

# Specifications.

## BMW X6. X6 M50i.



BMW X6 M50i		
<b>Body</b>		
No of doors/seats		5 / 5
Length/width/height (unladen)	mm	4935 / 2004 / 1696
Wheelbase	mm	2975
Track, front/rear	mm	1684 / 1689
Ground clearance	mm	216
Turning circle	m	12.6
Fuel tank capacity	approx. l	83
Engine oil <sup>1)</sup>	l	10.5
Weight, unladen, to DIN/EU	kg	2235 / 2310
Max load to DIN	kg	740
Max permissible weight	kg	2975
Max axle load, front/rear	kg	1430 / 1620
Max trailer load, braked (12%/unbraked)	kg	3500 / 750
Max roofload/max towbar download	kg	100 / 140
Luggage comp capacity	l	580 – 1530
Air resistance	$c_d \times A$	0.34 x 2.83
<b>Power Unit</b>		
Config/No of cyls/valves		V / 8 / 4
Engine technology		M Performance TwinPower Turbo technology: twin-scroll turbocharger, High Precision Injection, VALVETRONIC fully variable valve timing, Double-VANOS variable camshaft timing
Effective capacity	cc	4395
Stroke/bore	mm	88.3 / 89.0
Compression ratio	:1	10.5
Fuel		min RON 95
Max output	kW/hp	390 / 530
at	rpm	5500 – 6000
Max torque	Nm	750
at	rpm	1800 – 4600
<b>Electrical System</b>		
Battery/installation	Ah/-	105 / luggage compartment
<b>Driving Dynamics and Safety</b>		
Suspension, front		Double-wishbone axle in aluminium construction; optional: air suspension with automatic self-levelling
Suspension, rear		Five-link axle in lightweight steel construction; optional: air suspension with automatic self-levelling
Brakes, front		Vented disc brakes, with single-piston fixed callipers
Brakes, rear		Vented disc brakes, with single-piston floating callipers
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, ADB-X (Adaptive Differential Brake), HDC (Hill Descent Control), Dynamic Damper Control; optional: active roll stabilisation, electronically controlled rear differential lock
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 in the front, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS); optional: Integral Active Steering
Steering ratio, overall	:1	16.4/18.7
Tyres, front/rear		275/40 R21 107Y XL/ 315/35 R21 111Y XL
Rims, front/rear		9.5J x 21 light-alloy/ 10.5J x 21 light-alloy

<b>BMW X6 M50i</b>			
<b>Transmission</b>			
Type of transmission	Eight-speed Steptronic transmission		
Gear ratios	I	:1	5.500
	II	:1	3.520
	III	:1	2.200
	IV	:1	1.720
	V	:1	1.317
	VI	:1	1.000
	VII	:1	0.823
	VIII	:1	0.640
	R	:1	3.993
Final drive		:1	3.154
<b>Performance</b>			
Power-to-weight ratio (DIN)	kg/kW		5.7
Output per litre	kW/l		88.7
Acceleration 0–100 km/h	s		4.3
Top speed	km/h		250
<b>Off-road characteristics</b>			
Angle of approach/departure			25.1/21.7
Breakover angle			17.9
Ground clearance when unladen	mm		216
Fording depth (at 7 km/h)	mm		500
<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 aerodynamics, 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</b>			
Urban	l/100 km		14.2 – 13.7
Extra-urban	l/100 km		8.5 – 8.5
Combined	l/100 km		10.7 – 10.4
CO <sub>2</sub>	g/km		243 – 237
Emission rating			Euro 6d-TEMP

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

<sup>1)</sup> Oil change

The fuel consumption, CO<sub>2</sub> emissions and electric power consumption figures are determined according to the European Regulation (EC) 715/2007 in the version applicable. The figures refer to a vehicle with basic configuration in Germany. The range shown considers the different sizes of the selected wheels/tyres and the selected items of optional equipment, and may vary during configuration.

The values are based on the new WLTP test cycle and are translated back into NEDC-equivalent values in order to ensure comparability between the vehicles. With respect to these vehicles, for vehicle-related taxes or other duties based (at least inter alia) on CO<sub>2</sub> emissions, the CO<sub>2</sub> values may differ from the values stated here (depending on national legislation).

Further information on official fuel consumption figures and specific CO<sub>2</sub> emission values of new passenger cars is included in the following guideline: 'Leitfaden über den Kraftstoffverbrauch, die CO<sub>2</sub>-Emissionen und den Stromverbrauch neuer Personenkraftwagen' (Guide to the fuel economy, CO<sub>2</sub> emissions and electric power consumption of new passenger cars), which can be obtained free of charge from all dealerships, from Deutsche Automobil Treuhand GmbH (DAT), Hellmuth-Hirth-Str. 1, 73760 Ostfildern-Scharnhausen and at <https://www.dat.de/co2/>.

# BMW X6. X6 xDrive40i.

<b>BMW X6 xDrive40i</b>		
<b>Body</b>		
No of doors/seats		5 / 5
Length/width/height (unladen)	mm	4935 / 2004 / 1696
Wheelbase	mm	2975
Track, front/rear	mm	1678 / 1688
Ground clearance	mm	216
Turning circle	m	12.6
Fuel tank capacity	approx. l	83
Engine oil <sup>1)</sup>	l	6.5
Weight, unladen, to DIN/EU	kg	2055 / 2310
Max load to DIN	kg	745
Max permissible weight	kg	2800
Max axle load, front/rear	kg	1280/ 1580
Max trailer load, braked (12%/unbraked)	kg	3500 / 750
Max roofload/max towbar download	kg	100 / 140
Luggage comp capacity	l	580 – 1530
Air resistance	c <sub>d</sub> x A	0.32 x 2.83
<b>Power Unit</b>		
Config/No of cyls/valves		In-line / 6 / 4
Engine technology		BMW TwinPower Turbo technology: two twin-scroll turbochargers, High Precision Injection, VALVETRONIC fully variable valve timing, Double-VANOS variable camshaft timing
Effective capacity	cc	2998
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	11.0
Fuel		min RON 91
Max output	kW/hp	250 / 340
at	rpm	5500 – 6500
Max torque	Nm	450
at	rpm	1500 – 5200
<b>Electrical System</b>		
Battery/installation	Ah/-	105 / luggage compartment
<b>Driving Dynamics and Safety</b>		
Suspension, front		Double-wishbone axle in aluminium construction; optional: air suspension with automatic self-levelling
Suspension, rear		Five-link axle in lightweight steel construction; optional: air suspension with automatic self-levelling
Brakes, front		Vented disc brakes, with single-piston fixed callipers
Brakes, rear		Vented disc brakes, with single-piston floating callipers
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, ADB-X (Adaptive Differential Brake), HDC (Hill Descent Control), Dynamic Damper Control; optional: active roll stabilisation, electronically controlled rear differential lock
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 in the front, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS); optional: Integral Active Steering
Steering ratio, overall	:1	16.4/18.7
Tyres, front/rear		265/50 R19 110W XL
Rims, front/rear		9x19 light-alloy

<b>BMW X6 xDrive40i</b>			
<b>Transmission</b>			
Type of transmission	Eight-speed Steptronic transmission		
Gear ratios	I	:1	5.250
	II	:1	3.360
	III	:1	2.172
	IV	:1	1.720
	V	:1	1.316
	VI	:1	1.000
	VII	:1	0.822
	VIII	:1	0.640
	R	:1	3.712
Final drive		:1	3.385
<b>Performance</b>			
Power-to-weight ratio (DIN)	kg/kW		8.2
Output per litre	kW/l		83.4
Acceleration 0–100 km/h	s		5.5
Top speed	km/h		250
<b>Off-road characteristics</b>			
Angle of approach/departure			25.1/21.7
Breakover angle			17.9
Ground clearance when unladen	mm		216
Fording depth (at 7 km/h)	mm		500
<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 aerodynamics, 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</b>			
Urban	l/100 km		10.1 – 9.6
Extra-urban	l/100 km		7.8 – 7.0
Combined	l/100 km		8.6 – 8.0
CO <sub>2</sub>	g/km		197 – 181
Emission rating			Euro 6d-TEMP

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

<sup>1)</sup> Oil change

The fuel consumption, CO<sub>2</sub> emissions and electric power consumption figures are determined according to the European Regulation (EC) 715/2007 in the version applicable. The figures refer to a vehicle with basic configuration in Germany. The range shown considers the different sizes of the selected wheels/tyres and the selected items of optional equipment, and may vary during configuration.

The values are based on the new WLTP test cycle and are translated back into NEDC-equivalent values in order to ensure comparability between the vehicles. With respect to these vehicles, for vehicle-related taxes or other duties based (at least inter alia) on CO<sub>2</sub> emissions, the CO<sub>2</sub> values may differ from the values stated here (depending on national legislation).

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# BMW X6. X6 M50d.

<b>BMW X6 M50d</b>		
<b>Body</b>		
No of doors/seats		5 / 5
Length/width/height (unladen)	mm	4935 / 2004 / 1696
Wheelbase	mm	2975
Track, front/rear	mm	1684 / 1689
Ground clearance	mm	216
Turning circle	m	12,6
Fuel tank capacity	approx. l	80
Engine oil <sup>1)</sup>	l	6,5
Weight, unladen, to DIN/EU	kg	2260 / 2335
Max load to DIN	kg	750
Max permissible weight	kg	3010
Max axle load, front/rear	kg	1395 / 1670
Max trailer load, braked (12%/unbraked)	kg	3500 / 750
Max roofload/max towbar download	kg	100 / 140
Luggage comp capacity	l	580 – 1530
Air resistance	c <sub>d</sub> x A	0.36 x 2.83
<b>Power Unit</b>		
Config/No of cyls/valves		In-line / 6 / 4
Engine technology		M Performance TwinPower Turbo technology: multi-stage turbocharging with four turbochargers (two turbochargers for the high-pressure stage and two for the low-pressure stage), high-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	16.0
Fuel		Diesel
Max output	kW/hp	294 / 400
at	rpm	4400
Max torque	Nm	760
at	rpm	2000 – 3000
<b>Electrical System</b>		
Battery/installation	Ah/-	105 / luggage compartment
<b>Driving Dynamics and Safety</b>		
Suspension, front		Double-wishbone axle in aluminium construction; optional: air suspension with automatic self-levelling
Suspension, rear		Five-link axle in lightweight steel construction; optional: air suspension with automatic self-levelling
Brakes, front		Vented disc brakes, with single-piston fixed callipers
Brakes, rear		Vented disc brakes, with single-piston floating callipers
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, ADB-X (Adaptive Differential Brake), HDC (Hill Descent Control), Dynamic Damper Control; optional: active roll stabilisation, electronically controlled rear differential lock
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 in the front, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS); optional: Integral Active Steering
Steering ratio, overall	:1	16.4/18.7
Tyres, front/rear		275/40 R21 107Y XL/ 315/35 R21 111Y XL
Rims, front/rear		9.5J x 21 light-alloy/ 10.5J x 21 light-alloy

**BMW X6 M50d**

**Transmission**

Type of transmission	Eight-speed Steptronic transmission		
Gear ratios	I	:1	5.500
	II	:1	3.520
	III	:1	2.200
	IV	:1	1.720
	V	:1	1.317
	VI	:1	1.000
	VII	:1	0.823
	VIII	:1	0.640
	R	:1	3.993
Final drive		:1	3.154

**Performance**

Power-to-weight ratio (DIN)	kg/kW	7.7
Output per litre	kW/l	98.2
Acceleration 0–100 km/h	s	5.2
Top speed	km/h	250

**Off-road characteristics**

Angle of approach/departure	25.1/21.7	
Breakover angle	17.9	
Ground clearance when unladen	mm	216
Fording depth (at 7 km/h)	mm	500

**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 aerodynamics, 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 Blue performance technology including SCR catalytic converter
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**Fuel Consumption ECE**

Urban	l/100 km	8.1 – 8.0
Extra-urban	l/100 km	6.8 – 6.3
Combined	l/100 km	7.2 – 6.9
CO <sub>2</sub>	g/km	190 – 181
Emission rating	Euro 6d-TEMP	

Specifications apply to ACEA markets/data relevant to homologation applies in part only to Germany (weight)  
All technical specifications are provisional

<sup>1)</sup> Oil change

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# BMW X6

## X6 xDrive30d.

<b>BMW X6 xDrive30d</b>		
<b>Body</b>		
No of doors/seats		5 / 5
Length/width/height (unladen)	mm	4935 / 2004 / 1696
Wheelbase	mm	2975
Track, front/rear	mm	1678 / 1688
Ground clearance	mm	216
Turning circle	m	12.6
Fuel tank capacity	approx. l	80
Engine oil <sup>1)</sup>	l	6.5
Weight, unladen, to DIN/EU	kg	2110 / 2185
Max load to DIN	kg	750
Max permissible weight	kg	2660
Max axle load, front/rear	kg	1320 / 1615
Max trailer load, braked (12%/unbraked)	kg	3500 / 750
Max roofload/max towbar download	kg	100 / 140
Luggage comp capacity	l	580 – 1530
Air resistance	$c_d \times A$	0.32 x 2.83
<b>Power Unit</b>		
Config/No of cyls/valves		In-line / 6 / 4
Engine technology		BMW TwinPower Turbo technology: turbocharging 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	195 / 265
at	rpm	4000
Max torque	Nm	620
at	rpm	2000 – 2500
<b>Electrical System</b>		
Battery/installation	Ah/-	105 / luggage compartment
<b>Driving Dynamics and Safety</b>		
Suspension, front		Double-wishbone axle in aluminium construction; optional: air suspension with automatic self-levelling
Suspension, rear		Five-link axle in lightweight steel construction; optional: air suspension with automatic self-levelling
Brakes, front		Vented disc brakes, with single-piston fixed callipers
Brakes, rear		Vented disc brakes, with single-piston floating callipers
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, ADB-X (Adaptive Differential Brake), HDC (Hill Descent Control), Dynamic Damper Control; optional: active roll stabilisation, electronically controlled rear differential lock
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 in the front, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS); optional: Integral Active Steering
Steering ratio, overall	:1	16.4/18.7
Tyres, front/rear		265/50 R19 110W XL
Rims, front/rear		9x19 light-alloy

<b>BMW X6 xDrive30d</b>			
<b>Transmission</b>			
Type of transmission	Eight-speed Steptronic transmission		
Gear ratios	I	:1	5.500
	II	:1	3.520
	III	:1	2.200
	IV	:1	1.720
	V	:1	1.317
	VI	:1	1.000
	VII	:1	0.823
	VIII	:1	0.640
	R	:1	3.993
Final drive		:1	2.929
<b>Performance</b>			
Power-to-weight ratio (DIN)	kg/kW		10.8
Output per litre	kW/l		65.2
Acceleration 0–100 km/h	s		6.5
Top speed	km/h		230
<b>Off-road characteristics</b>			
Angle of approach/departure			25.1/21.7
Breakover angle			17.9
Ground clearance when unladen	mm		216
Fording depth (at 7 km/h)	mm		500
<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 aerodynamics, on-demand operation of ancillary units, map-regulated oil pump, efficiency- and weight-optimised all-wheel drive, rear differential and transfer case with optimised warm-up behaviour, tyres with reduced rolling resistance, BMW Blue Performance technology including SCR catalytic converter		
<b>Fuel Consumption ECE</b>			
Urban	l/100 km		7.4 – 6.7
Extra-urban	l/100 km		6.1 – 5.7
Combined	l/100 km		6.6 – 6.1
CO <sub>2</sub>	g/km		172 – 159
Emission rating			Euro 6d-TEMP

Specifications apply to ACEA markets/data relevant to homologation applies in part only to Germany (weight)  
All technical specifications are provisional

<sup>1)</sup> Oil change

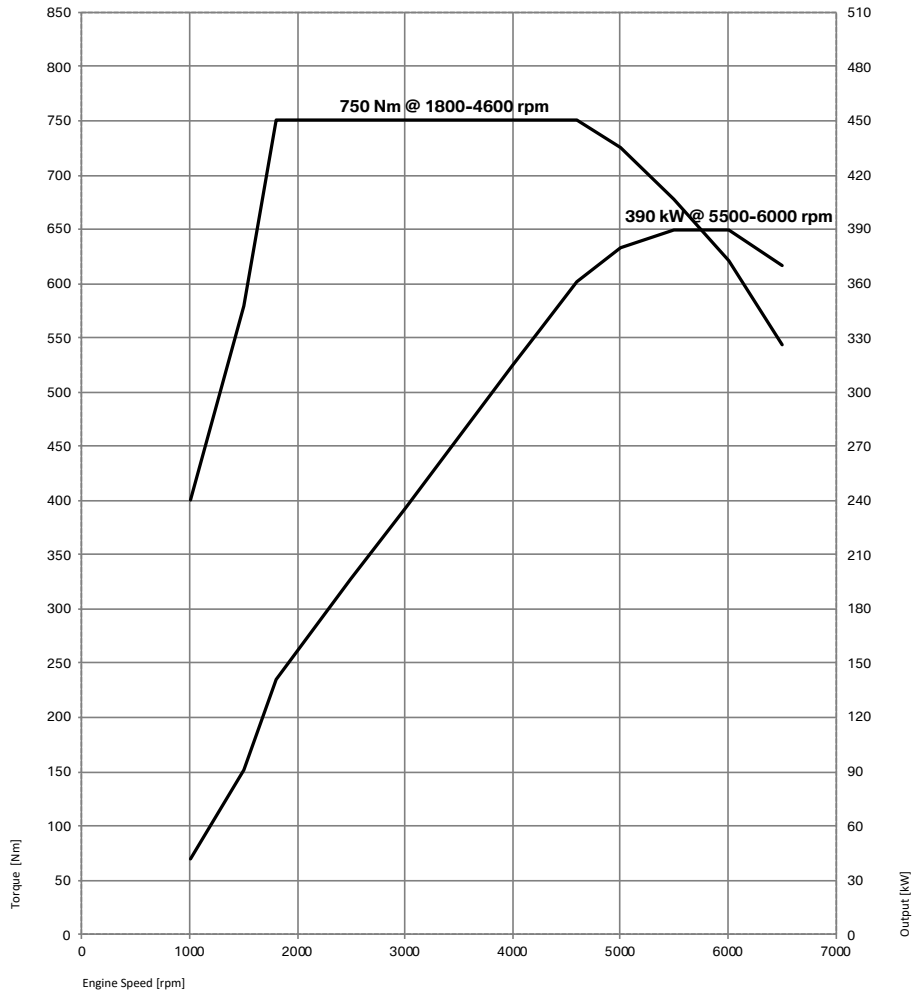
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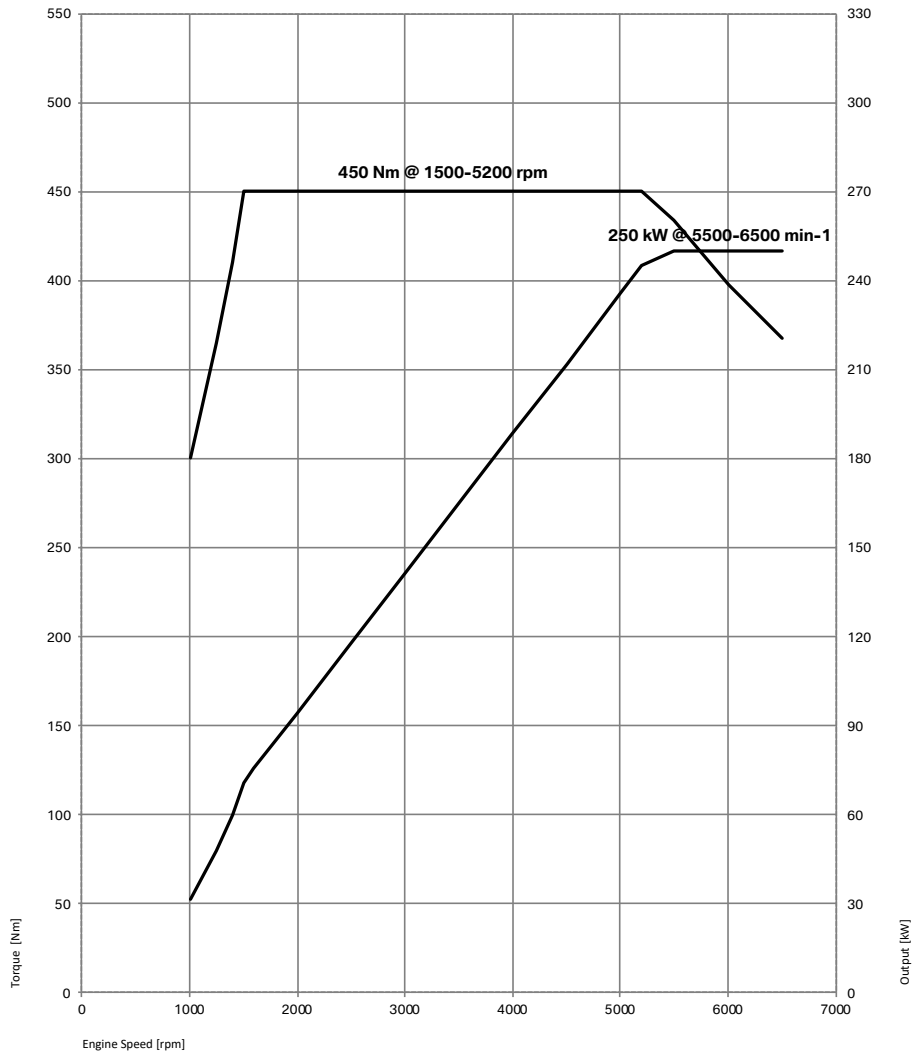
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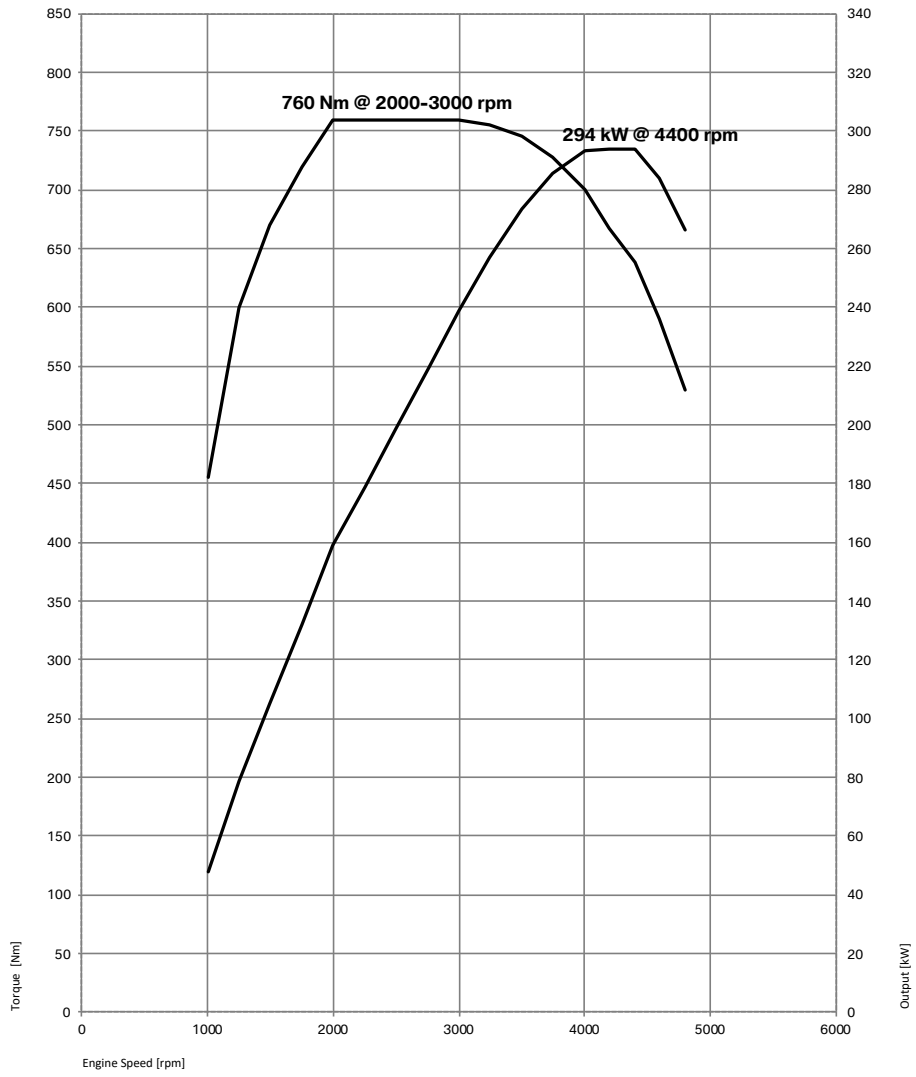
# Leistungs- und Drehmomentdiagramme. BMW X6. X6 M50i.



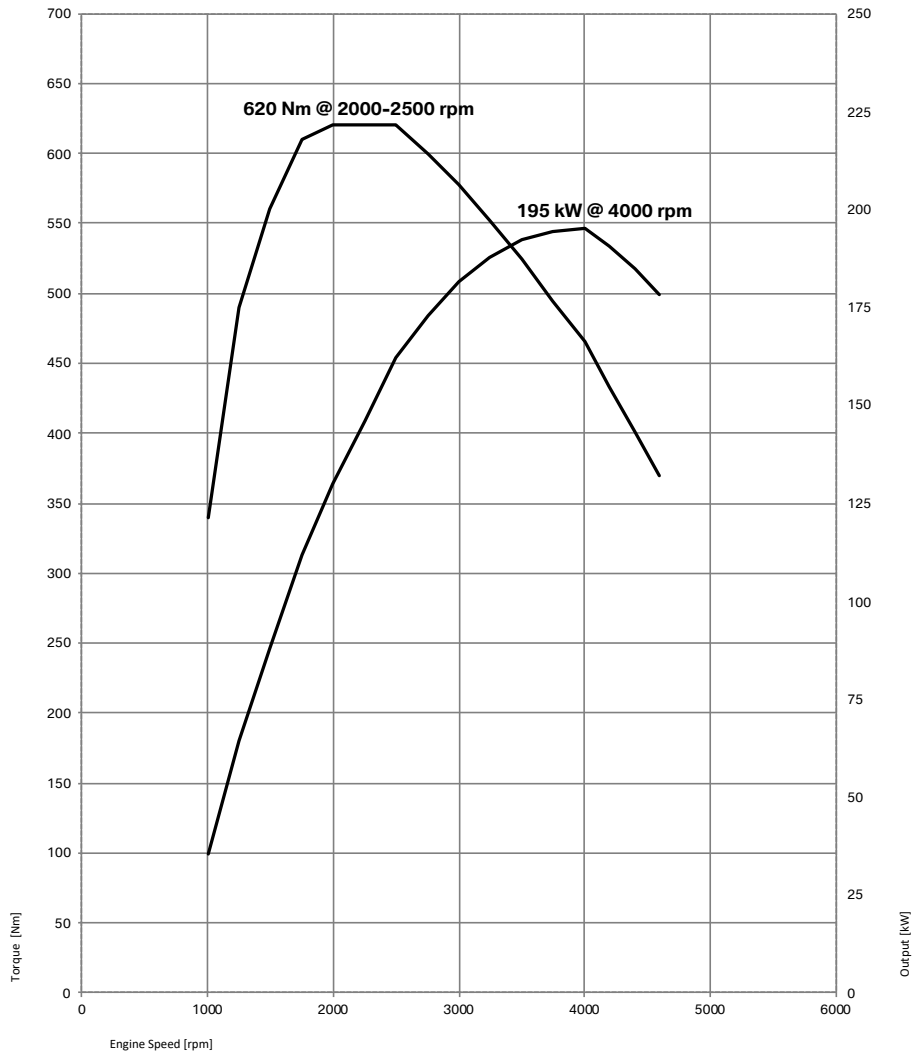
# BMW X6. X6 xDrive40i.



# BMW X6. X6 M50d.



# BMW X6. X6 xDrive30d.



# Exterior and interior dimensions. BMW X6.

