

# Specifications.

## The all-new BMW X4.

### X4 xDrive20i, X4 xDrive30i.



		BMW X4 xDrive20i	BMW X4 xDrive30i
<b>Body</b>			
No of doors/seats		5 / 5	5 / 5
Length/width/height <sup>1)</sup> (unladen)	mm	4752 / 1918 / 1621	4752 / 1918 / 1621
Wheelbase	mm	2864	2864
Track, front/rear	mm	1620 / 1666	1620 / 1666
Ground clearance	mm	204	204
Fording depth	mm	500	500
Turning circle	m	12.1	12.1
Fuel tank capacity	approx. l	65	65
Engine oil <sup>2)</sup>	l	5.25	5.25
Weight, unladen, to DIN/EU	kg	1720 / 1795	1720 / 1795
Max load to DIN	kg	680	680
Max permissible weight	kg	2400	2400
Max axle load, front/rear	kg	1135 / 1370	1135 / 1370
Max trailer load, braked (12%)/unbraked	kg	2000 / 750	2000 / 750
Max roofload/max towbar download	kg	100 / 100	100 / 100
Luggage comp capacity	l	525 – 1430	525 – 1430
Air resistance	Cd x A	0.30 x 2.59	0.30 x 2.59
<b>Power Unit</b>			
Config/No of cyls/valves		In-line / 4 / 4	In-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: TwinScroll turbocharger, High Precision Direct Injection, VALVETRONIC fully variable valve control, Double-VANOS variable camshaft timing	
Effective capacity	cc	1998	1998
Stroke/bore	mm	94.6 / 82.0	94.6 / 82.0
Compression ratio	:1	11.0	10.2
Fuel		min. RON 91	min. RON 91
Max output	kW/hp	135 / 184	185 / 252
at	rpm	5000 – 6500	5200 – 6500
Max torque	Nm	290	350
at	rpm	1350 – 4250	1450 – 4800
<b>Electrical System</b>			
Battery/installation	Ah/-	92 / Luggage compartment	92 / Luggage compartment
<b>Driving Dynamics and Safety</b>			
Suspension, front		Aluminium double-joint spring strut axle	
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 networked with xDrive all-wheel-drive system, Hill Descent Control, Performance Control; optional: Adaptive suspension	
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for front and rear seats, three-point inertia-reel seatbelts on all seats with belt stopper, belt latch tensioner and belt force limiter, crash sensors, tyre pressure indicator	
Steering		Electric Power Steering (EPS), variable sport steering	
Steering ratio, overall	:1	16.8	16.8
Tyres, front/rear		225/60 R18 104W XL	225/60 R18 104W XL
Rims, front/rear		7J x 18 light-alloy	7J x 18 light-alloy

		<b>BMW X4 xDrive20i</b>	<b>BMW X4 xDrive30i</b>
<b>Transmission</b>			
Type of transmission		8-speed Steptronic	8-speed Steptronic
Gear ratios	I :1	5.000	5.000
	II :1	3.200	3.200
	III :1	2.143	2.143
	IV :1	1.720	1.720
	V :1	1.314	1.314
	VI :1	1.000	1.000
	VII :1	0.822	0.822
	VIII :1	0.640	0.640
	R :1	3.456	3.456
Final drive	:1	3.385	3.385
<b>Performance</b>			
Power-to-weight ratio (DIN)	kg/kW	12.7	9.3
Output per litre	kW/l	67.6	92.6
Acceleration 0–100 km/h	s	8.3	6.3
In 5th gear 80–120 km/h	s	–	–
Top speed	km/h	215	240
<b>BMW EfficientDynamics</b>			
BMW EfficientDynamics standard features	Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function, BMW EfficientLightweight, optimised aerodynamic attributes, on-demand operation of ancillary units, map-regulated oil pump, efficiency- and weight-optimised all-wheel drive, differential and transfer case with optimised warm-up behaviour, tyres with reduced rolling resistance		
<b>Fuel Consumption ECE<sup>3)</sup></b>			
Urban	l/100 km	8.8 – 8.5	8.5 – 8.4
Extra-urban	l/100 km	6.5 – 6.3	6.7 – 6.4
Combined	l/100 km	7.3 – 7.1	7.3 – 7.2
CO <sub>2</sub>	g/km	168 – 163	168 – 164
Emission rating		EU6	EU6

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

<sup>1)</sup> Height including roof fin

<sup>2)</sup> Oil change

<sup>3)</sup> Fuel consumption and CO<sub>2</sub> emissions depend on the selected tyre format

# The all-new BMW X4. X4 xDrive20d, X4 xDrive25d.

		<b>BMW X4 xDrive20d</b>	<b>BMW X4 xDrive25d</b>
<b>Body</b>			
No of doors/seats		5 / 5	5 / 5
Length/width/height <sup>1)</sup> (unladen)	mm	4752 / 1918 / 1621	4752 / 1918 / 1621
Wheelbase	mm	2864	2864
Track, front/rear	mm	1620 / 1666	1620 / 1666
Ground clearance	mm	204	204
Fording depth	mm	500	500
Turning circle	m	12.1	12.1
Fuel tank capacity	approx. l	60	60
Engine oil <sup>2)</sup>	l	5.0	5.0
Weight, unladen, to DIN/EU	kg	1740 / 1815	1755 / 1830
Max load to DIN	kg	640	640
Max permissible weight	kg	2400	2420
Max axle load, front/rear	kg	1160 / 1395	1145 / 1400
Max trailer load, braked (12%/unbraked)	kg	2000 / 750	2000 / 750
Max roofload/max towbar download	kg	100 / 100	100 / 100
Luggage comp capacity	l	525 – 1430	525 – 1430
Air resistance	Cd x A	0.30 x 2.59	0.30 x 2.59
<b>Power Unit</b>			
Config/No of cyls/valves		In-line / 4 / 4	In-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: turbocharger with variable inlet geometry, common-rail direct injection with solenoid valve injectors (max. injection pressure: 2000 bar)	BMW TwinPower Turbo technology: multi-stage turbocharging, high- pressure and low-pressure turbochargers with variable inlet geometry, common-rail direct injection with solenoid valve injectors (max. injection pressure: 2500 bar)
Effective capacity	cc	1995	1995
Stroke/bore	mm	90.0 / 84.0	90.0 / 84.0
Compression ratio	:1	16.5	16.5
Fuel		Diesel	Diesel
Max output	kW/hp	140 / 190	170 / 231
at	rpm	4000	4400
Max torque	Nm	400	500
at	rpm	1750 – 2500	2000
<b>Electrical System</b>			
Battery/installation	Ah/-	92 / Luggage compartment	92 / Luggage compartment
<b>Driving Dynamics and Safety</b>			
Suspension, front		Aluminium double-joint spring strut axle	
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 networked with xDrive all-wheel-drive system, Hill Descent Control, Performance Control; optional: Adaptive suspension	
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for front and rear seats, three-point inertia-reel seatbelts on all seats with belt stopper, belt latch tensioner and belt force limiter, crash sensors, tyre pressure indicator	
Steering		Electric Power Steering (EPS), variable sport steering	
Steering ratio, overall	:1	16.8	16.8
Tyres, front/rear		225/60 R18 104W XL	225/60 R18 104W XL
Rims, front/rear		7J x 18 light-alloy	7J x 18 light-alloy

		<b>BMW X4 xDrive20d</b>	<b>BMW X4 xDrive25d</b>
<b>Transmission</b>			
Type of transmission		8-speed Steptronic	8-speed Steptronic
Gear ratios	I :1	5.000	5.000
	II :1	3.200	3.200
	III :1	2.143	2.143
	IV :1	1.720	1.720
	V :1	1.314	1.314
	VI :1	1.000	1.000
	VII :1	0.822	0.822
	VIII :1	0.640	0.640
	R :1	3.456	3.456
Final drive	:1	3.231	3.231
<b>Performance</b>			
Power-to-weight ratio (DIN)	kg/kW	12.4	10.3
Output per litre	kW/l	70.2	85.2
Acceleration 0–100 km/h	s	8.0	6.8
In 5th gear 80–120 km/h	s	–	–
Top speed	km/h	213	230
<b>BMW EfficientDynamics</b>			
BMW EfficientDynamics standard features	Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function, BMW EfficientLightweight, optimised aerodynamic attributes, on-demand operation of ancillary units, map-regulated oil pump, efficiency- and weight-optimised all-wheel drive, differential and transfer case with optimised warm-up behaviour, tyres with reduced rolling resistance, BMW BluePerformance technology		
<b>Fuel Consumption ECE<sup>3)</sup></b>			
Urban	l/100 km	6.3 – 5.9	6.3 – 6.2
Extra-urban	l/100 km	5.3 – 5.1	5.3 – 5.1
Combined	l/100 km	5.6 – 5.4	5.7 – 5.5
CO <sub>2</sub>	g/km	149 – 142	149 – 145
Emission rating		EU6	EU6

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

<sup>1)</sup> Height including roof fin

<sup>2)</sup> Oil change

<sup>3)</sup> Fuel consumption and CO<sub>2</sub> emissions depend on the selected tyre format

# The all-new BMW X4. X4 M40d.

<b>BMW X4 M40d</b>		
<b>Body</b>		
No of doors/seats		5 / 5
Length/width/height <sup>1)</sup> (unladen)	mm	4752 / 1938 / 1621
Wheelbase	mm	2864
Track, front/rear	mm	1615 / 1624
Ground clearance	mm	204
Fording depth	mm	500
Turning circle	m	12.1
Fuel tank capacity	approx. l	68
Engine oil <sup>2)</sup>	l	6.5
Weight, unladen, to DIN/EU	kg	1895 / 1970
Max load to DIN	kg	600
Max permissible weight	kg	2525
Max axle load, front/rear	kg	1220 / 1425
Max trailer load, braked (12%)unbraked	kg	2000 / 750
Max roofload/max towbar download	kg	100 / 100
Luggage comp capacity	l	525 – 1430
Air resistance	Cd x A	0.32 x 2.59
<b>Power Unit</b>		
Config/No of cyls/valves		In-line / 6 / 4
Engine technology		BMW TwinPower Turbo technology: multi-stage charging, high-pressure and low-pressure turbochargers with variable inlet geometry, common-rail direct injection with piezo injectors (max. injection pressure: 2500 bar)
Effective capacity	cc	2993
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel		Diesel
Max output	kW/hp	240 / 326
at	rpm	4400
Max torque	Nm	680
at	rpm	1750 – 2750
<b>Electrical System</b>		
Battery/installation	Ah/-	92 / Luggage compartment
<b>Driving Dynamics and Safety</b>		
Suspension, front		Aluminium double-joint spring strut axle
Suspension, rear		Five-link axle in lightweight steel construction
Brakes, front		Four-piston fixed-calliper disc brakes / vented
Brakes, rear		Two-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 networked with xDrive all-wheel-drive system, Hill Descent Control, Performance Control, M Sport differential; optional: Adaptive M suspension
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for front and rear seats, three-point inertia-reel seatbelts on all seats with belt stopper, belt latch tensioner and belt force limiter, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS), variable sport steering
Steering ratio, overall	:1	16.8
Tyres, front/rear		245/45 R20 103W XL / 275/40 R20 106W XL
Rims, front/rear		8J x 20 light-alloy / 9.5J x 20 light-alloy

**BMW X4 M40d**

**Transmission**

Type of transmission	8-speed Steptronic		
Gear ratios	I	:1	5.000
	II	:1	3.200
	III	:1	2.143
	IV	:1	1.720
	V	:1	1.313
	VI	:1	1.000
	VII	:1	0.823
	VIII	:1	0.640
	R	:1	3.478
Final drive		:1	2.813

**Performance**

Power-to-weight ratio (DIN)	kg/kW	7.9
Output per litre	kW/l	80.2
Acceleration 0–100 km/h	s	4.9
In 5th gear 80–120 km/h	s	–
Top speed	km/h	250

**BMW EfficientDynamics**

BMW EfficientDynamics standard features	Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function, BMW EfficientLightweight, optimised aerodynamic attributes, on-demand operation of ancillary units, map-regulated oil pump, efficiency- and weight-optimised all-wheel drive, differential and transfer case with optimised warm-up behaviour, tyres with reduced rolling resistance, BMW BluePerformance technology
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**Fuel Consumption ECE <sup>3)</sup>**

Urban	l/100 km	7.3 – 7.2
Extra-urban	l/100 km	6.3 – 5.9
Combined	l/100 km	6.6 – 6.4
CO <sub>2</sub>	g/km	173 – 170
Emission rating		EU6

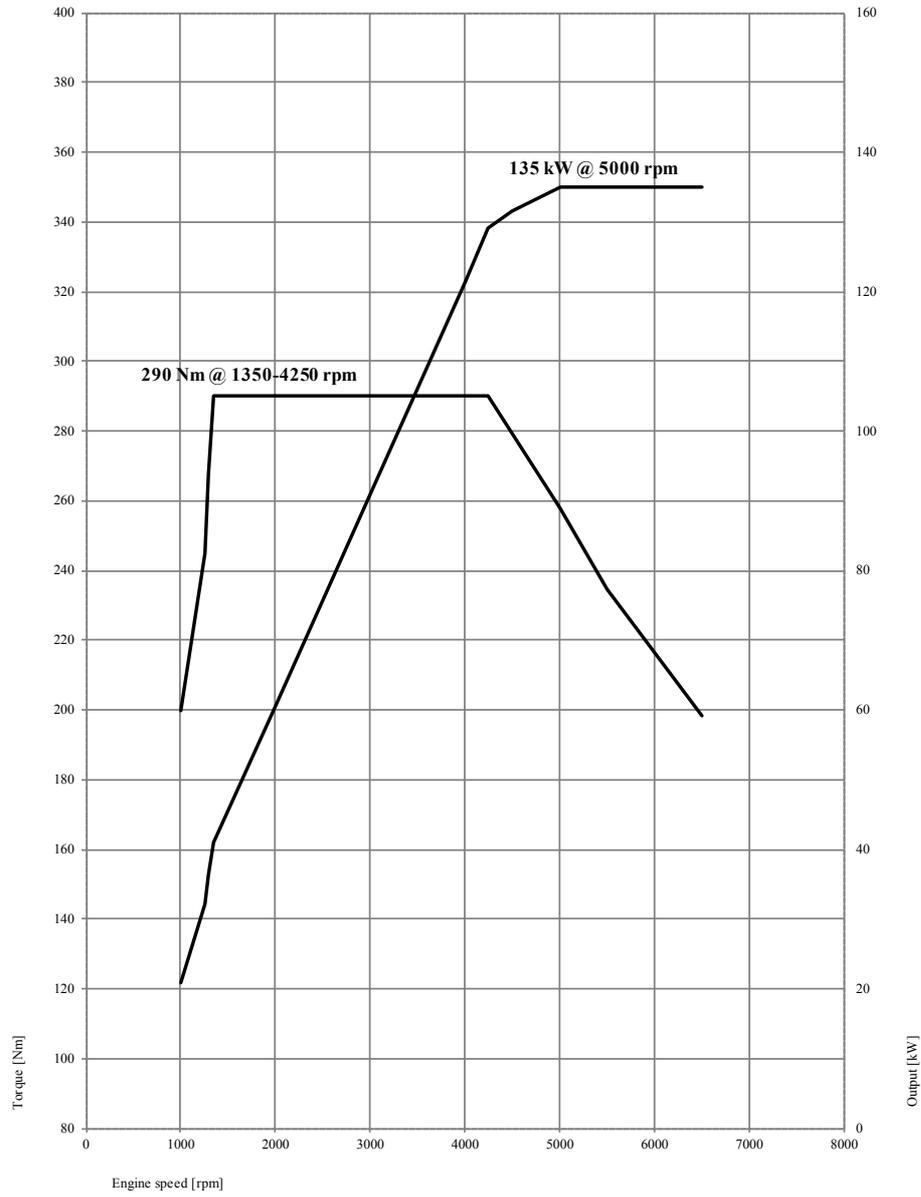
Specifications apply to ACEA markets/data relevant to homologation apply in part only to Germany (weight)

<sup>1)</sup> Height including roof fin

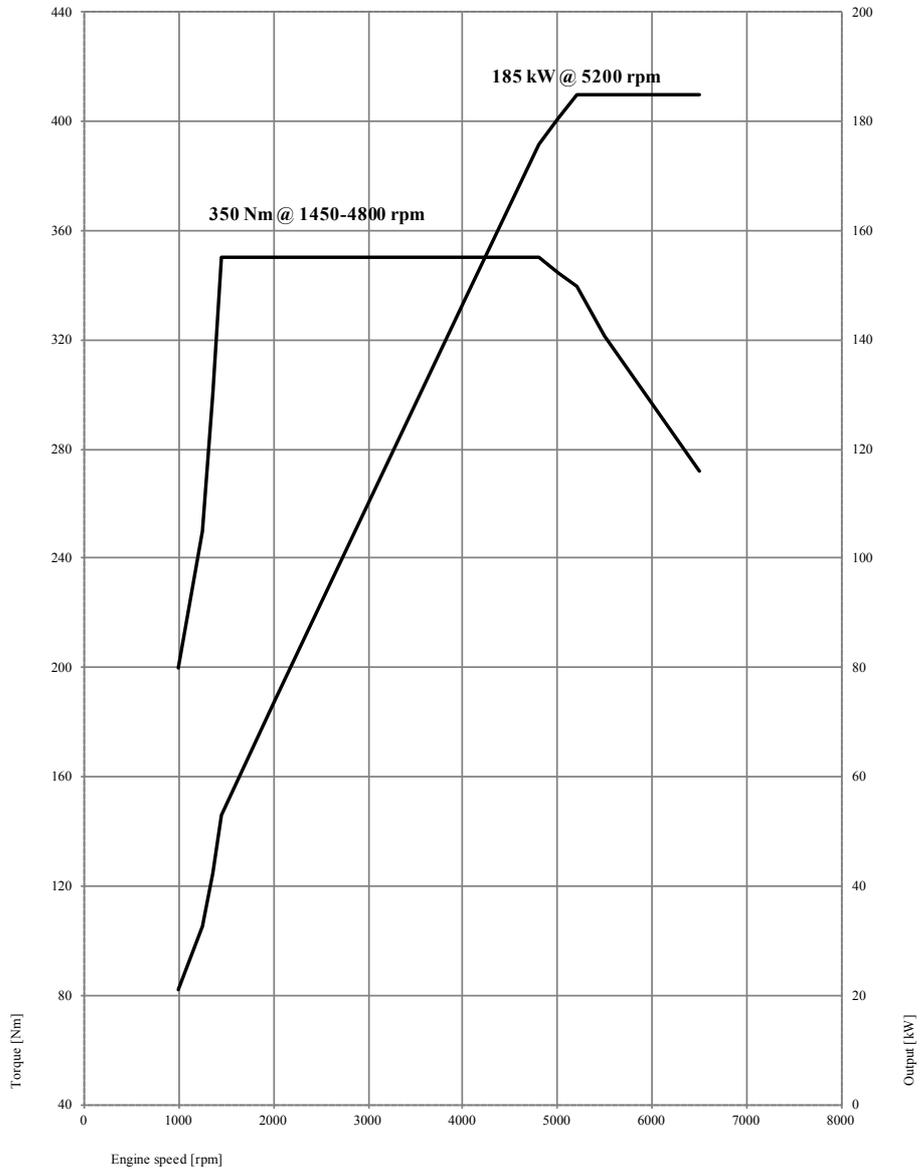
<sup>2)</sup> Oil change

<sup>3)</sup> Fuel consumption and CO<sub>2</sub> emissions depend on the selected tyre format

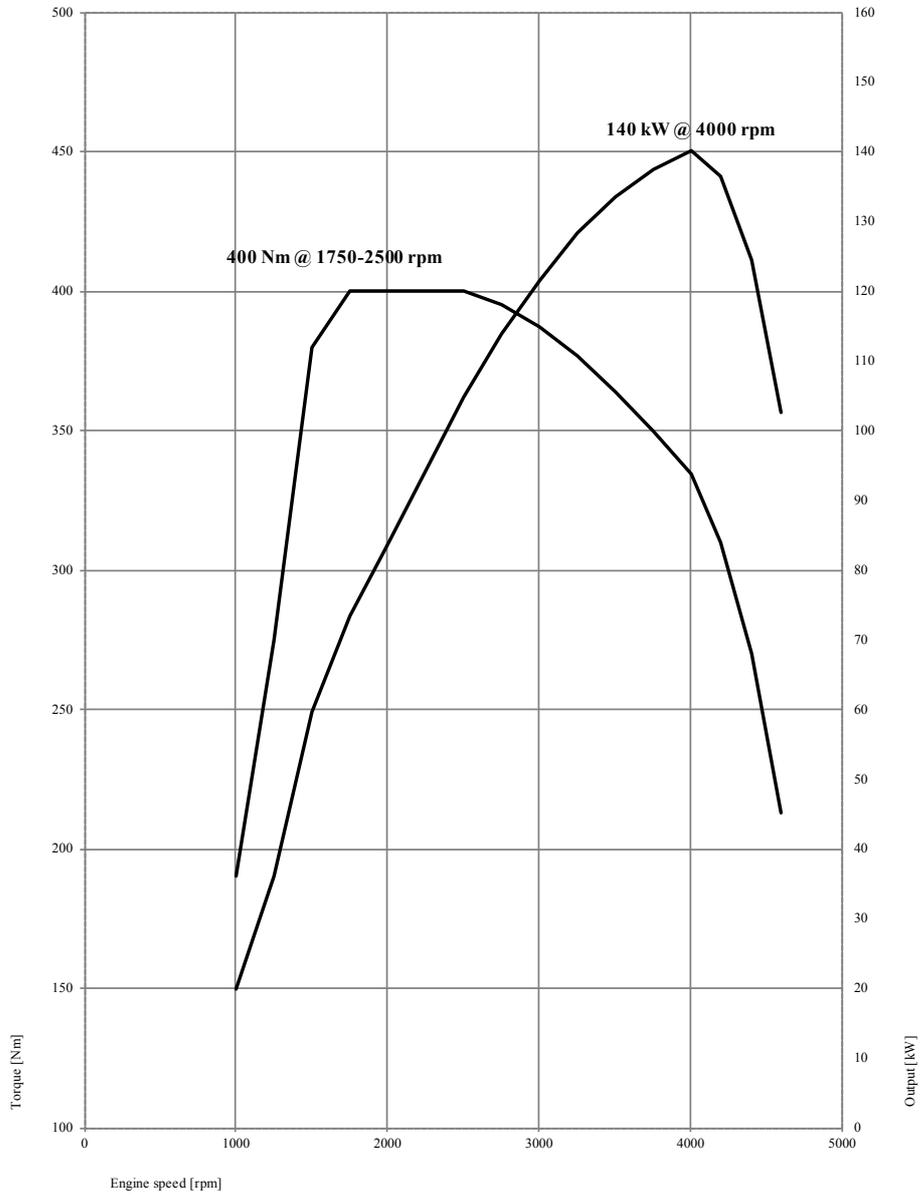
# Output and torque diagrams. The all-new BMW X4. X4 xDrive20i.



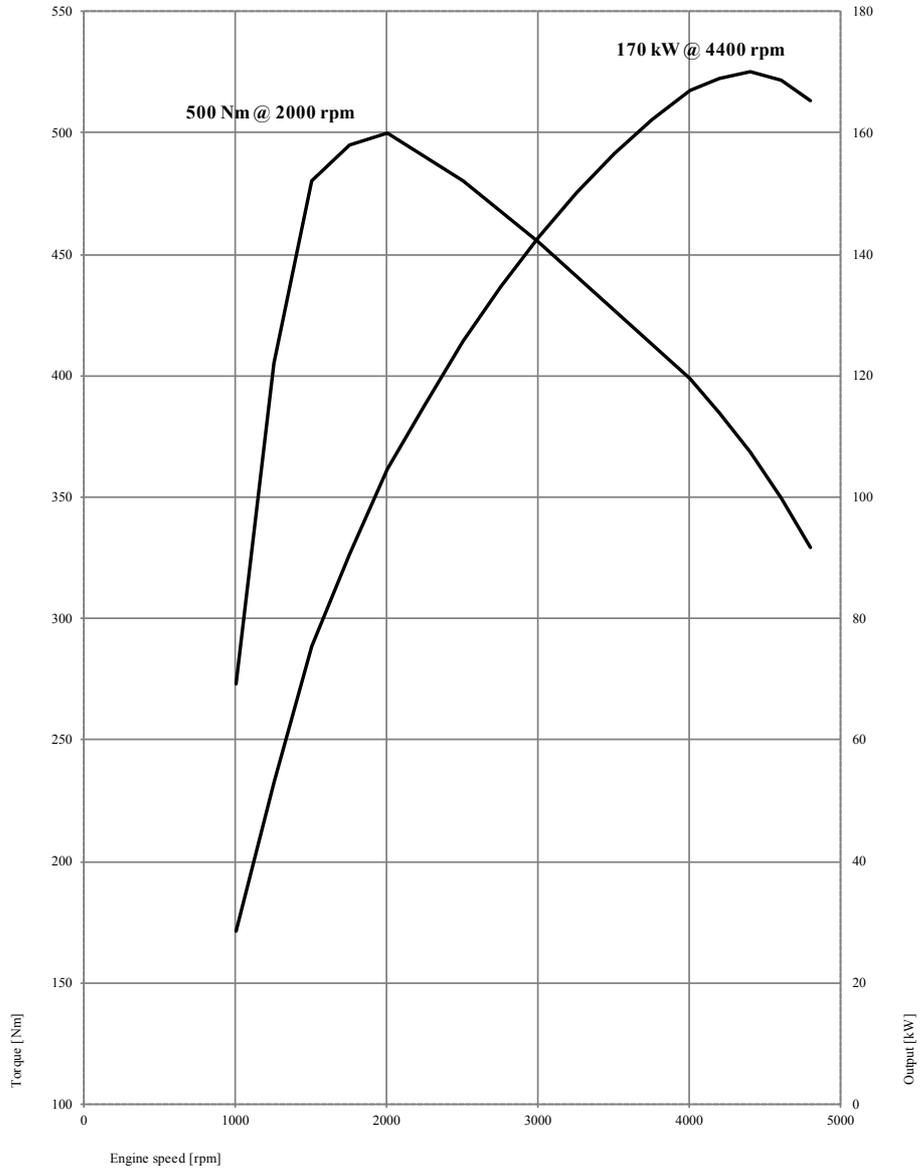
# The all-new BMW X4. X4 xDrive30i.



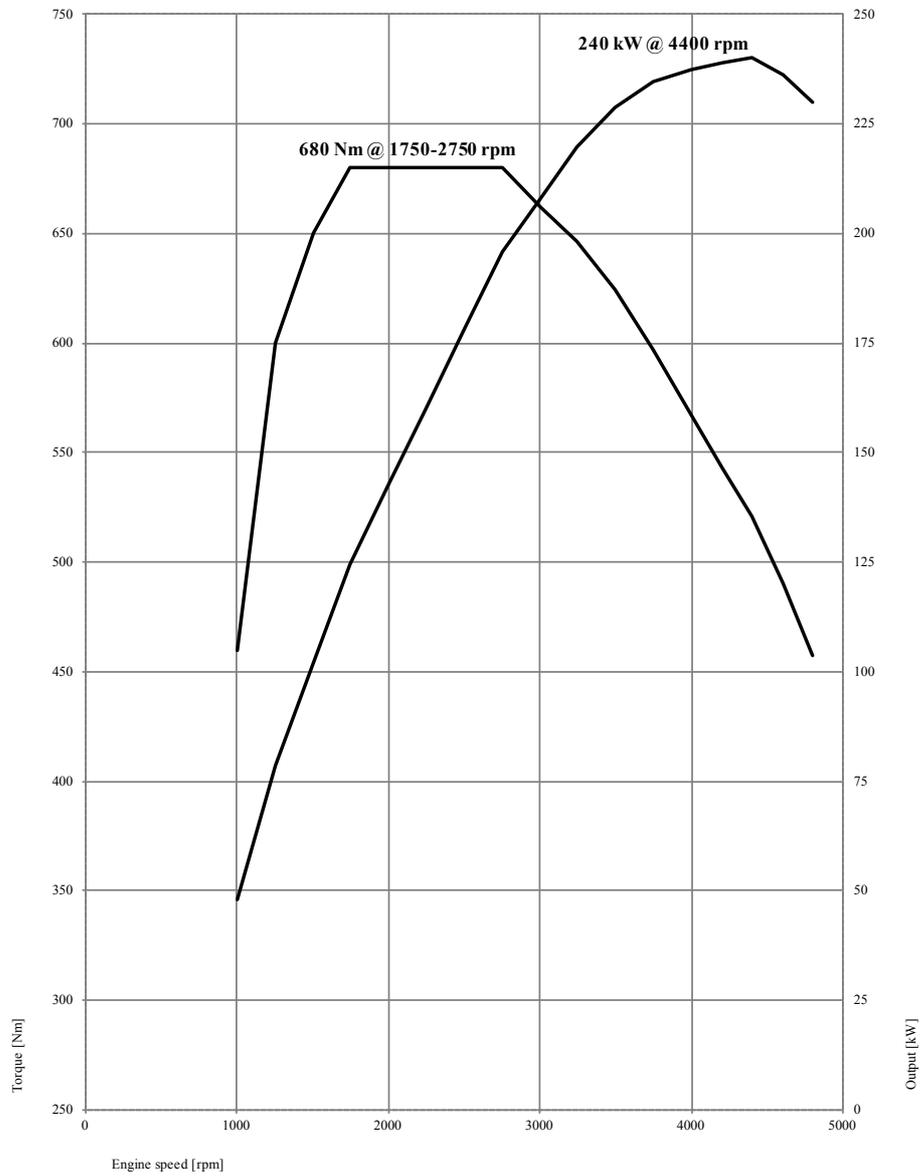
# The all-new BMW X4. X4 xDrive20d.



# The all-new BMW X4. X4 xDrive25d.



# The all-new BMW X4. X4 M40d.



# Exterior and interior dimensions. The all-new BMW X4.

