

Specifications.

The new BMW X1. sDrive16d.



BMW X1 sDrive16d

Body

No of doors/seats		5/5
Length/width/height (unladen)	mm	4447/1821/1598
Wheelbase	mm	2670
Track, front/rear	mm	1561/1562
Ground clearance	mm	183
Turning circle	m	11.4
Fuel tank capacity	approx. l	51
Engine oil ¹⁾	l	4.8
Weight, unladen, to DIN/EU	kg	1480/1555 (1500/1575)
Max load to DIN	kg	560 (540)
Max permissible weight	kg	2040
Max axle load, front/rear	kg	1035/1070 (1065/1070)
Max trailer load, braked (12%/unbraked)	kg	1700/750
Max roofload/max towbar download	kg	75/80
Luggage comp capacity	l	505-1550
Air resistance	C _d x A	0.28 – 0.32 x 2.46

Power Unit

Config/No of cyls/valves		In-line/3/4
Engine technology		BMW TwinPower Turbo technology: turbocharger with variable inlet geometry, common-rail direct injection with solenoid injectors
Effective capacity	cc	1496
Stroke/bore	mm	90.0/84.0
Compression ratio	:1	16.5
Fuel		Diesel
Max output	kW/hp	85/116
at	rpm	4000
Max torque	Nm	270
at	rpm	1750-2250

Electrical System

Battery/installation	Ah-	70/engine compartment
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Driving Dynamics and Safety

Suspension, front	Single-joint spring strut axle in lightweight aluminium/steel construction	
Suspension, rear	Multi-link axle in lightweight steel construction with separate spring and damper configuration	
Brakes, front	Vented disc brakes, with single-piston floating callipers	
Brakes, rear	Vented disc brakes, with single-piston floating callipers	
Driving stability systems	Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), DBC (Dynamic Brake Control), Dry Braking function, fading compensation, Start-Off Assistant, EDLC (Electronic Differential Lock Control), Performance Control, trailer stability control; optional: Adaptive suspension	
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 tensioner and belt force limiter at the front, crash sensors, tyre pressure indicator	
Steering	Electric Power Steering (EPS) with Servotronic function; optional: M Sport steering	
Steering ratio, overall	:1	15.9
Tyres, front/rear	225/55 R17 97W 225/55 R17 97W	
Rims, front/rear	7.5J x 17 light-alloy/ 7.5J x 17 light-alloy	

BMW X1 sDrive16d

Transmission

Type of transmission	Six-speed manual (seven-speed Steptronic dual-clutch transmission)		
Gear ratios	I	:1	3.923 (17.348)
	II	:1	2.136 (10.232)
	III	:1	1.276 (6.593)
	IV	:1	0.921 (4.615)
	V	:1	0.756 (3.572)
	VI	:1	0.628 (2.819)
	VII	:1	-- (2.285)
	VIII	:1	--
Final drive	R	:1	3.538 (15.994)
			3.588 (4.176)

Performance

Power-to-weight ratio (DIN)	kg/kW	17.4 (17.6)
Output per litre	kW/l	56.8
Acceleration 0–100 km/h	s	11.5
In 5th gear 80–120 km/h	s	--
Top speed	km/h	190

BMW EfficientDynamics

BMW EfficientDynamics standard features Brake Energy Regeneration with recuperation display, Electric Power Steering, Auto Start Stop function, Optimum Shift Indicator, BMW EfficientLightweight, optimised aerodynamic attributes, on-demand operation of ancillary units, map-regulated oil pump, tyres with reduced rolling resistance, BMW BluePerformance technology with SCR catalytic converter

Fuel Consumption ECE²⁾

Urban	l/100 km	5.0–4.7 (4.8–4.6)
Extra-urban	l/100 km	4.1–3.8 (4.2–3.9)
Combined	l/100 km	4.4–4.1 (4.4–4.2)
CO ₂	g/km	116–107 (116–109)
Emission rating		Euro 6d ISC

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

¹⁾ Oil change

²⁾ Fuel consumption and CO₂ emissions depend on the selected tyre format

The new BMW X1. xDrive25d.

BMW X1 xDrive25d

Body

No of doors/seats		5/5
Length/width/height (unladen)	mm	4447/1821/1598
Wheelbase	mm	2670
Track, front/rear	mm	1561/1562
Ground clearance	mm	183
Turning circle	m	11.4
Fuel tank capacity	approx. l	51
Engine oil ¹⁾	l	5.0
Weight, unladen, to DIN/EU	kg	1575/1650
Max load to DIN	kg	595
Max permissible weight	kg	2180
Max axle load, front/rear	kg	1125/1095
Max trailer load, braked (12%/unbraked)	kg	2000/750
Max roofload/max towbar download	kg	75/80
Luggage comp capacity	l	505-1550
Air resistance	C _d x A	0.28 – 0.32 x 2.46

Power Unit

Config/No of cyls/valves		In-line/4/4
Engine technology		BMW TwinPower Turbo technology: turbocharger with variable inlet geometry, common-rail direct injection
Effective capacity	cc	1995
Stroke/bore	mm	90.0/84.0
Compression ratio	:1	16.5
Fuel		Diesel
Max output	kW/hp	170/231
at	rpm	4400
Max torque	Nm	450
at	rpm	1500-3000

Electrical System

Battery/installation	Ah/–	70/engine compartment
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Driving Dynamics and Safety

Suspension, front	Single-joint spring strut axle in lightweight aluminium/steel construction
Suspension, rear	Multi-link axle in lightweight steel construction with separate spring and damper configuration
Brakes, front	Vented disc brakes, with single-piston floating callipers
Brakes, rear	Vented disc brakes, with single-piston floating callipers
Driving stability systems	Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), DBC (Dynamic Brake Control), Dry Braking function, fading compensation, Start-Off Assistant, EDLC (Electronic Differential Lock Control), Performance Control, trailer stability control; optional: Adaptive suspension
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 tensioner and belt force limiter at the front, crash sensors, tyre pressure indicator
Steering	Electric Power Steering (EPS) with Servotronic function; optional: M Sport steering
Steering ratio, overall	:1 16.0
Tyres, front/rear	225/55 R17 97W 225/55 R17 97W
Rims, front/rear	7.5J x 17 light-alloy/ 7.5J x 17 light-alloy

BMW X1 xDrive25d

Transmission

Type of transmission	Eight-speed Steptronic transmission		
Gear ratios	I	:1	5.519
	II	:1	3.184
	III	:1	2.05
	IV	:1	1.492
	V	:1	1.235
	VI	:1	1
	VII	:1	0.801
	VIII	:1	0.673
	R	:1	4.221
Final drive		:1	2.851

Performance

Power-to-weight ratio (DIN)	kg/kW	9.5
Output per litre	kW/l	85.2
Acceleration 0–100 km/h	s	6.6
In 5th gear 80–120 km/h	s	--
Top speed	km/h	235

BMW EfficientDynamics

BMW EfficientDynamics standard features	Brake Energy Regeneration with recuperation display, Electric Power Steering, Auto Start Stop function, Optimum Shift Indicator, BMW EfficientLightweight, optimised aerodynamic attributes, on-demand operation of ancillary units, map-regulated oil pump, tyres with reduced rolling resistance, BMW BluePerformance technology with SCR catalytic converter
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Fuel Consumption ECE²⁾

Urban	l/100 km	5.9–5.5
Extra-urban	l/100 km	4.8–4.5
Combined	l/100 km	5.2–4.9
CO ₂	g/km	136–128
Emission rating		Euro 6d ISC

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

¹⁾ Oil change

²⁾ Fuel consumption and CO₂ emissions depend on the selected tyre format

The fuel consumption and CO₂ emission 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.

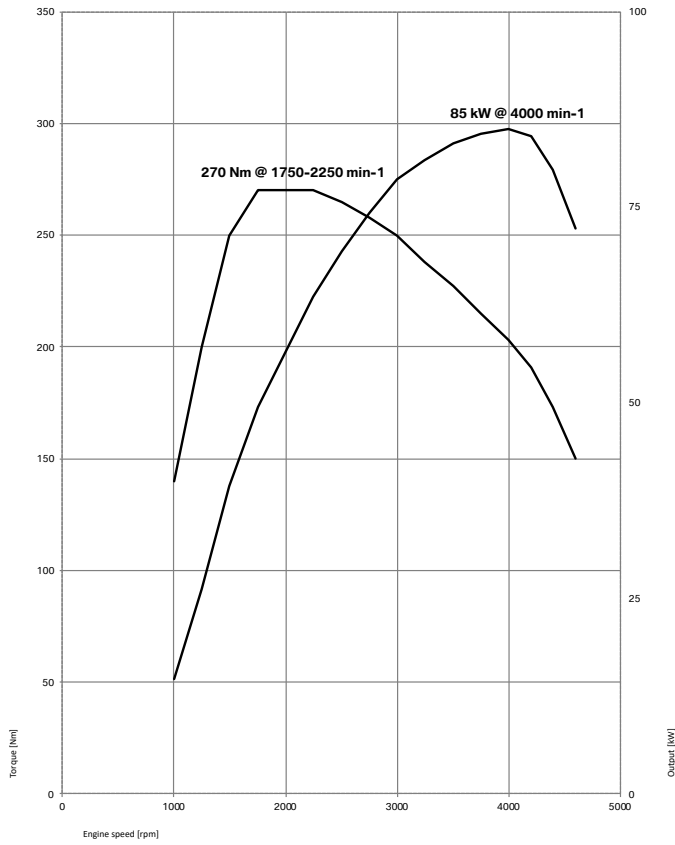
The values are based on the new WLTP test cycle. With respect to these vehicles, for vehicle-related taxes or other duties based (at least inter alia) on CO₂ emissions, the CO₂ values may differ from the values stated here (depending on national legislation).

Further information on official fuel consumption figures and specific CO₂ emission values of new passenger cars is included in the following guideline: 'Leitfaden über den Kraftstoffverbrauch, die CO₂-Emissionen und den Stromverbrauch neuer Personenkraftwagen' (Guide to the fuel economy, CO₂ 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/>.

Output and torque diagrams. The new BMW X1. sDrive16d.

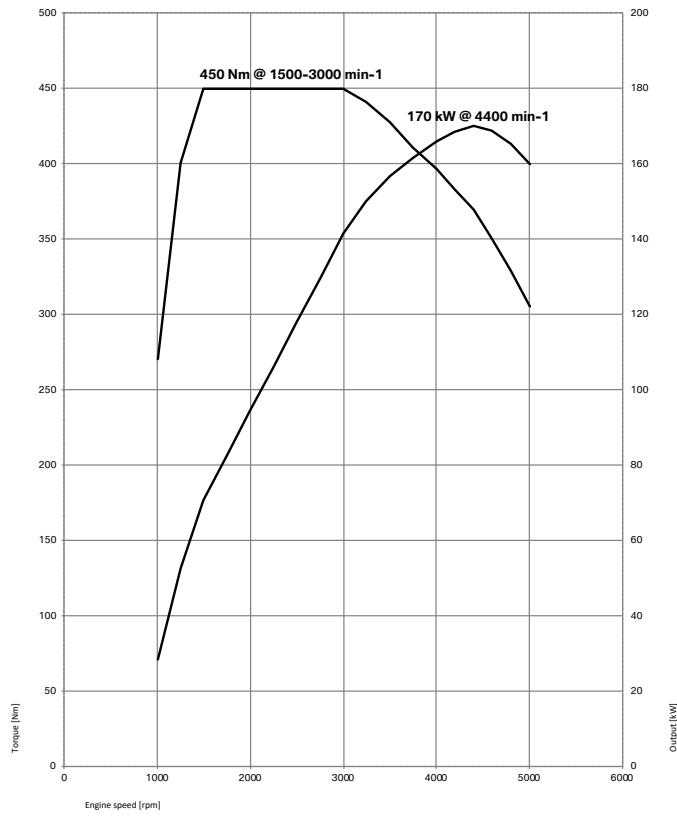


Kommentiert [PR1]: In den Grafiken bitte immer "min-1" durch "rpm" ersetzen



The new BMW X1. xDrive25d.

Kommentiert [PR2]: In den Grafiken bitte immer "min-1" durch "rpm" ersetzen.



Exterior and interior dimensions. The new BMW X1.

