

# Specifications.

## BMW X6.

### X6 xDrive30d.



BMW X6 xDrive30d		
<b>Body</b>		
No of doors/seats		5 / 5
Length/width/height (unladen)	mm	4909 / 1989 / 1702
Wheelbase	mm	2933
Track, front/rear	mm	1640 / 1706
Turning circle	m	12.8
Fuel tank capacity	approx. l	85
Engine oil <sup>1)</sup>	l	6.5
Weight, unladen, to DIN/EU	kg	2065 / 2140
Max load to DIN	kg	715
Max permissible weight	kg	2780
Max axle load, front/rear	kg	1330 / 1540
Max trailer load, braked (12%/unbraked)	kg	3500 / 750
Max roofload/max towbar download	kg	100 / 140
Luggage comp capacity	l	550 – 1525
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: variable-geometry turbocharger, Common Rail direct injection with solenoid valve injectors (max. injection pressure: 1800 bar)
Effective capacity	cc	2993
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel		Diesel
Max output	kW/hp	190 / 258
at	rpm	4000
Max torque	Nm	560
at	rpm	1500 – 3000
<b>Electrical System</b>		
Battery/installation	Ah/-	105 / luggage compartment
<b>Driving Dynamics and Safety</b>		
Suspension, front		Double track control arm with double joint principle, small, negative steering roll radius, anti-dive
Suspension, rear		Integral-V rear axle, spatial suspension with anti-squat and anti-dive; optional: air suspension with automatic self-levelling
Brakes, front		Single-piston floating-calliper disc brakes
Brakes, rear		Single-piston floating-calliper disc brakes
Driving stability systems		Standard: DSC incl. ABS and Dynamic Traction Control (DTC), Cornering Brake Control (CBC), Dynamic Brake Control (DBC), Dry Braking function, Fading Compensation, Start-Off Assistant; DSC linked to xDrive all-wheel-drive, Automatic Differential Brake (ADB-X), Hill Descent Control (HDC); optional in conjunction with the Comfort, Dynamic or Professional adaptive suspension packages or Adaptive M suspension: Dynamic Damper Control, active roll stabilisation, Dynamic Performance Control
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) with Servotronic
Steering ratio, overall	:1	19.1
Tyres, front/rear		255/50 R19 107W XL
Rims, front/rear		9J x 19 light-alloy

**BMW X6 xDrive30d**

**Transmission**

Type of transmission	Eight-speed Steptronic transmission		
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	3.154

**Performance**

Power-to-weight ratio (DIN)	kg/kW	10.9
Output per litre	kW/l	63.5
Acceleration 0–100 km/h	s	6.7
Top speed	km/h	230

**Off-road characteristics**

Angle of approach/departure	°	25.0 / 22.5
Breakover angle	°	20.0
Ground clearance when unladen	mm	212
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 aerodynamic attributes, on-demand operation of ancillary units, map-regulated oil pump, differential and power divider with optimized-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	10.0 – 8.4
Extra-urban	l/100 km	6.2 – 5.2
Combined	l/100 km	7.1 – 7.0
CO <sub>2</sub>	g/km	187 – 183
Emission rating		EU 6c

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

<sup>1)</sup> Oil change

The values for fuel consumption, CO<sub>2</sub> emission and energy consumption shown were determined in the standardized test cycle according to the European Regulation (EC) 715/2007 in the version applicable at the time of type approval. The figures refer to a vehicle with basic configuration in Germany and the range shown considers optional equipment and the different size of wheels and tires available on the selected model and may vary during the configuration.

The values are already based on the test cycle according to the new WLTP regulation and are translated back into NEDC-equivalent values in order to allow a comparison between 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 to the values stated here.

# BMW X6. X6 xDrive40d.

<b>BMW X6 xDrive40d</b>		
<b>Body</b>		
No of doors/seats		5 / 5
Length/width/height (unladen)	mm	4909 / 1989 / 1702
Wheelbase	mm	2933
Track, front/rear	mm	1640 / 1706
Turning circle	m	12.8
Fuel tank capacity	approx. l	85
Engine oil <sup>1)</sup>	l	6.5
Weight, unladen, to DIN/EU	kg	2105 / 2180
Max load to DIN	kg	715
Max permissible weight	kg	2820
Max axle load, front/rear	kg	1350 / 1550
Max trailer load, braked (12%/unbraked)	kg	3500 / 750
Max roofload/max towbar download	kg	100 / 140
Luggage comp capacity	l	550 – 1525
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 with two turbochargers, small charger with variable-geometry, Common Rail direct injection with piezo injectors
Effective capacity	cc	2993
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel		Diesel
Max output	kW/hp	230 / 313
at	rpm	4400
Max torque	Nm	630
at	rpm	1500 – 2500
<b>Electrical System</b>		
Battery/installation	Ah/-	105 / luggage compartment
<b>Driving Dynamics and Safety</b>		
Suspension, front		Double track control arm with double joint principle, small, negative steering roll radius, anti-dive
Suspension, rear		Integral-V rear axle, spatial suspension with anti-squat and anti-dive; optional: air suspension with automatic self-levelling
Brakes, front		Single-piston floating-calliper disc brakes
Brakes, rear		Single-piston floating-calliper disc brakes
Driving stability systems		Standard: DSC incl. ABS and Dynamic Traction Control (DTC), Cornering Brake Control (CBC), Dynamic Brake Control (DBC), Dry Braking function, Fading Compensation, Start-Off Assistant; DSC linked to xDrive all-wheel-drive, Automatic Differential Brake (ADB-X), Hill Descent Control (HDC); optional in conjunction with the Comfort, Dynamic or Professional adaptive suspension packages or Adaptive M suspension: Dynamic Damper Control, active roll stabilisation, Dynamic Performance Control
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) with Servotronic
Steering ratio, overall	:1	19.1
Tyres, front/rear		255/50 R19 107W XL
Rims, front/rear		9J x 19 light-alloy

**BMW X6 xDrive40d**

**Transmission**

Type of transmission	Eight-speed Steptronic transmission		
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	3.154

**Performance**

Power-to-weight ratio (DIN)	kg/kW	9.2
Output per litre	kW/l	76.8
Acceleration 0–100 km/h	s	5.8
Top speed	km/h	230

**Off-road characteristics**

Angle of approach/departure	°	25.0 / 22.5
Breakover angle	°	20.0
Ground clearance when unladen	mm	212
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 aerodynamic attributes, on-demand operation of ancillary units, map-regulated oil pump, differential and power divider with optimized-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	8.3 – 7.9
Extra-urban	l/100 km	6.4 – 6.4
Combined	l/100 km	7.1 – 7.0
CO <sub>2</sub>	g/km	187 – 183
Emission rating		EU 6c

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

<sup>1)</sup> Oil change

The values for fuel consumption, CO<sub>2</sub> emission and energy consumption shown were determined in the standardized test cycle according to the European Regulation (EC) 715/2007 in the version applicable at the time of type approval. The figures refer to a vehicle with basic configuration in Germany and the range shown considers optional equipment and the different size of wheels and tires available on the selected model and may vary during the configuration.

The values are already based on the test cycle according to the new WLTP regulation and are translated back into NEDC-equivalent values in order to allow a comparison between 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 to the values stated here.

# BMW X6. X6 M50d.

<b>BMW X6 M50d</b>		
<b>Body</b>		
No of doors/seats		5 / 5
Length/width/height (unladen)	mm	4909 / 1989 / 1702
Wheelbase	mm	2933
Track, front/rear	mm	1640 / 1697
Turning circle	m	12.8
Fuel tank capacity	approx. l	85
Engine oil <sup>1)</sup>	l	6.5
Weight, unladen, to DIN/EU	kg	2185 / 2260
Max load to DIN	kg	715
Max permissible weight	kg	2900
Max axle load, front/rear	kg	1400 / 1570
Max trailer load, braked (12%/unbraked)	kg	3500 / 750
Max roofload/max towbar download	kg	100 / 140
Luggage comp capacity	l	550 – 1525
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 with three turbochargers, multi-stage and variable-geometry charging, Common Rail direct injection with piezo injectors
Effective capacity	cc	2993
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.0
Fuel		Diesel
Max output	kW/hp	280 / 381
at	rpm	4000 – 4400
Max torque	Nm	740
at	rpm	2000 – 3000
<b>Electrical System</b>		
Battery/installation	Ah/-	105 / luggage compartment
<b>Driving Dynamics and Safety</b>		
Suspension, front		Double track control arm with M-specific elastokinematics, damping and suspension tuning, small, negative steering roll radius, anti-dive
Suspension, rear		Integral-V rear axle with M-specific elastokinematics, damping and suspension tuning, spatial suspension with anti-squat and anti-dive, air suspension with automatic self-levelling
Brakes, front		Twin-piston floating-calliper disc brakes
Brakes, rear		Single-piston floating-calliper disc brakes
Driving stability systems		Standard: DSC incl. ABS and Dynamic Traction Control (DTC), Cornering Brake Control (CBC), Dynamic Brake Control (DBC), Dry Braking function, Fading Compensation, Start-Off Assistant; DSC linked to xDrive all-wheel-drive, Automatic Differential Brake (ADB-X), Hill Descent Control (HDC), Dynamic Damper Control; optional in conjunction with the adaptive suspension package Dynamic: active roll stabilisation, Dynamic Performance Control
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for front and rear seats, crash-activated head restraints at the front, three-point inertia-reel seatbelts on all seats with integrated belt latch tensioner and belt force limiter at the front, crash sensors, rollover sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS) with M-specific Servotronic
Steering ratio, overall	:1	19.1
Tyres, front/rear		255/50 R19 107W XL/ 285/45 R19 111W XL
Rims, front/rear		9J x 19 light-alloy/ 10J x 19 light-alloy

**BMW X6 M50d**

**Transmission**

Type of transmission	Eight-speed Steptronic transmission		
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	3.154

**Performance**

Power-to-weight ratio (DIN)	kg/kW	7.8
Output per litre	kW/l	93.6
Acceleration 0–100 km/h	s	5.2
Top speed	km/h	250

**Off-road characteristics**

Angle of approach/departure	°	25.0 / 22.5
Breakover angle	°	20.0
Ground clearance when unladen	mm	212
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 aerodynamic attributes, on-demand operation of ancillary units, map-regulated oil pump, differential and power divider with optimized-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	9.1 – 8.7
Extra-urban	l/100 km	7.3 – 7.3
Combined	l/100 km	7.9 – 7.8
CO <sub>2</sub>	g/km	209 – 205
Emission rating		EU 6c

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

<sup>1)</sup> Oil change

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