanced suspension technology, which includes a double-joint spring-strut front axle with stabilisers and a five-arm rear axle, in conjunction with the precise electromechanical power steering and the significantly wider track in comparison to the previous model, ensures sporty agility and excellent ride comfort in exactly the right proportions. The high proportion of aluminium used in the manufacture of the front axle ensures an effective reduction in the unsprung masses. The weight of the vehicle is almost perfectly balanced between the two axles; this 50: 50 ratio emphasises the inherent dynamic benefits of a rear-wheel drive vehicle, translating them into an exquisitely agile driving experience.

Servotronic, the speed-dependent steering support system, and Variable Sports Steering (standard on the BMW M135i) are available as options. The Sports Steering reduces the degree of steering movement required to turn the front wheels by means of a variable rack and pinion setup. Parking and turning manoeuvres can thus be carried out safely and comfortably with a minimum of steering effort. However at higher speeds, the legendary BMW steering precision and line-holding characteristics on straight roads are of course guaranteed. Also available in the range of special equipment is an Adaptive Suspension System with electronically controlled dampers and an M Sports Suspension; both of these involve lowering the vehicle by ten millimetres.

The BMW M135i: maximum agility combined with unparalleled precision thanks to M-specific suspension tuning.

Model-specific suspension technology allows the BMW M135i to exploit the performance of its uncommonly powerful engine, allowing the driver to experience remarkably self-assured, exhilarating driving dynamics. Thanks to the individual control of the suspension and damping systems as well as the specific elasto-kinematics of the front axle, the BMW M Performance vehicle is able to indulge the driver with a set of particularly sporty driving characteristics. In addition, its Variable Sports Steering system determines its own set of characteristics. The harmonious interaction of engine, suspension and aerodynamic balance rewards with a fascinatingly agile driving experience, under the precise control of the driver at all times.

The BMW M Performance vehicle is delivered with a fixed calliper M Sport Brake System with four-piston units on the front axle and two-piston units at the rear as standard equipment. The system is fitted with oversized brake discs and dark blue metallic callipers bearing the M logo. The M Sport Brake System is also available on all of the other models in the new BMW 1 Series three-door sedan range, in combination with the optional M Sport Package.

The standard 18-inch M light alloy wheels on the BMW M 135i are fitted with tyres of differing sizes: 225/40 R18 on the front axle and 245/35 R18 on the back. The high grip tyres, designed specifically for this model, guarantee that both the acceleration torque and the braking torque are optimally transmitted to the road surface. The BMW 125i and the BMW 125d are equipped with 17-inch light alloy wheels, all other models are fitted with 16-inch wheels. Alternatively, a wide range of optional light alloy wheels is available in diameters of 16, 17 and 18 inches.

**DSC Driving Stability Control with additional features,
optimised weight and comprehensive passenger protection.**

The standard Dynamic Stability Control system DSC includes the anti-lock braking system (ABS), the Dynamic Traction Control system (DTC), the Cornering Brake Control system (CBC) and the Dynamic Brake Control system (DBC). These capabilities are now complemented by additional features such as the Brake Assistant, Fading Compensation, Dry Braking functionality and a Hill Start Assistant.

In DTC mode, the response thresholds of the driving stability control system are automatically set at a higher level. This makes pulling away on loose sand or in deep snow far easier. In addition, controlled slippage on the drive wheels gives the vehicle the ability to dynamically oversteer when negotiating bends. When DSC mode is off, the Active Differential Brake (ADB-Sport) on the rear axle is activated. To optimise traction during acceleration in tight bends, a carefully calculated braking force is applied to any drive wheel which the system detects as slipping, to enable the remaining drive wheel on the axle to continue to power the vehicle forwards.

The principle of intelligent lightweight design, upon which the construction of the body is based, greatly enhances both the agility of the vehicle and the safety of its passengers. The targeted use of high-strength and ultra-high tensile grades of steel increases the torsional stiffness of the body, as well as the strength of the passenger safety cell, at an optimised weight. With large, generously dimensioned deformation zones and precisely calculated load paths, the considerable forces which are generated in a collision are absorbed and directed away from the passenger compartment. Standard safety equipment includes front airbags, side airbags integrated into the seat backs, head airbags for both the front and the rear seats, three-point automatic seatbelts fitted to all seats, belt force limiters and belt tensioners for the front, and ISOFIX child seat mountings in the rear.

Standard equipment: Driving Experience Control with ECO PRO mode.

The standard Driving Experience Control button located on the centre console allows the driver to select an individual level of tuning for the vehicle. In addition to the engine characteristics and the Driving Stability Control system DSC, the characteristics of the optional Servotronic system and the shift program as well as the shift dynamics of the optional automatic transmission can also be finely tuned. Complementing the COMFORT and SPORT modes, the ECO PRO mode is also available as standard. The SPORT + mode is also available, in conjunction with the eight-speed automatic sports transmission, the Variable Sports Steering or the BMW Sport Line. In vehicles equipped with the Professional navigation system, the sport indicators on the control display keep the driver abreast of current engine performance and torque levels.

BMW ConnectedDrive: the world at your fingertips, from Parking Assistant to Twitter.

In the compact segment, the selection of optional driver assistance systems and mobility services provided by BMW ConnectedDrive for the new BMW 1 Series three-door models is unmatched. Intelligent networking, which effectively links the driver, the vehicle and the outside world, optimises the level of comfort, safety and enhances the vehicle's infotainment capabilities. The range of systems available includes the High-Beam Assistant, Adaptive Headlights, the Parking Assistant, a rear-view camera, Lane

Departure Warning including Collision Warning, cruise control with brake activation and Speed Limit Info with No Passing Indicator.

BMW's innovative technologies have seamlessly integrated Apple's iPhone into the vehicle's systems along with a number of other smartphones and music players; access to Internet-based services is available to all devices. Unrestricted Internet access is at the disposal of the BMW driver and his passengers via the vehicle's optional embedded onboard SIM card. With the Apps option, anyone with an iPhone can access Web radio stations and view Facebook and Twitter posts on the on-board monitor. Real-Time Traffic Information, another new feature, provides the driver with refreshingly accurate traffic information and rerouting recommendations.

High-quality range of standard equipment including air conditioning and keyless engine start.

As an exceptionally sporty example of a compact premium vehicle, the BMW 1 Series three-door car sets new standards in pioneering technology, driving pleasure, quality and spirited, expressive design. The calibre of this first-class vehicle is reflected in the generous range of standard equipment and the extensive selection of attractive options available. The new three-door BMW 1 Series comes equipped with remote central locking, adjustable seat heights for both the driver and the passenger, electrically adjustable wing mirrors, electric windows, the BMW Business radio, which includes a CD player, six speakers, an AUX port, and of course air conditioning. A climate control unit providing 2-zone control, electrically adjustable and heated seats, a multifunctional steering wheel, auto-dimming wing mirrors and rear-view mirror, fog lights, an electrically operated glass sunroof and a detachable tow bar are available as options. As long as the wireless key is in the vehicle, the engine of the new BMW 1 Series can be activated at the touch of the start/stop button. The optional Comfort Access system automatically locks and unlocks the vehicle.

The navigation system Business and the navigation system Professional both have an internal memory. The navigation data stored in this memory can be updated via a USB interface using an update function. In addition, the hard disc storage of the navigation system Professional offers a storage capacity of

12 GB for the personal music collection. A DVD changing system, a digital audio broadcasting (DAB) receiver and a Harman Kardon hi-fi system consisting of a 360 Watt digital amplifier and 12 speakers ensure that entertainment to suit every taste is always available.

Technical specifications.

BMW 114i.

BMW 116i.



		BMW 114i	BMW 116i
Body			
Number of doors/seats		3 / 4 (5)	3 / 4 (5)
Length/Width/Height (unladen)	mm	4324 / 1765 / 1421	4324 / 1765 / 1421
Wheelbase	mm	2690	2690
Track front/rear	mm	1535 / 1569	1535 / 1569
Ground clearance	mm	140	140
Turning circle	m	10.9	10.9
Tank capacity	approx. l	52	52
Cooling system incl. heating	l	6.7	6.7 (7.2)
Engine oil ¹⁾	l	4.7	4.7
Weight, unladen, to DIN/EU	kg	1285 / 1360	1285 / 1360 (1305 / 1380)
Max. load to DIN	kg	530	530
Max. perm. weight, overall	kg	1815	1815 (1835)
Max perm axle load front/rear	kg	865 / 1040	865 / 1040
Max perm trailer load (12%) braked/unbraked	kg	1200 / 650	1200 / 650
Perm roof load/trail download	kg	75 / 75	75 / 75
Luggage capacity	L	360 – 1200	360 – 1200
Air resistance	c _x x A	0.31 x 2.14	0.31 x 2.14
Engine			
Configuration/No. of cyls. /valves		R / 4 / 4	R / 4 / 4
Engine technology		BMW TwinPower Turbo technology with Twin Scroll turbocharger, direct injection system High Precision Injection, fully variable valve control (VALVETRONIC) and double VANOS variable camshaft timing	
Capacity	cc	1598	1598
Stroke/bore	mm	85.8 / 77.0	85.8 / 77.0
Compression ratio	:1	10.5	10.5
Fuel grade		At least ROZ 91	At least ROZ 91
Max output	kW/hp	75 / 102	100 / 136
at	rpm	4000	4350
Max torque	Nm	180	220
at	rpm	1100	135
Electrical system			
Battery/installation	Ah/–	80 / luggage comp	80 / luggage comp
Alternator	AW	170 / 2380	170 / 2380
Driving dynamics and safety			
Suspension, front		Double-joint spring-strut axle at the front, aluminium	
Suspension, rear		Five-link rear axle, light steel, with double elastic bearings	
Brakes, front		Single-piston floating-calliper disc brakes	
Diameter	mm	⁴⁾ / vented	⁴⁾ / vented
Brakes, rear		Single-piston floating-calliper disc brakes	
Diameter	mm	⁴⁾	⁴⁾
Driving stability systems		Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant	
Safety features		Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for front and rear seats, three-point inertia-reel seatbelts on all seats with belt latch tensioner and belt force limiter integrated in the front seats, crash sensors, Tyre Defect Indicator	
Steering		Electric Power Steering (EPS), optional: Servotronic, variable sports steering	
Overall steering transmission	:1	15.0	15.0
Tyres front/rear		195/55 R16 87H	195/55 R16 87V
Wheels front/rear		6.5J x 16 steel	6.5J x 16 steel

		BMW 114i	BMW 116i	
BMW ConnectedDrive				
Comfort	Optional: BMW Assist incl. Enquiry Service, remote-control functions and V-Info+ (Traffic Info plus), Real-Time Traffic Information, BMW TeleServices, integration of mobile devices			
Infotainment	Optional: Internet access, BMW Online incl. Park Info, National Info, Google Local Search, News, Real-Time Weather, BMW Routes, Office functions, Bluetooth Audio Streaming, Online Update Music Tracks, Apps			
Safety	Optional: Adaptive Headlights with cornering lights, variable light distribution and adaptive headlight range control, High Beam Assistant, Park Distance Control, rear-view camera, Active Cruise Control with braking function, Parking Assistant, Lane Departure Warning with rear-end collision warning, Speed Limit Info incl. No Passing Info, Automatic/Advanced Emergency Call			
Transmission				
Type	Six-speed manual (BMW 116i: optional: eight-speed automatic with Steptronic)			
Gear ratios	I	:1	4.552	4.552 (4.714)
	II	:1	2.548	2.548 (3.143)
	III	:1	1.659	1.659 (2.106)
	IV	:1	1.230	1.230 (1.667)
	V	:1	1.000	1.000 (1.285)
	VI	:1	0.830	0.830 (1.000)
	VII	:1	–	– (0.839)
	VIII	:1	–	– (0.667)
	R	:1	4.138	4.138 (3.295)
Final drive		:1	2.813	2.813 (3.077)
Performance				
Power-to-weight ratio	kg/kW		17.1	12.9 (13.1)
Output per litre	kW/l		46.9	62.6
Acceleration	0–100 km/h	s	11.2	8.5 (8.7)
	0–1000 m	s	32.7	29.8 (30.1)
In 4th gear	80–120 km/h	s	11.7 / 14.8	8.6 / 10.6
Top speed	km/h		195	210 (210)
BMW EfficientDynamics				
BMW EfficientDynamics measures as standard	Brake Energy Regeneration, Electric Power Steering (EPS), Auto Start Stop function, gear shift indicator (manual transmission), ECO PRO mode, intelligent lightweight construction, on-demand operation of ancillary units, air flap control, map-controlled oil pump, final drive with optimised warm-up behaviour, tyres with reduced rolling resistance			
Fuel consumption EU³⁾				
With standard wheels and tyres				
Urban	l/100 km		7.1	7.1 (7.2)
Extra-urban	l/100 km		4.6	4.6 (4.7)
Composite	l/100 km		5.5	5.5 (5.6)
CO ₂	g/km		129	129 (131)
With 7J x 16 wheels and 205/55 R16 tyres, with 7J x 17 wheels and 205/50 R 17 tyres and with winter tyres, With 7.5J x 17 wheels and 225/45 R17 tyres, With 7.5J x 17 wheels at front, 8J x 17 at the rear and 225/45 R17 tyres at front, 245/40 R17 at the rear, With 7.5J x 18 wheels at front, 8J x 18 at the rear and 225/40 R18 tyres at front, 245/35 R18 at the rear				
Urban	l/100 km		7.2	7.2 (7.4)
Extra-urban	l/100 km		4.8	4.8 (4.8)
Composite	l/100 km		5.7	5.7 (5.8)
CO ₂	g/km		132	132 (134)
Emissions classification			EU5	EU5
Insurance category				
KH / VK / TK			⁴⁾	⁴⁾

Technical data valid for ACEA markets/part of data relevant to homologation only apply to Germany (weights)
Figures in parentheses apply to automatic transmission

¹⁾ Height including roof fin: 1440 mm

²⁾ Oil change quantity

³⁾ Fuel consumption and CO₂ emissions depend on the selected tyre format

⁴⁾ Information not yet available

BMW 125i.

		BMW 125i
Body		
Number of doors/seats		3 / 4 (5)
Length/Width/Height (unladen)	mm	4324 / 1765 / 1421
Wheelbase	mm	2690
Track front/rear	mm	1521 / 1556
Ground clearance	mm	140
Turning circle	m	10.9
Tank capacity	approx. l	52
Cooling system incl. heating	l	6.9 (7.6)
Engine oil ¹⁾	l	5,75
Weight, unladen, to DIN/EU	kg	1340 / 1415 (1360 / 1435)
Max. load to DIN	kg	530
Max. perm. weight, overall	kg	1870 (1890)
Max perm axle load front/rear	kg	885 (895) / 1070
Max perm trailer load (12%) braked/unbraked	kg	1200 / 680
Perm roof load/trail download	kg	75 / 75
Luggage capacity	L	360 – 1200
Air resistance	c _x x A	0.32 x 2.14
Engine		
Configuration/No. of cyls. /valves		R / 4 / 4
Engine technology		BMW TwinPower Turbo technology with Twin Scroll turbocharger, direct injection system High Precision Injection, fully variable valve control (VALVETRONIC) and double VANOS variable camshaft timing
Capacity	cc	1997
Stroke/bore	mm	90.1 / 84.0
Compression ratio	:1	10.0
Fuel grade		At least ROZ 91
Max output	kW/hp	160 / 218
at	rpm	5000
Max torque	Nm	310
at	rpm	1350 – 4800
Electrical system		
Battery/installation	Ah/–	80 / luggage comp
Alternator	AW	170 / 2380
Driving dynamics and safety		
Suspension, front		Double-joint spring-strut axle at the front, aluminium
Suspension, rear		Five-link rear axle, light steel, with double elastic bearings
Brakes, front		Single-piston floating-calliper disc brakes
Diameter	mm	³⁾ / vented
Brakes, rear		Single-piston floating-calliper disc brakes
Diameter	mm	³⁾ / vented
Driving stability systems		Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant
Safety features		Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for front and rear seats, three-point inertia-reel seatbelts on all seats with belt latch tensioner and belt force limiter integrated in the front seats, crash sensors, Tyre Defect Indicator
Steering		Electric Power Steering (EPS), optional: Servotronic, variable sports steering
Overall steering transmission	:1	15.0
Tyres front/rear		205/50 R17 89W
Wheels front/rear		7J x 17 LM

BMW ConnectedDrive

Comfort	Optional: BMW Assist incl. Enquiry Service, remote-control functions and V-Info+ (Traffic Info plus), Real-Time Traffic Information, BMW TeleServices, integration of mobile devices
Infotainment	Optional: Internet access, BMW Online incl. Park Info, National Info, Google Local Search, News, Real-Time Weather, BMW Routes, Office functions, Bluetooth Audio Streaming, Online Update Music Tracks, Apps
Safety	Optional: Adaptive Headlights with cornering lights, variable light distribution and adaptive headlight range control, High Beam Assistant, Park Distance Control, rear-view camera, Active Cruise Control with braking function, Parking Assistant, Lane Departure Warning with rear-end collision warning, Speed Limit Info incl. No Passing Info, Automatic/Advanced Emergency Call

Transmission

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

Performance

Power-to-weight ratio	kg/kW	8.4 (8.5)	
Output per litre	kW/l	80.2	
Acceleration	0–100 km/h	s	6.4 (6.2)
	0–1000 m	s	26.0 (26.5)
In 4th gear	80–120 km/h	s	5.9 / 7.5
Top speed	km/h	245 (243)	

BMW EfficientDynamics

BMW EfficientDynamics measures as standard	Brake Energy Regeneration, Electric Power Steering (EPS), Auto Start Stop function, gear shift indicator (manual transmission), ECO PRO mode, intelligent lightweight construction, on-demand operation of ancillary units, air flap control, map-controlled oil pump, final drive with optimised warm-up behaviour, tyres with reduced rolling resistance
--	--

Fuel consumption EU

Urban	l/100 km	8.6 (8.3)
Extra-urban	l/100 km	5.4 (5.2)
Composite	l/100 km	6.6 (6.4)
CO ₂	g/km	154 (149)
Emission classification		EU5

Insurance category

KH / VK / TK	3)	3)
--------------	----	----

Technical data valid for ACEA markets/part of data relevant to homologation only apply to Germany (weights)
Figures in parentheses apply to automatic transmission

¹⁾ Height including roof fin: 1440 mm

²⁾ Oil change quantity

³⁾ Information not yet available

BMW M135i.

		BMW M135i
Body		
Number of doors/seats		3 / 4 (5)
Length/Width/Height (unladen)	mm	4340 / 1765 / 1411
Wheelbase	mm	2690
Track front/rear	mm	1512 / 1532
Ground clearance	mm	130
Turning circle	m	10.9
Tank capacity	approx. l	52
Cooling system incl. heating	l	6.7 (7.2)
Engine oil ¹⁾	l	6.5
Weight, unladen, to DIN/EU	kg	1425 / 1500 (1440 / 1515)
Max. load to DIN	kg	530
Max. perm. weight, overall	kg	1955 (1970)
Max perm axle load front/rear	kg	950 (960) / 1110
Max perm trailer load (12%) braked/unbraked	kg	- / -
Perm roof load/trail download	kg	75 / -
Luggage capacity	L	360 – 1200
Air resistance	c _x x A	0.33 x 2.14
Engine		
Configuration/No. of cyls. /valves		R / 6 / 4
Engine technology		BMW TwinPower Turbo technology with Twin Scroll turbocharger, direct injection system High Precision Injection, fully variable valve control (VALVETRONIC) and double VANOS variable camshaft timing
Capacity	cc	2979
Stroke/bore	mm	89.6 / 84.0
Compression ratio	:1	10.2
Fuel grade		At least ROZ 91
Max output	kW/hp	235 / 320
at	rpm	5800
Max torque (with overboost)	Nm	450
at	rpm	1300 – 4500
Electrical system		
Battery/installation	Ah/-	80 / luggage comp
Alternator	AW	210 / 2940
Driving dynamics and safety		
Suspension, front		Double-joint spring-strut axle, aluminium with M-specific geometry
Suspension, rear		Five-link rear axle, light steel, with double elastic bearings
Brakes, front		Four-piston aluminium floating-calliper
Diameter	mm	³⁾ / vented
Brakes, rear		Two-piston aluminium floating-calliper
Diameter	mm	³⁾ / vented
Driving stability systems		Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant
Safety features		Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for front and rear seats, three-point inertia-reel seatbelts on all seats with belt latch tensioner and belt force limiter integrated in the front seats, crash sensors, Tyre
Steering		Electric Power Steering (EPS), variable sports steering
Overall steering transmission	:1	15.0
Tyres front/rear		225/40 R18 88Y/ 245/35 R18 88Y
Wheels front/rear		7.5J x 18 LM/ 8J x 18 LM

BMW ConnectedDrive

Comfort	Optional: BMW Assist incl. Enquiry Service, remote-control functions and V-Info+ (Traffic Info plus), Real-Time Traffic Information, BMW TeleServices, integration of mobile devices
Infotainment	Optional: Internet access, BMW Online incl. Park Info, National Info, Google Local Search, News, Real-Time Weather, BMW Routes, Office functions, Bluetooth Audio Streaming, Online Update Music Tracks, Apps
Safety	Optional: Adaptive Headlights with cornering lights, variable light distribution and adaptive headlight range control, High Beam Assistant, Park Distance Control, rear-view camera, Active Cruise Control with braking function, Parking Assistant, Lane Departure Warning with rear-end collision warning, Speed Limit Info incl. No Passing Info, Automatic/Advanced Emergency Call

Transmission

Type	Six-speed manual (optional: eight-speed automatic with Steptronic)	
Gear ratios	I	4.110 (4.714)
	II :1	2.315 (3.143)
	III :1	1.542 (2.106)
	IV :1	1.179 (1.667)
	V :1	1.000 (1.285)
	VI :1	0.846 (1.000)
	VII :1	– (0.839)
	VIII :1	– (0.667)
	R	3.727 (3.295)
Final drive	:1	3.077 (3.077)

Performance

Power-to-weight ratio	kg/kW	6.1 (6.1)
Output per litre	kW/l	78.9
Acceleration	0–100 km/h	s
	0–1000 m	s
In 4th gear	80–120 km/h	s
Top speed	km/h	250 (250)

BMW EfficientDynamics

BMW EfficientDynamics measures as standard	Brake Energy Regeneration, Electric Power Steering (EPS), Auto Start Stop function, gear shift indicator (manual transmission), ECO PRO mode, intelligent lightweight construction, on-demand operation of ancillary units, air flap control, map-controlled oil pump, final drive with optimised warm-up behaviour, tyres with reduced rolling resistance
--	--

Fuel consumption EU

Urban	l/100 km	11.2 (10.3)
Extra-urban	l/100 km	6.2 (5.8)
Composite	l/100 km	8.0 (7.5)
CO ₂	g/km	188 (175)
Emissions classification		EU5

Insurance category

KH / VK / TK	3)	3)
--------------	----	----

Technical data valid for ACEA markets/part of data relevant to homologation only apply to Germany (weights)
Figures in parentheses apply to automatic transmission

¹⁾ Height including roof fin: 1440 mm

²⁾ Oil change quantity

³⁾ Information not yet available

BMW 116d. BMW 118d. BMW 125d.

		BMW 116d	BMW 118d	BMW 125d
Body				
Number of doors/seats		3 / 4 (5)	3 / 4 (5)	3 / 4 (5)
Length/Width/Height (unladen)	mm	4324 / 1765 / 1421	4324 / 1765 / 1421	4324 / 1765 / 1421
Wheelbase	mm	2690	2690	2690
Track front/rear	mm	1535 / 1569	1535 / 1569	1521 / 1556
Ground clearance	mm	140	140	140
Turning circle	m	10.9	10.9	10.9
Tank capacity	approx. l	52	52	52
Cooling system incl. heating	l	7.0	7.0	7.0
Engine oil ¹⁾	l	5.2	5.2	5.2
Weight, unladen, to DIN/EU	kg	1305 / 1380 (1340 / 1415)	1315 / 1390 (1340 / 1415)	1385 / 1460 (1400 / 1475)
Max. load to DIN	kg	530	530	530
Max. perm. weight, overall	kg	1835 (1870)	1845 (1870)	1915 (1930)
Max perm axle load front/rear	kg	885 / 1055	885 / 1055	890 / 1085
Max perm trailer load (12%) braked/unbraked	kg	1200 / 690	1200 / 690	1200 / 740
Perm roof load/trail download	kg	75 / 75	75 / 75	75 / 75
Luggage capacity	l	360 – 1200	360 – 1200	360 – 1200
Air resistance	c _x x A	0.30 x 2.14	0.30 x 2.14	0.31 x 2.14
Engine				
Configuration/No. of cyls./valves		R / 4 / 4	R / 4 / 4	R / 4 / 4
Engine technology		BMW TwinPower Turbo technology: turbocharger with variable intake geometry, Common Rail direct injection with solenoid injectors, max. injection pressure: 1600 bar	BMW TwinPower Turbo technology: turbocharger with variable intake geometry, Common Rail direct injection with solenoid injectors, max. injection pressure: 1600 bar	BMW TwinPower Turbo technology: multi-stage turbocharging with two turbochargers, Common Rail direct injection with piezo injectors, max. injection pressure: 2000 bar
Capacity	cc	1995	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	85 / 116	105 / 143	160 / 218
at	rpm	4000	4000	4000
Max torque	Nm	260	320	450
at	rpm	1750 – 2500	1750 – 2500	1500 – 2500
Electrical system				
Battery/installation	Ah/–	80 / luggage comp	80 / luggage comp	80 / luggage comp
Alternator	A/W	180 / 2520	180 / 2520	180 / 2520
Driving dynamics and safety				
Suspension, front		Double-joint spring-strut axle, aluminium		
Suspension, rear		Five-link rear axle, light steel, with double elastic bearings		
Brakes, front		One-piston floating-calliper		
Diameter	mm	⁴⁾ / vented	⁴⁾ / vented	⁴⁾ / vented
Brakes, rear		One-piston floating-calliper		
Diameter	mm	⁴⁾	⁴⁾	⁴⁾ / vented
Driving stability systems		Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant		
Safety features		Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for front and rear seats, three-point inertia-reel seatbelts on all seats with belt latch tensioner and belt force limiter integrated in the front seats, crash sensors,		
Steering		Electric Power Steering (EPS), optional: Servotronic, variable sports steering		
Overall steering transmission	:1	15.0	15.0	15.0
Tyres front/rear		195/55 R16 87H	195/55 R16 87V	205/50 R17 89W
Wheels front/rear		6.5J x 16 steel	6.5J x 16 steel	7J x 17 LA

			BMW 116d	BMW 118d	BMW 125d
BMW ConnectedDrive					
Comfort	Optional: BMW Assist incl. Enquiry Service, remote-control functions and V-Info+ (Traffic Info plus), Real-Time Traffic Information, BMW TeleServices,				
Infotainment	Optional: Internet access, BMW Online incl. Park Info, National Info, Google Local Search, News, Real-Time Weather, BMW Routes, Office functions, Bluetooth Audio Streaming, Online Update Music Tracks, Apps				
Safety	Optional: Adaptive Headlights with cornering lights, variable light distribution and adaptive headlight range control, High Beam Assistant, Park Distance Control, rear-view camera, Active Cruise Control with braking function, Parking Assistant, Lane Departure Warning with rear-end collision warning, Speed Limit Info incl. No Passing Info, Automatic/Advanced Emergency Call				
Transmission					
Type	Six-speed manual (optional: eight-speed automatic with Steptronic)				
Gear ratios	I		4.002 (4.714)	4.002 (4.714)	4.110 (4.714)
	II	:1	2.109 (3.143)	2.109 (3.143)	2.248 (3.143)
	III	:1	1.380 (2.106)	1.380 (2.106)	1.403 (2.106)
	IV	:1	1.000 (1.667)	1.000 (1.667)	1.000 (1.667)
	V	:1	0.781 (1.285)	0.781 (1.285)	0.802 (1.285)
	VI	:1	0.645 (1.000)	0.645 (1.000)	0.659 (1.000)
	VII	:1	– (0.839)	– (0.839)	– (0.839)
	VIII	:1	– (0.667)	– (0.667)	– (0.667)
	R	:1	3.647 (3.295)	3.647 (3.295)	3.727 (3.295)
Final drive		:1	3.077 (2.647)	3.077 (2.647)	3.385 (2.647)
Performance					
Power-to-weight ratio		kg/kW	15.4 (15.8)	12.5 (12.8)	8.7 (8.8)
Output per litre		kW/l	42.6	52.6	80.2
Acceleration	0–100 km/h	s	10.3 (10.3)	8.9 (8.6)	6.5 (6.3)
	0–1000 m	s	31.6 (31.8)	29.7 (29.6)	26.2 (26.3)
In 4th gear	80–120 km/h	s	8.6 / 11.7	7.2 / 9.3	5.0 / 6.5
Top speed		km/h	200 (200)	212 (212)	240 (240)
BMW EfficientDynamics					
BMW EfficientDynamics measures as standard	Brake Energy Regeneration, Electric Power Steering (EPS), Auto Start Stop function, gear shift indicator (manual transmission), ECO PRO mode, intelligent lightweight construction, on-demand operation of ancillary units, air flap control, map-controlled oil pump, disengageable air-conditioning compressor (BMW 116d), final drive with optimised warm-up behaviour, tyres with reduced rolling resistance				
Fuel consumption EU^{2,3)}					
With standard wheels and tyres					
Urban		l/100 km	5.3 (5.3)	5.4 (5.3)	6.0 (5.7)
Extra-urban		l/100 km	3.8 (3.8)	3.8 (3.9)	4.3 (4.2)
Composite		l/100 km	4.3 (4.4)	4.4 (4.4)	4.9 (4.8)
CO ₂		g/km	114 (115)	115 (116)	129 (126)
With 7J x 16 wheels and 205/55 R16 tyres as well as winter tyres (BMW 116d, BMW 118d), With 7J x 17 wheels and 205/50 R 17 tyres, with 7.5J x 17 wheels and 225/45 R17 tyres, With 7.5J x 17 wheels at front, 8J x 17 at the rear and 225/45 R17 tyres at front, 245/40 R17 at the rear, With 7.5J x 18 wheels at front, 8J x 18 at the rear and 225/40 R18 tyres at front, 245/35 R18 at the rear					
Urban		l/100 km	5.4 (5.5)	5.5 (5.5)	
Extra-urban		l/100 km	3.9 (4.0)	3.9 (4.0)	
Composite		l/100 km	4.5 (4.5)	4.5 (4.5)	
CO ₂		g/km	117 (119)	118 (119)	
Emission classification			EU5	EU5	EU5
Insurance category					
KH / VK / TK			⁴⁾	⁴⁾	⁴⁾

Technical data valid for ACEA markets/part of data relevant to homologation only apply to Germany (weights)
Figures in parentheses apply to automatic transmission

¹⁾ Height including roof fin: 1440 mm

²⁾ Oil change quantity

³⁾ Fuel consumption and CO₂ emissions depend on the selected tyre format

⁴⁾ Information not yet available

BMW 116d EfficientDynamics Edition.

BMW 116d EfficientDynamics Edition

Body

Number of doors/seats		3 / 4 (5)
Length/Width/Height (unladen)	mm	4324 / 1765 / 1413
Wheelbase	mm	2690
Track front/rear	mm	1521 / 1556
Ground clearance	mm	132
Turning circle	m	10.9
Tank capacity	approx. l	52
Cooling system incl. heating	l	7.0
Engine oil ¹⁾	l	5.2
Weight, unladen, to DIN/EU	kg	1305 / 1380
Max. load to DIN	kg	530
Max. perm. weight, overall	kg	1835
Max perm axle load front/rear	kg	875 / 1055
Max perm trailer load (12%) braked/unbraked	kg	- / -
Perm roof load/trail download	kg	75 / -
Luggage capacity	l	360 – 1200
Air resistance	c _x x A	0.30 x 2.14

Engine

Configuration/No. of cyls./valves		R / 4 / 4
Engine technology	BMW TwinPower Turbo technology: turbocharger with variable intake geometry, Common Rail direct injection with solenoid injectors, max. injection pressure: 1600 bar	
Capacity	cc	1598
Stroke/bore	mm	83.6 / 78.0
Compression ratio	:1	16.5
Fuel grade		Diesel
Max output	kW/hp	85 / 116
at	rpm	4000
Max torque	Nm	260
at	rpm	1750 – 2500

Electrical system

Battery/installation	Ah/-	80 / luggage comp
Alternator	A/W	180 / 2520

Driving dynamics and safety

Suspension, front	Double-joint spring-strut axle, aluminium	
Suspension, rear	Five-link rear axle, light steel, with double elastic bearings	
Brakes, front	One-piston floating-calliper	
Diameter	mm	³⁾ / vented
Brakes, rear	One-piston floating-calliper	
Diameter	mm	³⁾
Driving stability systems	Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant	
Safety features	Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for front and rear seats, three-point inertia-reel seatbelts on all seats with belt latch tensioner and belt force limiter integrated in the front seats, crash sensors, Tyre Defect Indicator	
Steering	Electric Power Steering (EPS), optional: Servotronic, variable sports steering	
Overall steering transmission	:1	15.0
Tyres front/rear	205/55 R16 91H	
Wheels front/rear	7J x 16 steel	

BMW 116d EfficientDynamics Edition

BMW ConnectedDrive

Comfort	Optional: BMW Assist incl. Enquiry Service, remote-control functions and V-Info+ (Traffic Info plus), Real-Time Traffic Information, BMW TeleServices, integration of mobile devices
Infotainment	Optional: Internet access, BMW Online incl. Park Info, National Info, Google Local Search, News, Real-Time Weather, BMW Routes, Office functions, Bluetooth Audio Streaming, Online Update Music Tracks, Apps
Safety	Optional: Adaptive Headlights with cornering lights, variable light distribution and adaptive headlight range control, High Beam Assistant, Park Distance Control, rear-view camera, Active Cruise Control with braking function, Parking Assistant, Lane Departure Warning with rear-end collision warning, Speed Limit Info incl. No Passing Info, Automatic/Advanced Emergency Call

Transmission

Type	Six-speed manual transmission		
Gear ratios	I		4.002
	II	:1	2.109
	III	:1	1.380
	IV	:1	1.000
	V	:1	0.781
	VI	:1	0.645
	R	:1	3.647
Final drive		:1	2.929

Performance

Power-to-weight ratio	kg/kW	15.4	
Output per litre	kW/l	53.2	
Acceleration	0–100 km/h	s	10.5
	0–1000 m	s	31.6
In 4th gear	80–120 km/h	s	10.2 / 14.2
Top speed	km/h	195	

BMW EfficientDynamics

BMW EfficientDynamics measures as standard	Brake Energy Regeneration, Electric Power Steering (EPS), Auto Start Stop function, gear shift indicator (manual transmission), ECO PRO mode, intelligent lightweight construction, on-demand operation of ancillary units, map-controlled oil pump, disengageable air-conditioning compressor, final drive with optimised warm-up behaviour, optimised aerodynamics, tyres with reduced rolling resistance
--	---

Fuel consumption EU

Urban	l/100 km	4.4
Extra-urban	l/100 km	3.4
Composite	l/100 km	3.8
CO ₂	g/km	99
Emissions classification		EU5

Insurance category

KH / VK / TK	³⁾
--------------	---------------

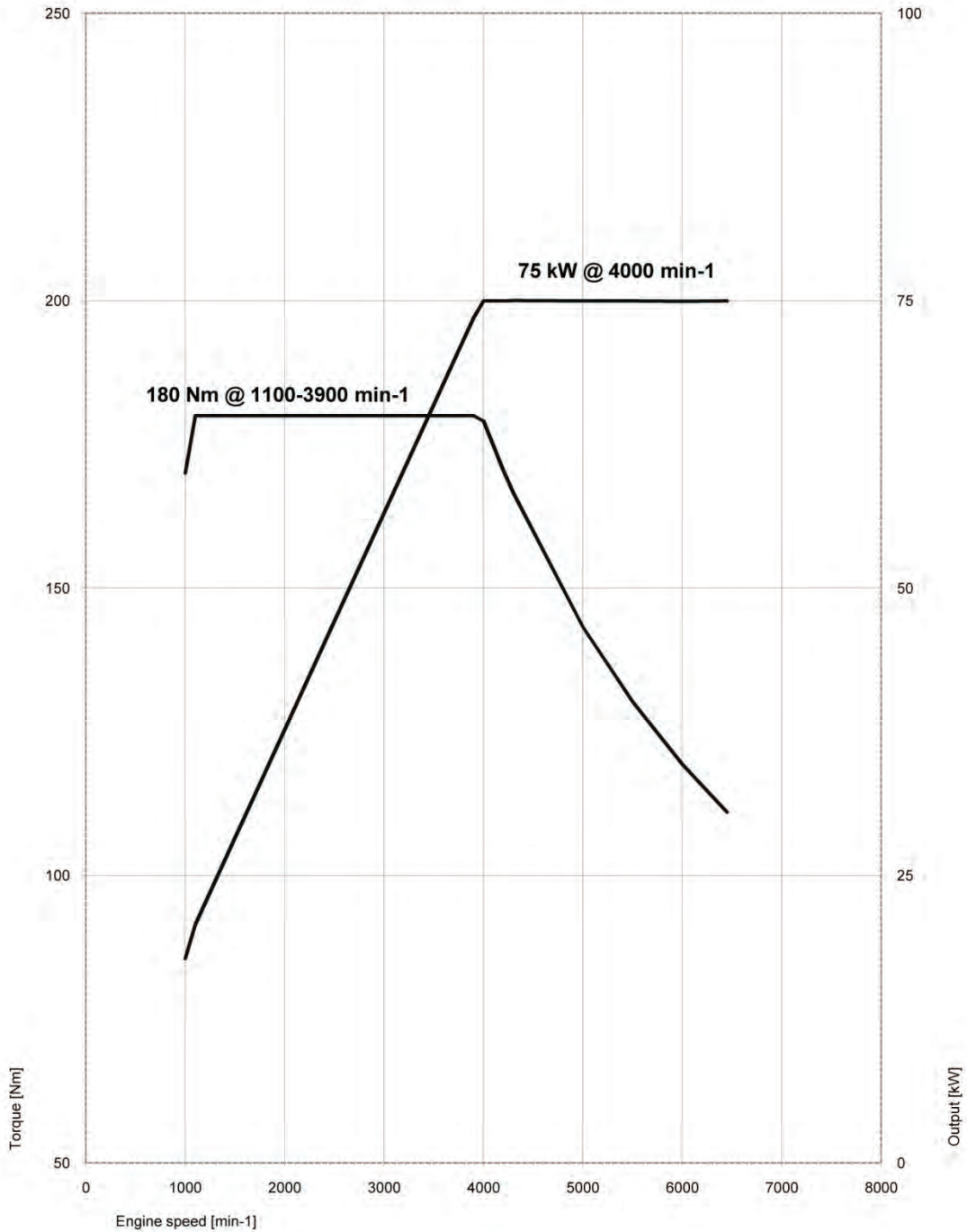
Technical data valid for ACEA markets/part of data relevant to homologation only apply to Germany (weights)
Figures in parentheses apply to automatic transmission

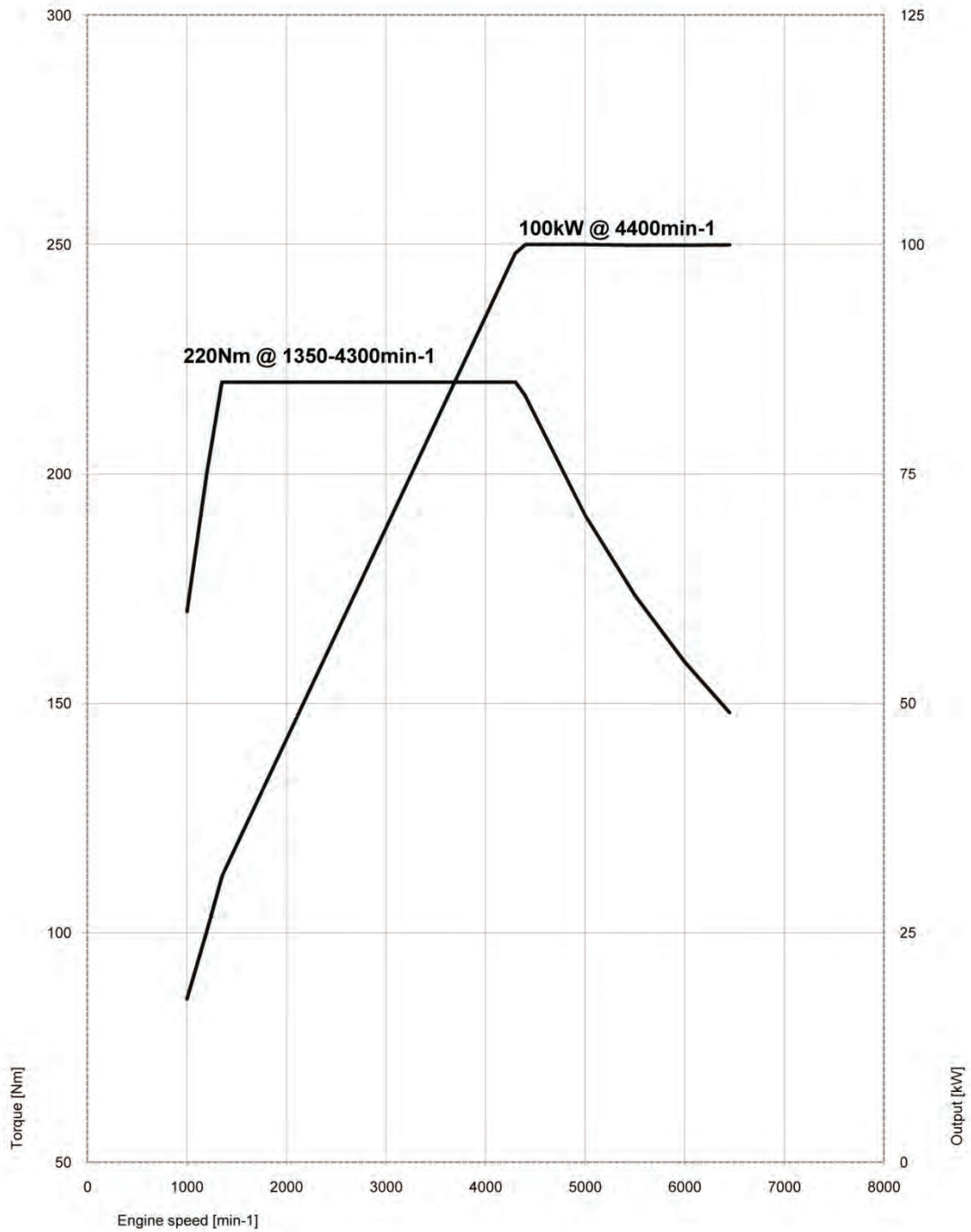
¹⁾ Height including roof fin: 1440 mm

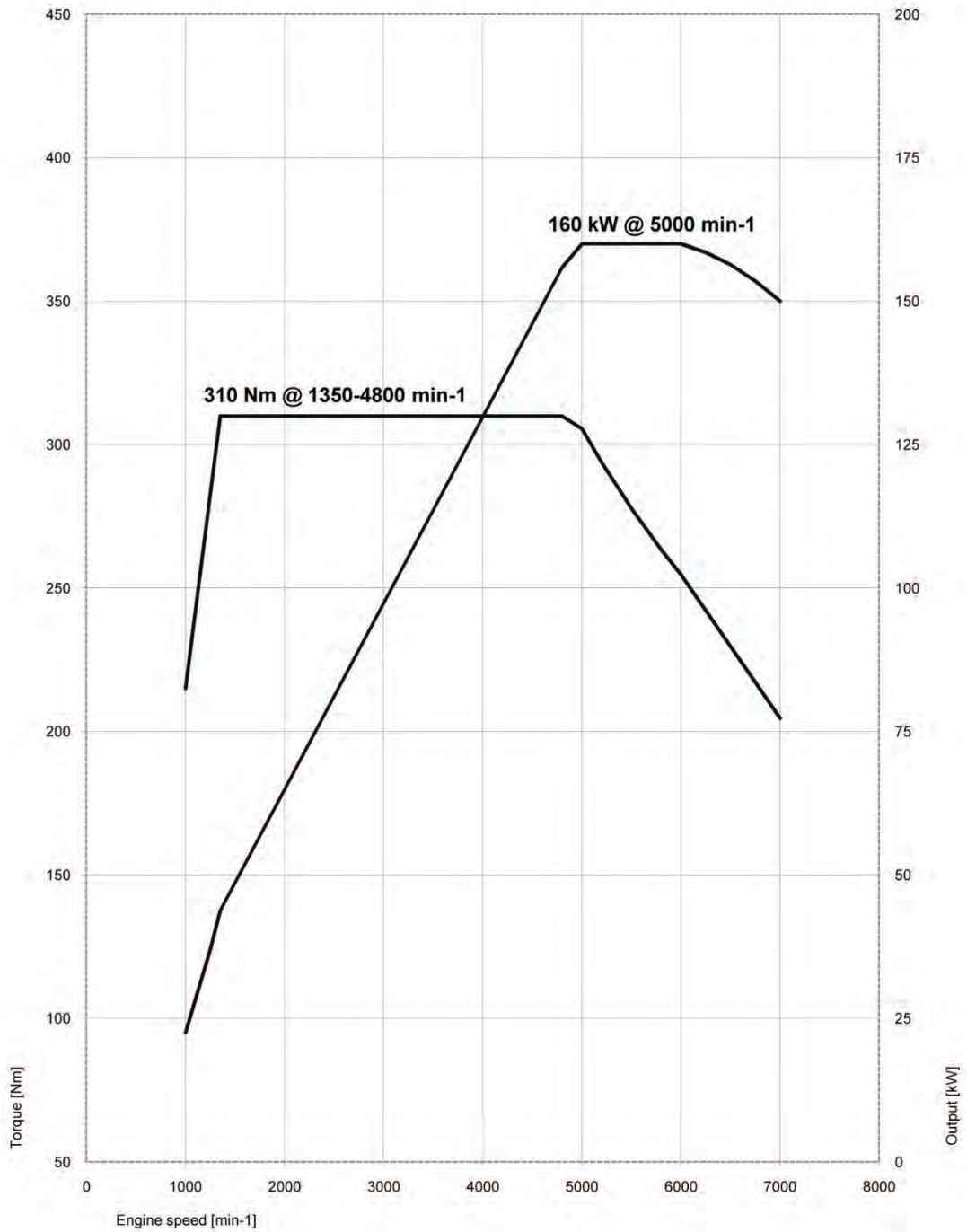
²⁾ Oil change quantity

³⁾ Information not yet available

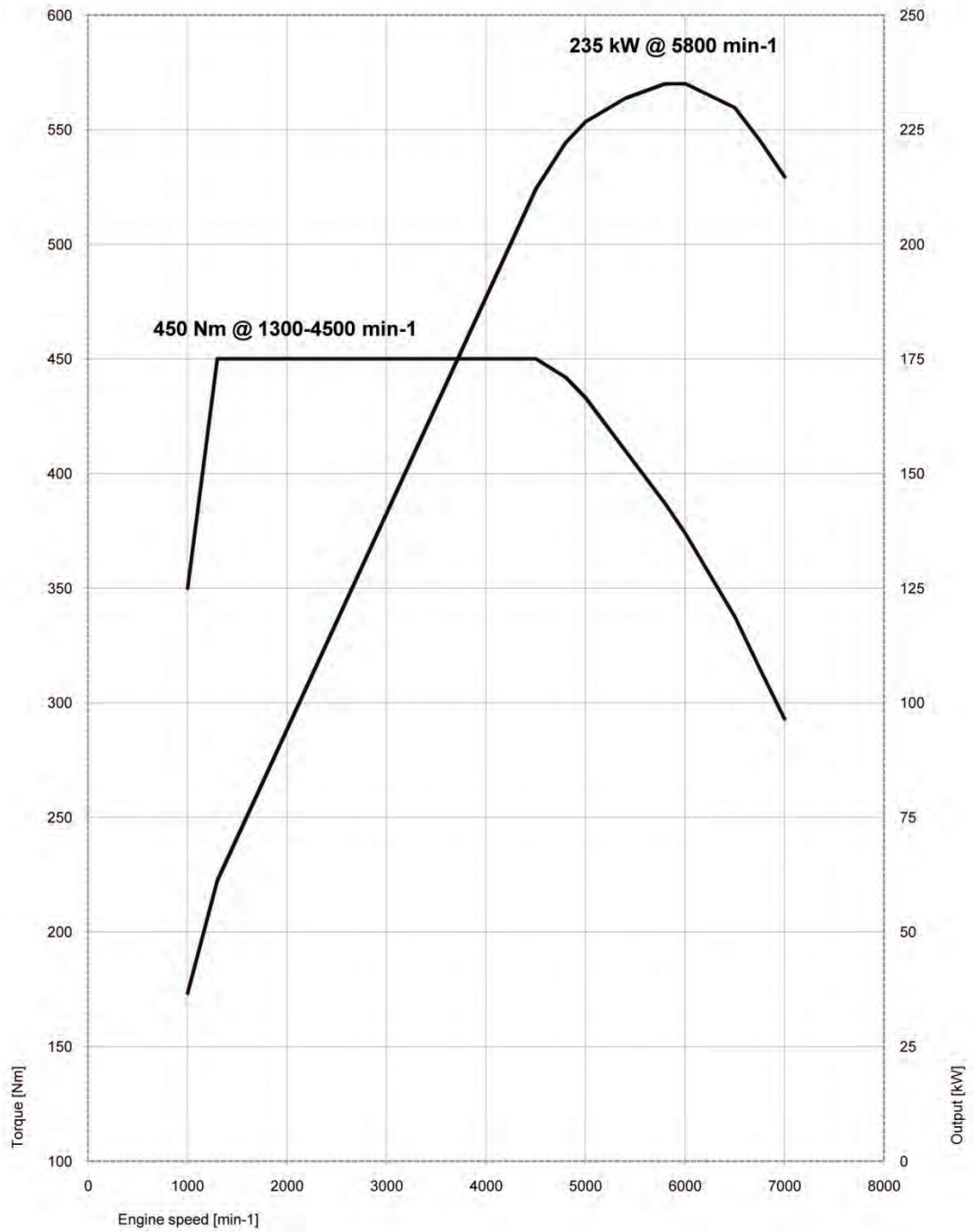
Performance and torque diagrams. The new three-door BMW 1 Series. BMW 114i.



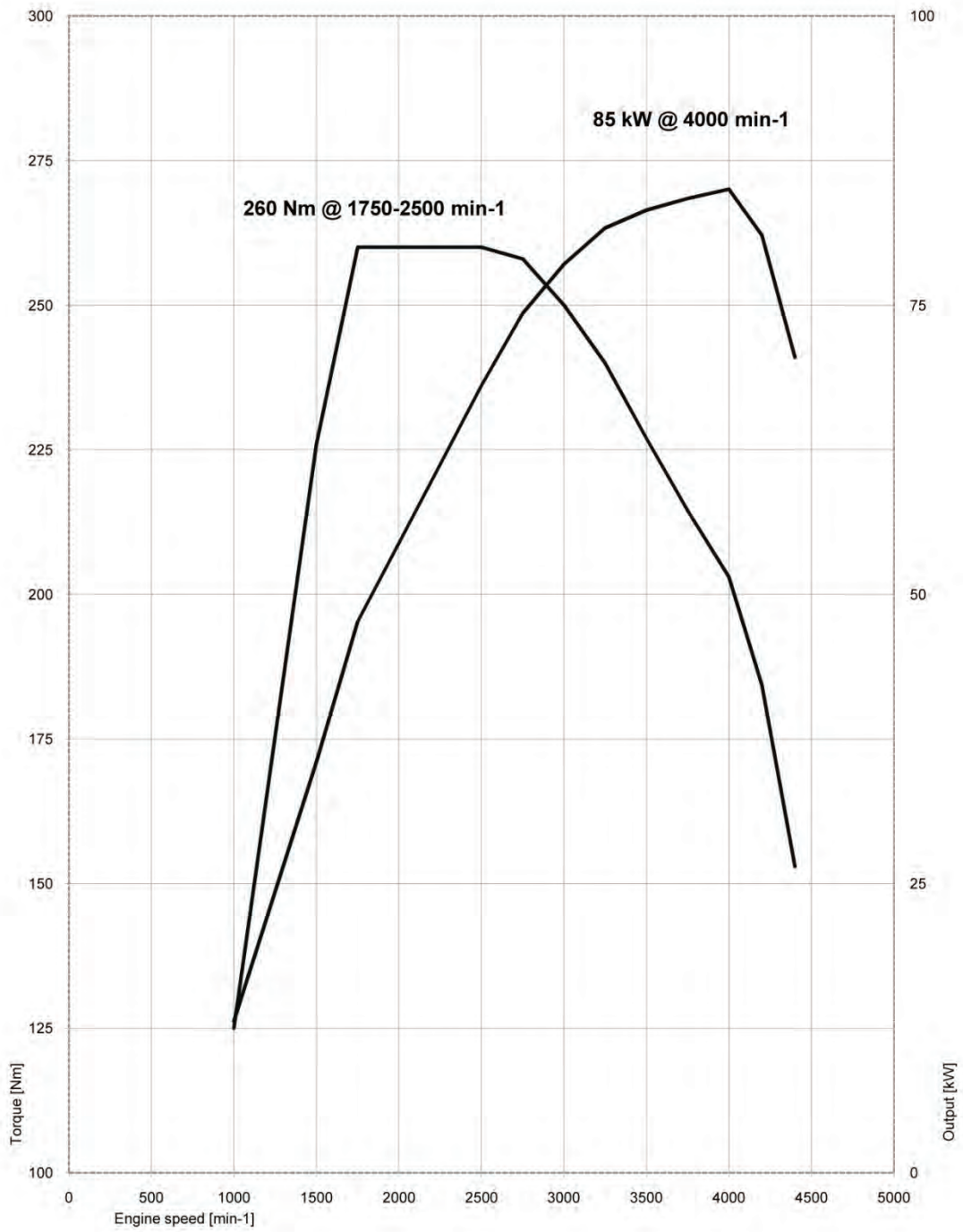


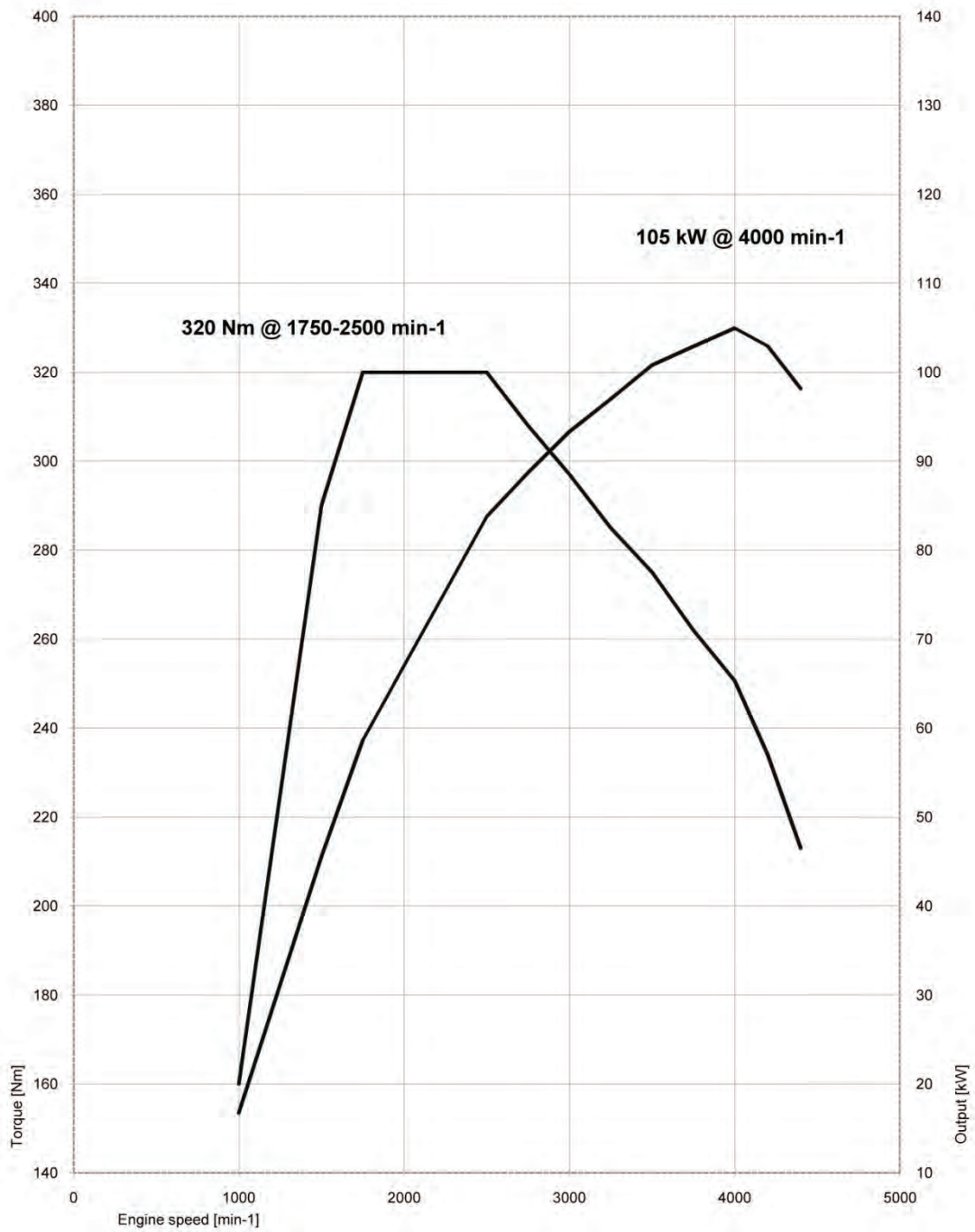


BMW M135i.

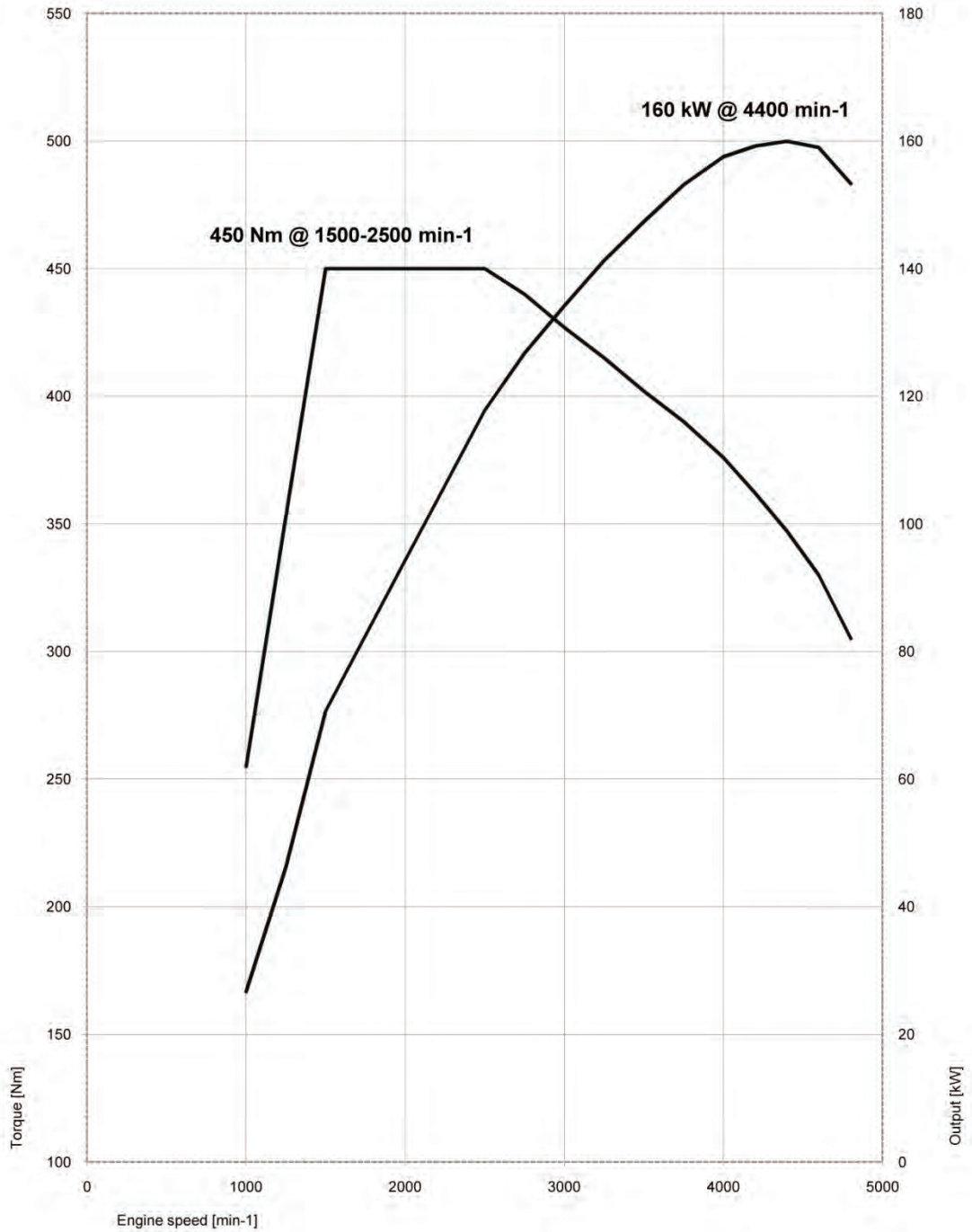


BMW 116d.

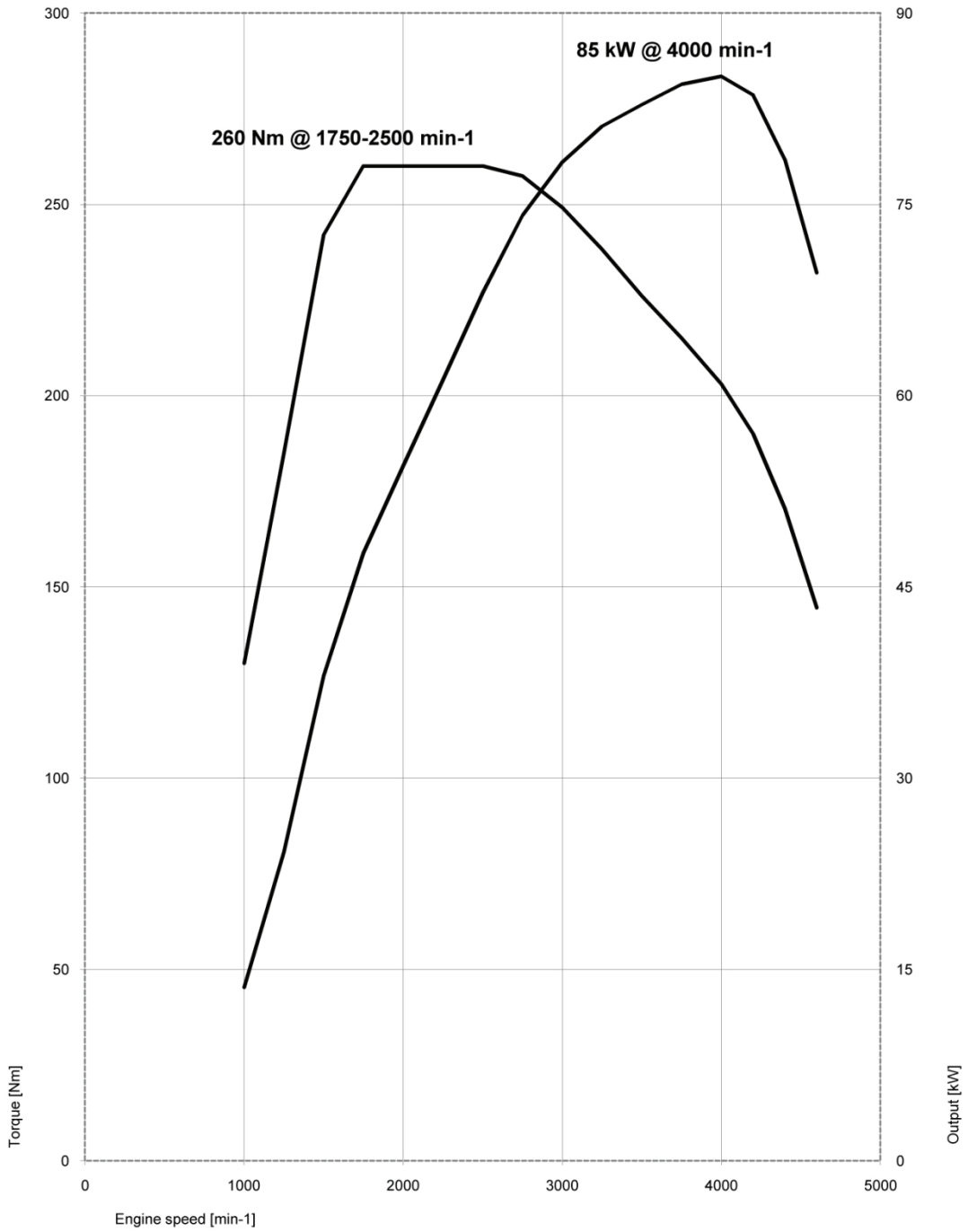




BMW 125d.



BMW 116d EfficientDynamics Edition.



Exterior and interior dimensions.

