

# Powerful presence: The new BMW X4. Contents.



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# 1. The new BMW X4. Short version.



The new BMW X4 (fuel consumption combined: 8.3–5.0\* l/100 km [34.0–54.3 mpg imp]; CO<sub>2</sub> emissions combined: 193–130\* g/km) blends the hallmark features of the successful BMW X family with the sporting elegance of a classical coupe, and introduces the unique Sports Activity Coupe concept to the premium mid-size segment. Its dynamic pedigree is underlined by a wide range of cutting-edge high-performance engines, the xDrive all-wheel-drive system and an exclusive spread of standard equipment features such as variable sport steering, Performance Control and a sports leather steering wheel with gearshift paddles.

## **Extrovert and dynamic appearance.**

The new BMW X4 is based on the technical blueprint of the BMW X3, but displays a sporting character very much its own and takes dynamics to another new level. That much is clear when you view the new model head-on. The large air intakes positioned on the outer edges of the front end and the character lines in the front apron allow the BMW X4 – with its signature BMW twin headlights and front fog lamps (both optionally with LED technology) – to maximise its visual presence on the road. The roofline reaches its highest point above the driver and then swoops down smoothly to the trailing edge of the tailgate, mimicking the design language of a classical sporting coupe. The signature swage line running along the flanks of BMW models is split into two on the X4. The first section rises dynamically from the front wheel arches to the rear door handles, while the second part draws the eye to the muscular sculpting of the rear wings. The rear end, complete with L-shaped LED lights in exclusive X4 design and diffuser-look styling, likewise highlights the outstanding dynamic ability of the new BMW X4 – even before it turns a wheel.

The driver and front passenger sit 20 millimetres lower than in the BMW X3. In conjunction with the two-seat look of the rear, this accentuates the coupe character of the new BMW in the classy and exclusive interior as well. At the same time, the X4 offers generous levels of space for up to five people and – thanks to the standard 40:20:40 split rear seat backrest – impressive variability.

\* Figures with optional reduced-rolling-resistance tyres on 17-inch Streamline style 306 light-alloy wheels.

### **Unparalleled engine power combined with supreme refinement.**

In keeping with the vivacious character of the new BMW X4, customers can choose from three petrol engines and a trio of diesel units from the BMW EfficientDynamics engine family, whose output ranges from 135 kW/184 hp to 230 kW/313 hp. All the engines meet the EU6 exhaust gas standard. The BMW TwinPower Turbo technology of the state-of-the-art engines offers a promise of superb performance married with exceptionally low fuel consumption. For example, the flagship petrol unit in the BMW X4 xDrive35i (fuel consumption urban/extra-urban/combined: 10.7/6.9/8.3 l/100 km [26.4/40.9/34.0 mpg imp]; CO<sub>2</sub> emissions combined: 193 g/km) develops an outstanding 225 kW/306 hp and peak torque of 400 Nm (295 lb-ft). The BMW X4 xDrive35i requires just 5.5 seconds to sprint from 0 to 100 km/h (62 mph). And an equally impressive performer in terms of power delivery and CO<sub>2</sub> efficiency is the BMW X4 xDrive35d (fuel consumption urban/extra-urban/combined: 6.7/5.5/6.0 l/100 km [42.2/51.4/47.1 mpg imp]; CO<sub>2</sub> emissions combined: 157 g/km). Its 3.0-litre six-cylinder in-line engine generates 230 kW/313 hp and peak torque of 630 Nm (465 lb-ft). The BMW X4 xDrive35d accelerates from 0 to 100 km/h (62 mph) in 5.2 seconds. The new-generation 2.0-litre diesel engine in the BMW X4 xDrive20d (fuel consumption urban/extra-urban/combined: 5.8–5.4\*/5.1–4.8\*/5.4–5.0\* l/100 km [48.7–52.3/55.4–58.9/52.3–56.5 mpg imp]; CO<sub>2</sub> emissions combined: 141–131\* g/km) with eight-speed Steptronic transmission also sets the benchmark when it comes to fuel economy and CO<sub>2</sub> emissions. Its four-cylinder unit produces 140 kW/190 hp and peak torque of 400 Nm (295 lb-ft).

### **BMW EfficientDynamics: driving pleasure meets fuel economy.**

The unparalleled BMW EfficientDynamics technology package also minimises the fuel consumption and emissions of the new BMW X4. Included are features such as the Auto Start Stop function and coasting function (if an eight-speed automatic gearbox is fitted), Brake Energy Regeneration and on-demand operation of ancillary units, ensuring an admirable degree of environmental compatibility to go with maximum driving pleasure. Also available as an option to add further efficiency to the mix are fourth-generation reduced-rolling-resistance tyres, which reduce the CO<sub>2</sub> emissions of selected variants of the BMW X4 by another 7 g/km.

\* Figures with optional reduced-rolling-resistance tyres on 17-inch Streamline style 306 light-alloy wheels.

### **BMW ConnectedDrive: Services & Apps and assistance systems.**

The BMW ConnectedDrive features available for the new X4 allow BMW to restate once again its leadership in the link-up of driver, vehicle and outside world. Among the highlights in the new BMW X4 are the full-colour BMW Head-Up Display, the anti-dazzle High Beam Assistant, and Driving Assistant Plus including Lane Departure Warning, Active Cruise Control with Stop & Go function, preventive pedestrian protection and a Collision Warning system, which applies the brakes with anything up to maximum stopping power as required. Added to which, the optional ConnectedDrive Services also allow drivers to sign up to innovative services such as Real Time Traffic Information (RTTI), the Concierge Service and Remote Services. Facebook, Twitter, AUPEO! personalised internet radio and music platforms like Napster and Deezer have also been optimised for in-car usage and can be accessed easily on board the BMW X4.

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

## 2. Design and functionality. A new dimension in dynamic presence.



The new BMW X4 offers the premium mid-size segment its first taste of the Sports Activity Coupe concept. Like the successful and still unique BMW X6, 250,000 units of which have now been sold, the new X4 also provides a compelling and unmistakable presence on the road. Visually, it combines to perfection the powerful character of a Sports Activity Vehicle (SAV) with the sporting elegance of a classical coupe.

### **A unique expression of pure driving pleasure.**

The new BMW X4 may be based on the technical blueprint of the BMW X3, but the moment you set eyes on it, the new SAV reveals a dynamic personality all of its own and an even more ebullient character. At 4,671 millimetres in length, it is just 14 millimetres longer than the X3, but is also 36 millimetres lower to the ground (height: 1,624 mm) and cuts a persuasive figure with its perfectly balanced proportions and distinctive character. The large air intakes positioned on the outer edges of the front end and the precise character lines in the front apron lend the X4 a more muscular and agile appearance. This lowers the car's visual centre of gravity closer to the road, signalling its sharper dynamics. The effect is further enhanced by the fog lamps sited below the signature twin headlights (both also available with LED technology as an option). This arrangement defines the striking "three-eyed" face of every BMW X model.

The coupe-like roofline of the BMW X4 reaches its highest point over the front seats, reflecting the traditional driver focus of BMW cars, before dropping gently down towards the trailing edge of the tailgate. These stretched lines underline the sporting coupe character of the X4 particularly effectively. The standalone design of the BMW X4 is further reinforced by the fresh interpretation of the signature swage line running along the flanks of BMW models which, for the first time, is split into two. The first section rises smoothly from the front wheel arches to the rear door handles, highlighting the outstanding dynamic ability of the new BMW X4, while the second part accentuates the powerful sculpting of the rear wings. The contoured C-pillars – complete with muscular shoulders – represent a perfectly judged continuation of the theme, as does the broad and low-set rear end, which reminds the driver and passengers of the superior performance served up by the new BMW X4 before they even climb aboard.

### **Sporty and exclusive interior.**

The interior of the new BMW X4 reveals a harmonious synthesis of sportiness and exclusivity. The X4's body is mounted 36 millimetres closer to the road than that of the BMW X3. The driver and front passenger sit 20 millimetres lower and the rear passengers 28 millimetres lower, creating the feeling of a classical sports coupe. It is a sensation reinforced by the rear seat bench, which comes with the type of continuously moulded side supports normally only provided by two individual seats, but still offers space for three passengers. Equally impressive is the load capacity available (500–1,400 litres), which can be used in a wide variety of ways thanks to the standard 40:20:40 split rear seat bench. Everyday usability is further enhanced by the standard-fitted automatically opening tailgate. This can be specified as an option with the extra convenience of the Smart Opener, which allows it to be opened with a movement of the foot. All BMW X4 variants are fitted with the Radio Professional with iDrive Controller and central display. Among the features contributing to the flawless ergonomics inside the new BMW X4 is the touch-sensitive surface of the new iDrive Touch Controller (available in conjunction with the Navigation System Professional), which allows drivers or passengers to use their finger to write letters for text inputs – a navigation destination, for example.

The premium quality and exclusivity of the interior are underlined by selected materials, subtle electroplated accents, a high-gloss black-panel look (in models with the two-zone automatic climate control system) and aluminium trim strips in the wood panelling. The unmistakable character of the BMW X4 is further highlighted by a level of standard equipment even more generous than that found on board the BMW X3. Indeed, the BMW X4 comes as standard with an automatically opening tailgate, a sports leather steering wheel with gearshift paddles (not available for the X4 xDrive20d with six-speed manual gearbox), variable sport steering, Performance Control and Park Distance Control at the rear.

### **M Sport package and xLine for extra individualisation.**

The M Sport package brings the outstanding dynamics of the BMW X4 even more impressively to the fore. One element of the M Sport package is the M Aerodynamics package, which gives the BMW X4 a particularly striking appearance. The BMW Individual High-gloss Shadow Line trim lends even greater emphasis to the unique character of the Sports Activity Coupe and the sporty suspension set-up raises driving pleasure another notch. Six selected paint finishes (including the new colour Melbourne Red metallic), four special interior trim strips, sports seats with various cloth/leather and leather upholstery variants, a BMW Individual roof liner in Anthracite, an M leather steering wheel, M door sill finishers, an M driver's footrest and 18, 19 and

even 20-inch light-alloy wheels exclusive to M add the finishing touches to the car's premium appearance.

In addition to the broad-based and high-quality selection of different colours, light-alloy wheels, upholstery variants, interior trim elements and trim strips for which BMW is renowned, the xLine equipment package gives BMW X4 customers the chance to shine an even brighter spotlight on the X character of their car. Customers can choose from two exclusive light-alloy wheel variants in 18 and 19-inch formats, six individual cloth and leather upholstery variants and a special trim strip.



### 3. Powertrain. Supreme performance and refinement for the most exacting demands.

The first Sports Activity Coupe in the premium mid-size segment also presses home its leadership credentials when it comes to powertrains. Indeed, customers can choose from three petrol engines and a trio of diesels from the launch of the new BMW X4. All the power units meet the EU6 exhaust emissions standard and promise driving pleasure of the highest order. The output spectrum ranges from 135 kW/184 hp to 230 kW/313 hp. Exclusive BMW TwinPower Turbo technology ensures outstanding performance while keeping fuel consumption and CO<sub>2</sub> emissions to a minimum.

#### **Powerful and refined petrol engines.**

The state-of-the-art petrol engines available for the new BMW X4 boast High Precision Direct Injection, Double-Vanos variable camshaft control and Valvetronic fully variable valve timing. These technologies join forces to provide the high-revving character for which BMW is renowned, along with excellent power delivery, superb refinement – and impressive efficiency. Indeed, the petrol engines for the new BMW X4 raise the bar with their combination of compelling dynamics yet rock-bottom fuel consumption and emissions. Drivers with sporting ambitions will be extremely well served by the X4 xDrive35i. Its 3.0-litre straight-six petrol engine conjures up maximum output of 225 kW/306 hp between 5,800 and 6,400 rpm and peak torque of 400 Nm (295 lb-ft) at 1,200–5,000 rpm. That's enough to power the X4 xDrive35i from 0 to 100 km/h (62 mph) in just 5.5 seconds and on to a top speed of 247 km/h (153 mph). Despite these show-stealing performance figures, the X4 xDrive35i keeps fuel consumption down to 8.3 litres/100 km [34.0 mpg imp], which equates to CO<sub>2</sub> emissions of 193 g/km. Even more purposeful is the 180 kW/245 hp turbocharged four-cylinder unit powering the BMW X4 xDrive28i (fuel consumption urban/extra-urban/combined: 9.3–8.7\*/6.3–5.9\*/7.4–7.0\* l/100 km [30.4–32.5/44.8–47.9/38.2–40.3 mpg imp]; CO<sub>2</sub> emissions combined: 172–162\* g/km), which teams up with an eight-speed Steptronic transmission as standard to produce peak torque of 350 Nm (258 lb-ft) and a 0 to 100 km/h (62 mph) time of 6.4 seconds. The 2.0-litre petrol engine in the BMW X4 xDrive20i (fuel consumption urban/extra-urban/combined: 9.2–8.7\*/6.3–5.9\*/7.3–6.9\* l/100 km [30.7–32.5/44.8–47.9/38.7–40.9 mpg imp]; CO<sub>2</sub> emissions combined: 171–161\* g/km) with eight-speed Steptronic transmission develops 135 kW/184 hp at 5,000 – 6,250 rpm and serves up 270 Nm (199 lb-ft) of torque between 1,250 and 4,500 rpm. And that allows the X4 xDrive20i to sprint from 0 to 100 km/h (62 mph) in 8.1 seconds.

\* Figures with optional reduced-rolling-resistance tyres on 17-inch Streamline style 306 light-alloy wheels.

### **Powerful diesel engines: 0 to 100 km/h (62 mph) in 5.2 seconds.**

The BMW X4 xDrive35d ranks as a bona fide member of the dynamic elite. Its optimised 3.0-litre diesel delivers 230 kW/313 hp at 4,400 rpm and puts peak torque of 630 Nm (465 lb-ft) on tap between 1,500 and 2,500 rpm. With its standard-fitted Launch Control, the X4 xDrive35d dispatches the 0 to 100 km/h (62 mph) dash in a mere 5.2 seconds and hits a top speed of 247 km/h (153 mph). This is exceptional performance, but the X4 xDrive35d still posts fuel consumption of just 6.0 litres/100 km [47.1 mpg imp] and emits only 157 grams of CO<sub>2</sub> per kilometre. The further developed 3.0-litre six-cylinder in-line engine in the BMW X4 xDrive30d (fuel consumption urban/extra-urban/combined: 6.6–6.2\*/5.7–5.4\*/6.1–5.7\* l/100 km [42.8–45.5/49.6–52.3/46.3–49.6 mpg imp]; CO<sub>2</sub> emissions combined: 159–149\* g/km) displays an even sharper dynamic edge. Indeed, with output of 190 kW/258 hp at 4,000 rpm and peak torque of 560 Nm (413 lb-ft) on stream between 1,500 and 3,000 rpm, it accelerates from 0 to 100 km/h (62 mph) in a suitably sporty 5.8 seconds. The BMW X4 xDrive20d is powered by a newly developed 2.0-litre diesel engine with an all-aluminium construction, which achieves injection pressure of 2,000 bar thanks to common rail direct injection with solenoid valve injectors. This cutting-edge power unit develops 140 kW/190 hp at 4,000 rpm and peak torque of 400 Nm (295 lb-ft). As a result, the X4 xDrive20d requires just 8.0 seconds to sprint from 0 to 100 km/h (62 mph). And yet, linking up with the eight-speed Steptronic transmission, it pins fuel consumption to 5.4–5.0\* litres/100 km [52.3–56.5 mpg imp] and sets the CO<sub>2</sub> emission benchmark with figures of just 141–131\* g/km.

### **Intelligent all-wheel-drive system and eight-speed Steptronic sport transmission.**

All X4 models have a sporty suspension set-up and come with the intelligent all-wheel-drive system xDrive with standard Performance Control. This ensures that drive is also split between the rear wheels continuously and as required, which further improves traction, turn-in and directional stability. Working in tandem with the standard variable sport steering, these systems allow the BMW X4 to deliver driving dynamics that surpass even those of the BMW X3 in terms of sportiness. An xDrive status display in the Control Display uses three-dimensional graphics to keep the driver informed of the car's body roll and pitch. If a navigation system is specified, all BMW X4 models also feature a compass display in the instrument cluster.

\* Figures with optional reduced-rolling-resistance tyres on 17-inch Streamline style 306 light-alloy wheels.

The BMW X4 xDrive20d can be ordered with either a six-speed manual gearbox or the eight-speed Steptronic transmission, while the X4 xDrive20i is only offered with the eight-speed Steptronic. The other X4 models come with the eight-speed Steptronic sport transmission as standard. With all automatic models, gears can also be changed using paddles on the sports steering wheel.

**BMW EfficientDynamics:**

**ECO PRO mode and coasting function reduce fuel consumption.**

Further reductions in fuel consumption can be achieved courtesy of ECO PRO mode (selected using the Driving Experience Control switch), the ECO PRO Route option and the eight-speed Steptronic transmission's coasting function. As an option, fourth-generation reduced-rolling-resistance tyres combined with 17-inch light-alloy Streamline style 306 wheels cut CO<sub>2</sub> emissions by another 7 g/km.

**Proactive Driving Assistant offers recommendations.**

The innovative BMW Proactive Driving Assistant offers additional potential for fuel saving. This technology uses route data supplied by the car's navigation system to identify situations in advance which will require the car to slow down – e.g. on the way into towns and villages, speed limits etc. – and give suitable recommendations.

## 4. **BMW ConnectedDrive.** **Intelligent driver assistance and full connectivity.**



With its BMW ConnectedDrive technology, BMW has led the way in the link-up of driver, vehicle and outside world for many years. The new BMW X4 provides further evidence of BMW ConnectedDrive's position at the forefront of development.

### **Driver assistance and Services & Apps.**

Providing added safety and greater convenience in the BMW X4 is the optional full-colour Head-Up Display, which projects all important driving information and the assistance systems displays into the driver's field of view in high resolution. What's more, the latest-generation Navigation System Professional with ECO PRO route guidance now teams up with the iDrive Touch Controller whose touchpad allows texts – e.g. a navigation destination – to be easily inputted by using a finger. Safety and convenience can be further enhanced by optional premium features like the anti-dazzle High Beam Assistant, Driving Assistant Plus including Pedestrian and Collision Warning with City Braking function, Active Cruise Control with Stop & Go function and Lane Departure Warning. Available as options are Lane Change Warning, Surround View and the Parking Assistant, which steers the car autonomously into parking spaces parallel to the road. The option of BMW ConnectedDrive Services allows customers to access smartphone applications such as AUPEO! (personal internet radio) or Deezer (music platform) as well as innovative mobility services via a built-in SIM card. The Concierge Service connects the car with a BMW Call Centre, allowing restaurant tables to be booked or describing the way to the nearest out-of-hours pharmacy. Remote Services and Real Time Traffic Information (RTTI) can likewise be used from the comfort of the car. Online Entertainment provides direct access to music services such as rara or Napster with their millions of music tracks as well as audiobooks. The Intelligent Emergency Call function, meanwhile, takes safety to another new level. It is triggered automatically or can be used manually. As soon as the crash sensors report an airbag deployment, the system sends the vehicle location (accurate within metres) and all key information to the BMW Call Centre via the built-in SIM card, thus enabling fast and effective assistance at the accident location. In 2015 it will be mandatory for all new vehicles in the EU to be equipped with an automated emergency call system. With Intelligent Emergency Call, BMW ConnectedDrive already offers as standard in the BMW X4 a safety system that goes far beyond the statutory requirements for 2015.

## 5. Specifications.

### The new BMW X4. xDrive20i, xDrive28i, xDrive35i.



		BMW X4 xDrive20i	BMW X4 xDrive28i	BMW X4 xDrive35i
<b>Body</b>				
No. of doors/seats		5/5	5/5	5/5
Length/width/height (unladen)	mm	4671/1881/1624	4671/1881/1624	4671/1881/1624
Wheelbase	mm	2810	2810	2810
Track, front/rear	mm	1616/1632	1616/1632	1616/1632
Ground clearance		204	204	204
Turning circle	m	11.9	11.9	11.9
Tank capacity	approx. ltr	67	67	67
Cooling system incl. heating	ltr	7.5	7.5	9.6
Engine oil <sup>1)</sup>	ltr	5.75	5.75	6.5
Weight, unladen, to DIN/EU	kg	1735/1810	1770/1845	1815/1890
Max. load to DIN	kg	590	590	590
Max. permissible weight	kg	2325	2360	2405
Max. axle load, front/rear	kg	1085/1320	1120/1320	1140/1330
Max. trailer load, braked (12%/unbraked)	kg	2400/750	2400/750	2400/750
Max. roof load/ towbar download	kg	100/100	100/100	100/100
Luggage comp. capacity	ltr	500-1400	500-1400	500-1400
Air resistance	c <sub>d</sub> x A	0.33 x 2.57	0.34 x 2.57	0.34 x 2.57
<b>Engine</b>				
Config./No. of cyls./valves		in-line/4/4	in-line/4/4	in-line/6/4
Engine technology		BMW TwinPower Turbo technology: twin-scroll turbocharger, High Precision Direct Injection		
Effective capacity	cm <sup>3</sup>	1997	1997	2979
Stroke/bore	mm	90.1/84.0	90.1/84.0	89.6/84.0
Compression ratio	:1	10.0	10.0	10.2
Fuel		min. RON 91	min. RON 91	min. RON 91
Output	kW/hp	135/184	180/245	225/306
at	rpm	5000–6250	5000–6500	5800–6400
Torque	Nm	270	350	400
at	rpm	1250–4500	1250–4800	1200–5000
<b>Electrical System</b>				
Battery/Installation	Ah/–	90/luggage comp.	90/luggage comp.	90/luggage comp.
Alternator	AW	<sup>3)</sup>	<sup>3)</sup>	<sup>3)</sup>
<b>Driving Dynamics and Safety</b>				
Suspension, front		Double-joint spring strut axle in lightweight steel construction		
Suspension, rear		Five-link axle in lightweight steel construction		
Brakes, front		Single-piston floating-calliper disc brakes, vented		
Brakes, rear		Single-piston floating-calliper disc brakes, 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; DSC linked to xDrive all-wheel-drive, HDC (Hill Descent Control), Performance Control; optional: VDC (Vertical Dynamic Control)		
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags front and rear, three-point inertia-reel seatbelts on all seats with belt stopper, belt tensioner and belt force limiter at the front		
Steering		Electromechanical rack-and-pinion power steering (EPS)		
Steering ratio, overall	:1	16.4	16.4	16.4
Tyres, front/rear		225/60 R17 99V	225/60 R17 99V	245/50 R18 100W
Rims, front/rear		7.5J x 17 light-alloy	7.5J x 17 light-alloy	8.0J x 18 light-alloy

		<b>BMW X4 xDrive20i</b>	<b>BMW X4 xDrive28i</b>	<b>BMW X4 xDrive35i</b>
<b>Transmission</b>				
Type of gearbox	8-speed Steptronic transmission			
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	3.295	3.295
Final drive		:1	3.385	3.385
<b>Performance</b>				
Power-to-weight ratio (DIN)	kg/kW	12.9	9.8	8.1
Output per litre	kW/ltr	67.6	90.1	75.5
Acceleration	0–100 km/h	s	8.1	6.4
	0–1000 m	s	<sup>3)</sup>	<sup>3)</sup>
in 4th/5th gear	80–120 km/h	s	(-)	(-)
Top speed	km/h	212	232	247
<b>BMW EfficientDynamics</b>				
BMW EfficientDynamics, standard features	Brake Energy Regeneration, Electric Power Steering, Auto Start Stop function, ECO PRO mode, intelligent lightweight design, on-demand operation of ancillary units, map-controlled oil pump, final drive with optimised warm-up behaviour, tyres with reduced rolling resistance			
<b>Fuel Consumption ECE<sup>2)</sup></b>				
With standard tyres:				
Urban	ltr/100 km	9.0	9.1	10.7
Extra-urban	ltr/100 km	6.1	6.2	6.9
Combined	ltr/100 km	7.2	7.3	8.3
CO <sub>2</sub>	g/km	168	169	193
With optional reduced-rolling-resistance tyres on 17-inch Streamline style 306 light-alloy wheels:				
Urban	ltr/100 km	8.7	8.7	<sup>4)</sup>
Extra-urban	ltr/100 km	5.9	5.9	<sup>4)</sup>
Combined	ltr/100 km	6.9	7.0	<sup>4)</sup>
CO <sub>2</sub>	g/km	161	162	<sup>4)</sup>
With optional 20-inch wheels:				
Urban	ltr/100 km	9.2	9.3	10.7
Extra-urban	ltr/100 km	6.3	6.3	6.9
Combined	ltr/100 km	7.3	7.4	8.3
CO <sub>2</sub>	g/km	171	172	193

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

<sup>1)</sup> Oil change

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

<sup>3)</sup> Data not yet available

<sup>4)</sup> Optional reduced-rolling-resistance tyres not available for xDrive35d and xDrive35i

# The new BMW X4. xDrive20d, xDrive30d, xDrive35d.

		<b>BMW X4 xDrive20d</b>	<b>BMW X4 xDrive30d</b>	<b>BMW X4 xDrive35d</b>
<b>Body</b>				
No. of doors/seats		5/5	5/5	5/5
Length/width/height (unladen)	mm	4671/1881/1624	4671/1881/1624	4671/1881/1624
Wheelbase	mm	2810	2810	2810
Track, front/rear	mm	1616/1632	1616/1632	1616/1632
Ground clearance		204	204	204
Turning circle	m	11.9	11.9	11.9
Tank capacity	approx. ltr	67	67	67
Cooling system incl. heating	ltr	<sup>3)</sup>	10.0	10.0
Engine oil <sup>1)</sup>	ltr	<sup>3)</sup>	7.2	7.2
Weight, unladen, to DIN/EU	kg	1730/1805 (1745/1820)	1820/1895	1860/1935
Max. load to DIN	kg	590	590	580
Max. permissible weight	kg	2320 (2335)	2410	2440
Max. axle load, front/rear	kg	1070/1320 (1085/1330)	1145/1330	1180/1330
Max. trailer load, braked (12%/unbraked)	kg	2000/750 (2400/750)	2400/750	2400/750
Max. roof load/ towbar download	kg	100/100	100/100	100/100
Luggage comp. capacity	ltr	500-1400	500-1400	500-1400
Air resistance	c <sub>d</sub> x A	0.33 x 2.57	0.34 x 2.57	0.35 x 2.57
<b>Engine</b>				
Config./No. of cyls./valves		in-line/4/4	in-line/6/4	in-line/6/4
Engine technology		BMW TwinPower Turbo technology: turbocharger with variable inlet geometry, common rail direct injection		
Effective capacity	cm <sup>3</sup>	1995	2993	2993
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		diesel	diesel	diesel
Output	kW/hp	140.0/190	190/258	230/313
at	rpm	4000	4000	4400
Torque	Nm	400	560	630
at	rpm	<sup>3)</sup>	1500-3000	1500-2500
<b>Electrical System</b>				
Battery/Installation	Ah/-	90/luggage comp.	90/luggage comp.	90/luggage comp.
Alternator	AW	<sup>3)</sup>	<sup>3)</sup>	<sup>3)</sup>
<b>Driving Dynamics and Safety</b>				
Suspension, front		Double-joint spring strut axle in lightweight steel construction		
Suspension, rear		Five-link axle in lightweight steel construction		
Brakes, front		Single-piston floating-calliper disc brakes, vented		
Brakes, rear		Single-piston floating-calliper disc brakes, 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; DSC linked to xDrive all-wheel-drive, HDC (Hill Descent Control), Performance Control; optional: VDC (Vertical Dynamic Control)		
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags front and rear, three-point inertia-reel seatbelts on all seats with belt stopper, belt tensioner and belt force limiter at the front		
Steering		Electromechanical rack-and-pinion power steering (EPS)		
Steering ratio, overall	:1	16.4	16.4	16.4
Tyres, front/rear		225/60 R17 99V	225/60 R17 99V	245/50 R18 100W
Rims, front/rear		7.5J x 17 light-alloy	7.5J x 17 light-alloy	8.0J x 18 light-alloy

		<b>BMW X4 xDrive20d</b>	<b>BMW X4 xDrive30d</b>	<b>BMW X4 xDrive35d</b>
<b>Transmission</b>				
Type of gearbox		6-speed manual gearbox (optional: 8-speed Steptronic transmission)	8-speed Steptronic transmission	
Gear ratios	I	:1	4.110 (4.714)	4.714
	II	:1	2.248 (3.143)	3.143
	III	:1	1.403 (2.106)	2.106
	IV	:1	1.000 (1.667)	1.667
	V	:1	0.802 (1.285)	1.285
	VI	:1	0.659 (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	3.727 (3.077)	2.813
<b>Performance</b>				
Power-to-weight ratio (DIN)	kg/kW		12.4 (12.5)	9.6
Output per litre	kW/ltr		70.2	63.5
Acceleration	0–100 km/h	s	8.0 (8.0)	5.8
	0–1000 m	s	<sup>3)</sup>	<sup>3)</sup>
in 4th/5th gear	80–120 km/h	s	<sup>3)</sup> /8.8 (-)	(-)
Top speed	km/h		212 (212)	234
<b>BMW EfficientDynamics</b>				
BMW EfficientDynamics, standard features	Brake Energy Regeneration, Electric Power Steering, Auto Start Stop function, Optimum Shift Indicator (manual), ECO PRO mode, intelligent lightweight design, on-demand operation of ancillary units, map-controlled oil pump, final drive with optimised warm-up behaviour, tyres with reduced rolling resistance			
<b>Fuel Consumption ECE<sup>2)</sup></b>				
With standard tyres:				
Urban	ltr/100 km		6.2 (5.7)	6.5
Extra-urban	ltr/100 km		5.0 (5.0)	5.6
Combined	ltr/100 km		5.4 (5.2)	5.9
CO <sub>2</sub>	g/km		143 (138)	156
With optional reduced-rolling-resistance tyres on 17-inch Streamline style 306 light-alloy wheels:				
Urban	ltr/100 km		5.9 (5.4)	6.2
Extra-urban	ltr/100 km		4.7 (4.8)	5.4
Combined	ltr/100 km		5.2 (5.0)	5.7
With optional 20-inch wheels:				
Urban	ltr/100 km		136 (131)	149
Urban	ltr/100 km			6.7
Extra-urban	ltr/100 km		6.3 (5.8)	6.6
Combined	ltr/100 km		5.1 (5.1)	5.7
CO <sub>2</sub>	g/km		146 (141)	159
Emission rating			EU6	EU6

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

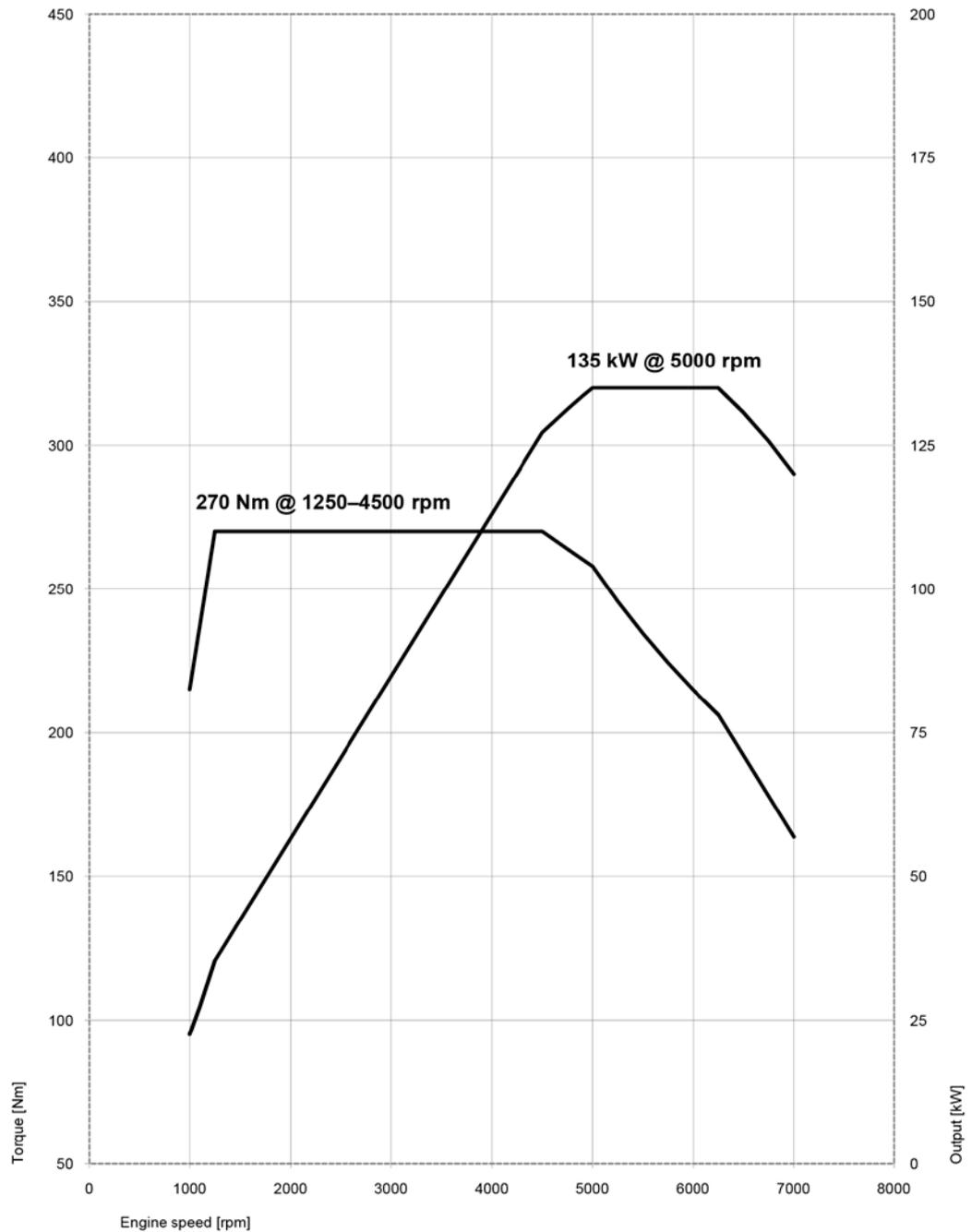
<sup>1)</sup> Oil change

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

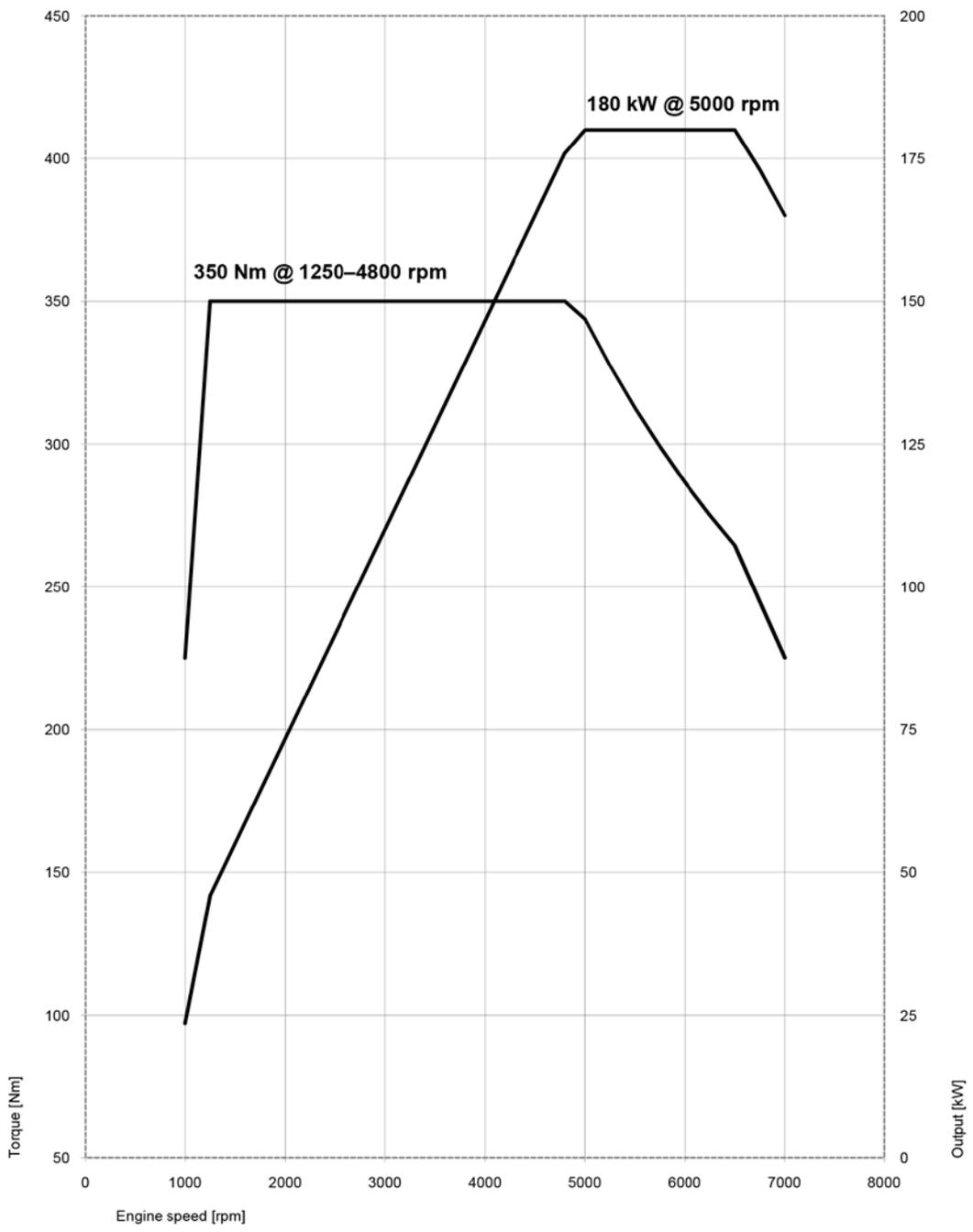
<sup>3)</sup> Data not yet available

<sup>4)</sup> Optional reduced-rolling-resistance tyres not available for xDrive35d and xDrive35i

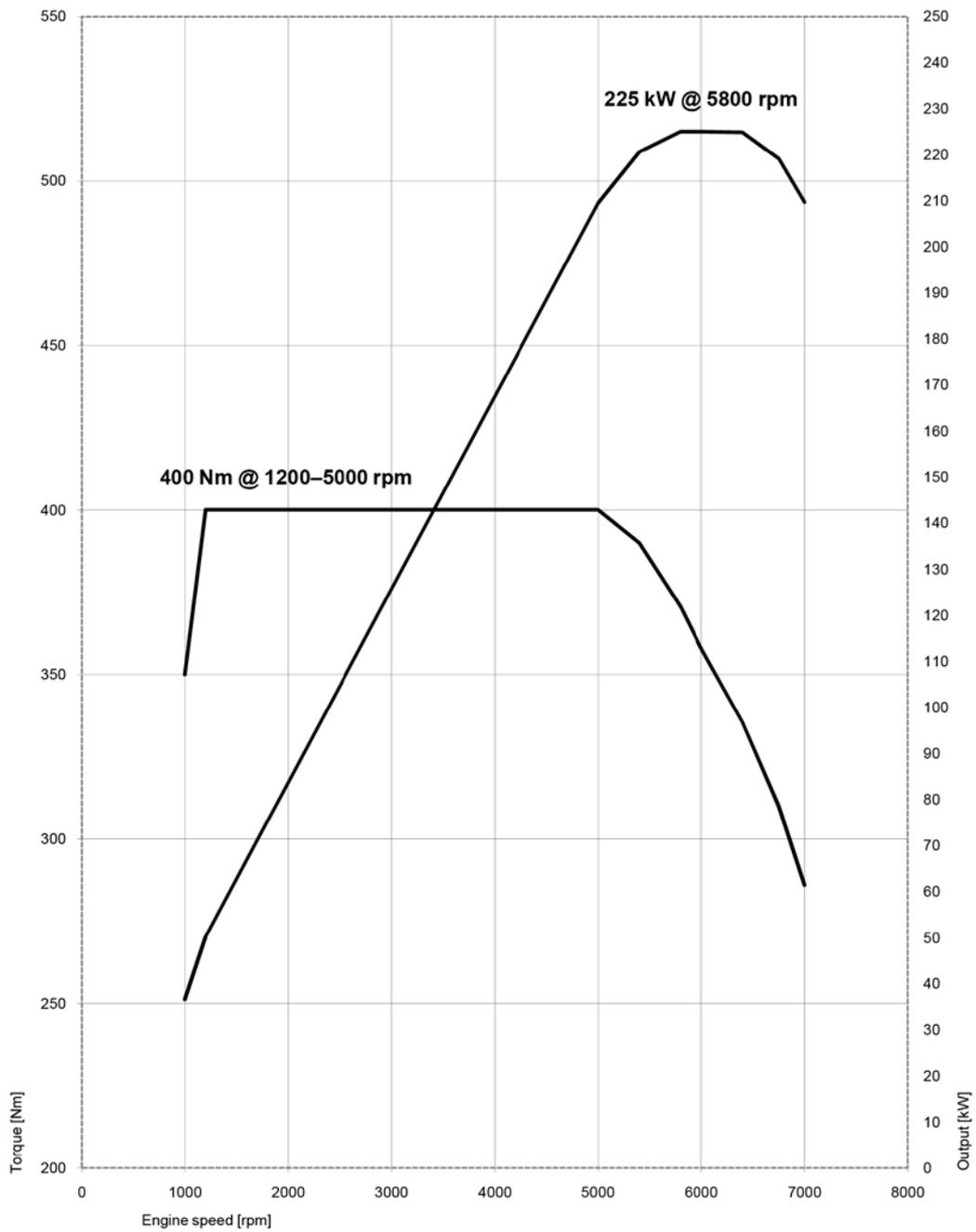
## 6. Output and torque diagrams. The new BMW X4. xDrive20i.



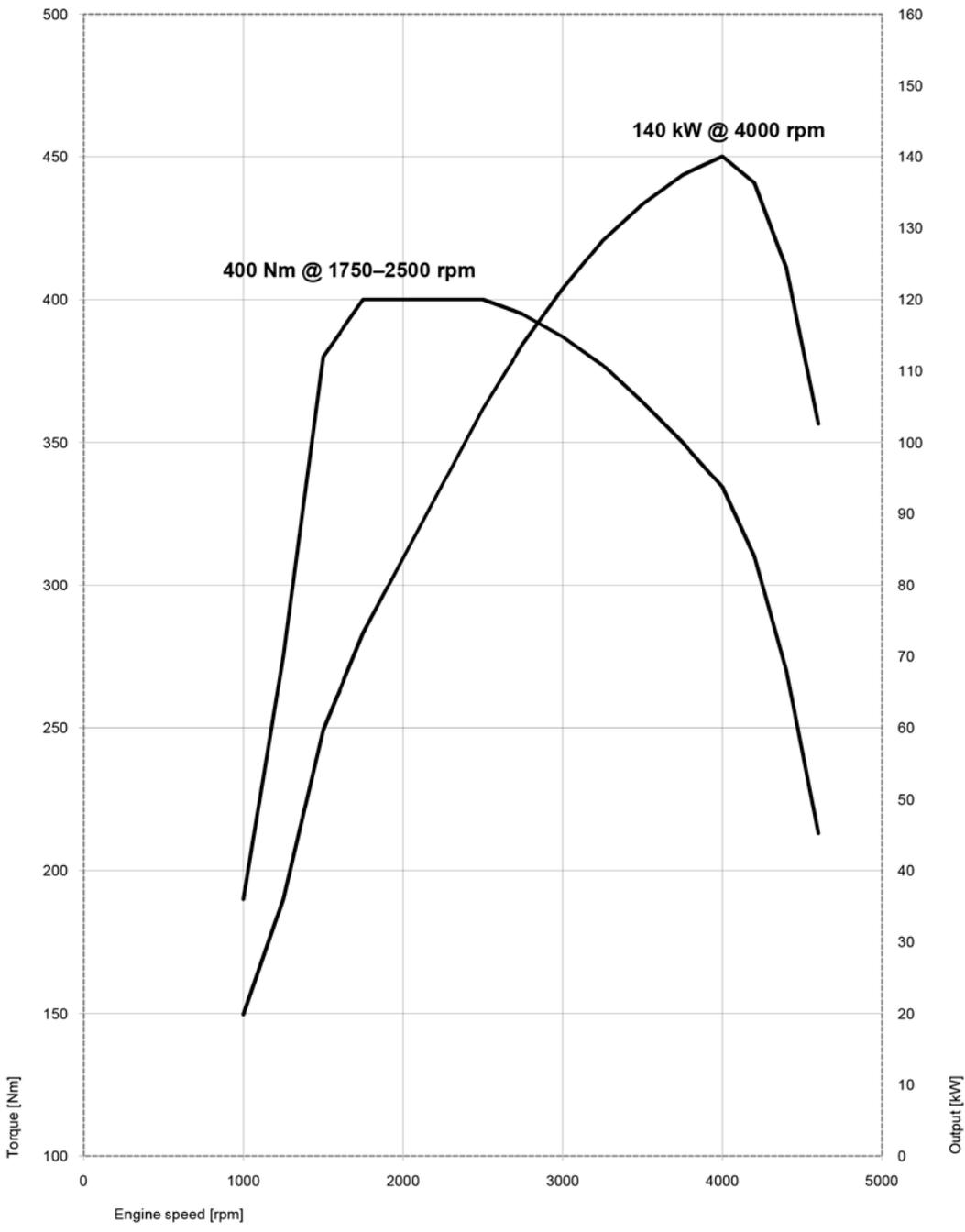
# The new BMW X4. xDrive28i.



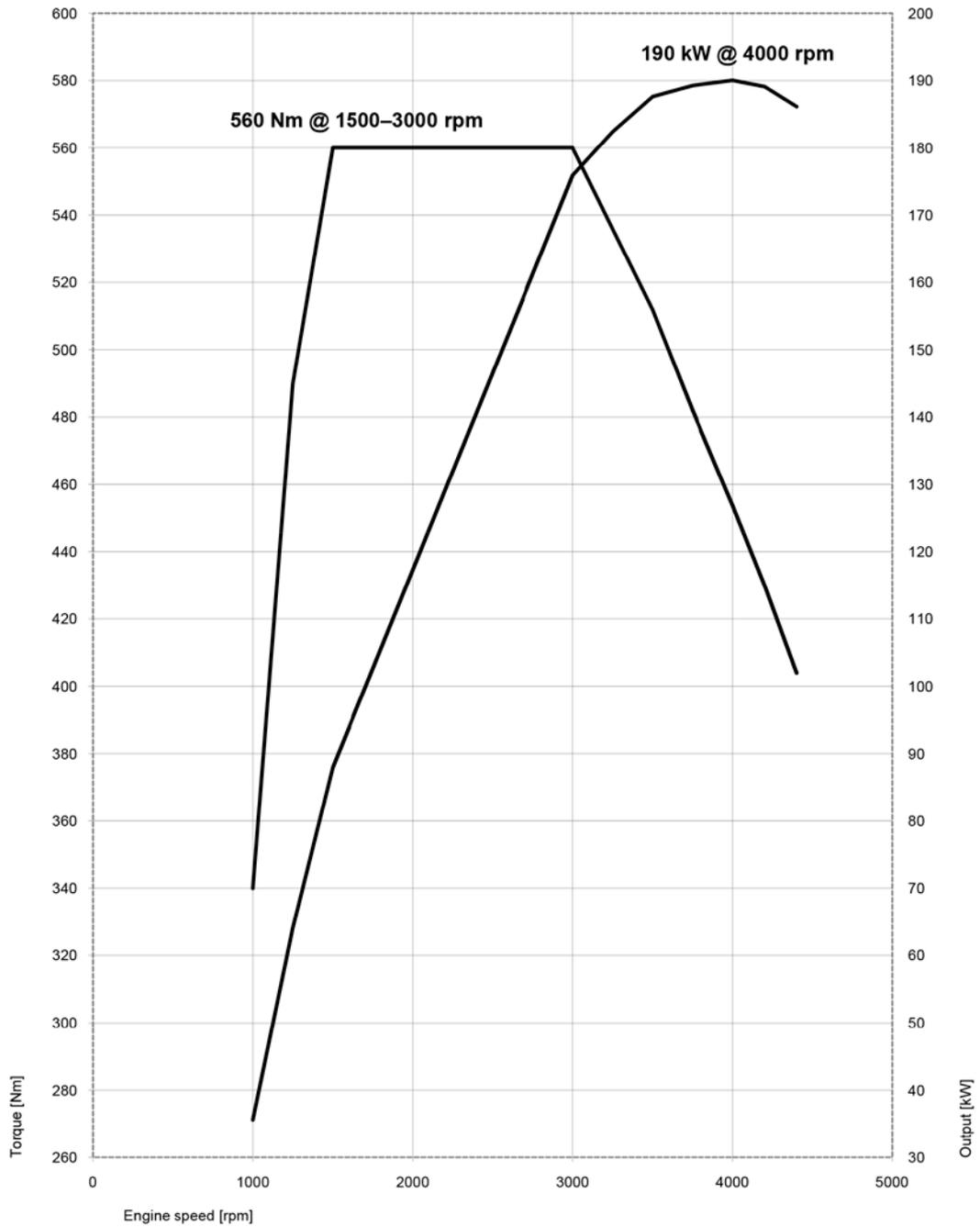
# The new BMW X4. xDrive35i.



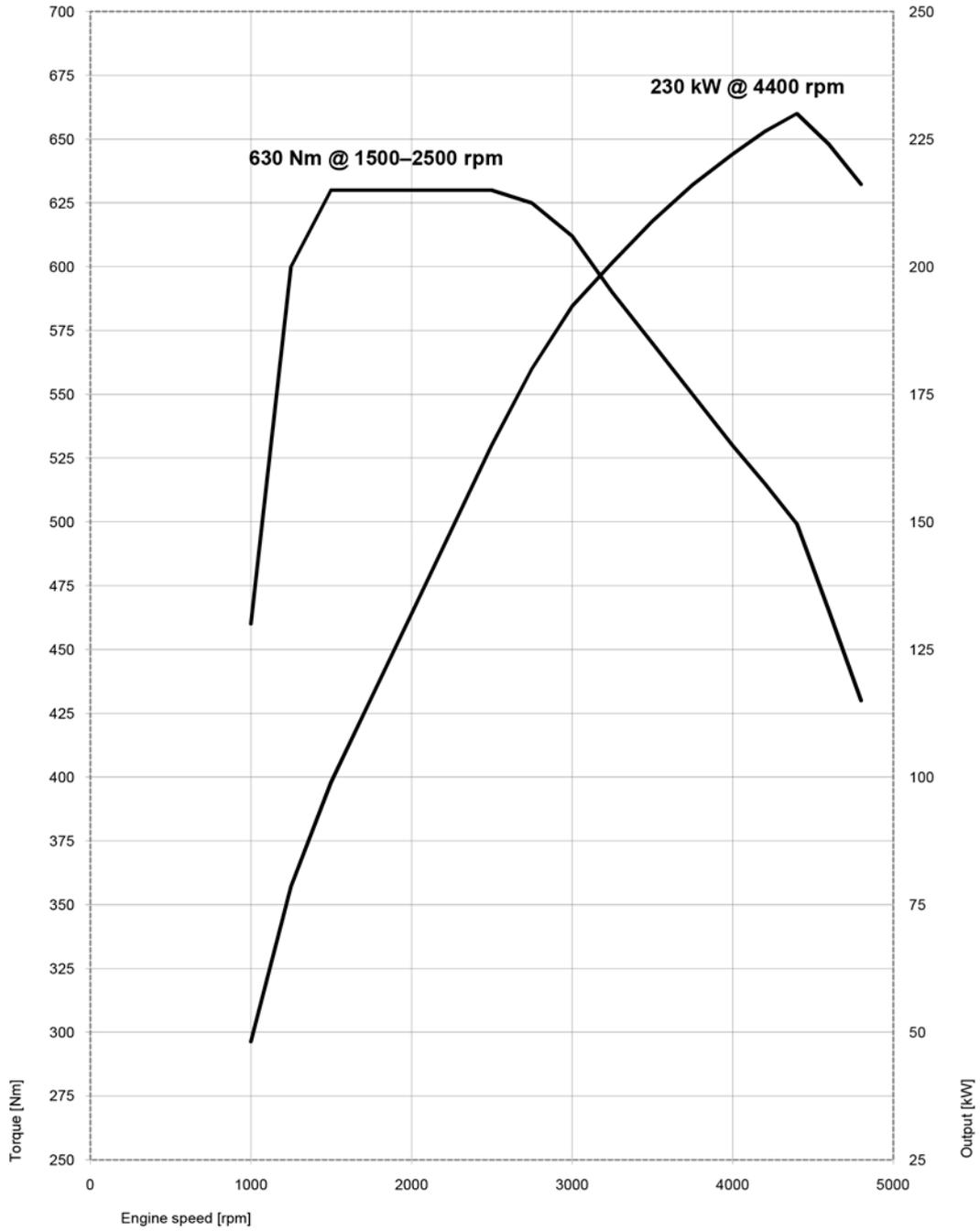
# The new BMW X4. xDrive20d.



# The new BMW X4. xDrive30d.



# The new BMW X4. xDrive35d.



## 7. Exterior and interior dimensions.

