

# Specifications. BMW X1. X1 sDrive18i



BMW X1 sDrive18i		
<b>Body</b>		
No. of doors/seats		5 / 5
Length/width/height <sup>1)</sup> (unladen)	mm	4439 / 1821 / 1598
Wheelbase	mm	2670
Track, front/rear	mm	1561 / 1562
Ground clearance	mm	183
Fording depth	mm	250
Turning circle	m	11.4
Tank capacity	approx. ltr	51
Engine oil <sup>2)</sup>	ltr	4.25
Weight, unladen, to DIN/EU	kg	1395 / 1470 (1430 1505)
Max. load to DIN	kg	595 (575)
Max. permissible weight	kg	1990 (2005)
Max. axle load, front/rear	kg	1010 (1040) / 1010
Max. trailer load, braked (12%)/unbraked	kg	1700 / 740
Max. roof load/towbar download	kg	75 / 80
Luggage comp. capacity	ltr	505 – 1550
Air resistance	c <sub>d</sub> x A	0.28 (0.29) x 2.46
<b>Engine</b>		
Config./No. of cyls./valves		in-line / 3 / 4
Engine technology		BMW TwinPower Turbo technology: turbocharger, High Precision Injection, VALVETRONIC fully variable valve timing, Double-VANOS variable camshaft timing
Effective capacity	cm <sup>3</sup>	1499
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	11.0
Fuel		min RON 91
Output	kW/hp	100 / 136
at	rpm	4400
Torque	Nm	220
at	rpm	1250
<b>Electrical System</b>		
Battery/Installation	Ah/–	70 / luggage comp.
Alternator	A/W	150 / 2100
<b>Driving Dynamics and Safety</b>		
Suspension, front		Single-joint spring-strut axle in lightweight aluminium-steel construction
Suspension, rear		Multi-arm axle in lightweight steel construction with separate spring and damper configuration
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, ASC and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant, EDLC (Electrically Controlled Differential Lock Control), Performance Control; optional: Dynamic Damper 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 latch tensioner and belt force limiter at the front seats, crash sensors, Tyre Pressure Indicator
Steering		Electric Power Steering (EPS) with Servotronic function, optional: Variable Sport Steering
Steering ratio, overall	:1	16.0
Tyres, front/rear		225/55 R17 97W
Rims, front/rear		7.5J x 17 light-alloy

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Transmission			
Type of gearbox		6-speed manual (6-speed Steptronic transmission)	
Gear ratios	I	:1	3.615 (4.459)
	II	:1	1.952 (2.508)
	III	:1	1.241 (1.556)
	IV	:1	0.969 (1.142)
	V	:1	0.806 (0.851)
	VI	:1	0.683 (0.672)
	R	:1	3.538 (3.185)
Final drive		:1	3.882 (4.103)
Performance			
Power-to-weight ratio (DIN)		kg/kW	14.0 (14.3)
Output per litre		kW/l	66.7
Acceleration	0–100 km/h	s	9.7 (9.7)
in 5th gear	80–120 km/h	s	<sup>4)</sup> (–)
Top speed		km/h	204 (200)
BMW EfficientDynamics			
BMW EfficientDynamics standard features		Brake Energy Regeneration with recuperation display, EPS (Electric Power Steering), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function (automatic), BMW EfficientLightweight, optimised aerodynamic attributes, on-demand operation of ancillary units, map-controlled oil pump, detachable a/c compressor, final drive with optimised warm-up behaviour, tyres with reduced roll resistance	
Fuel consumption EU cycle <sup>3)</sup>			
With standard tyres			
Urban		ltr/100 km	6.3 (6.4)
Extra-urban		ltr/100 km	4.5 (4.7)
Combined		ltr/100 km	5.1 (5.3)
CO <sub>2</sub>		g/km	119 (124)
With rims 8J x 19 and tyres 225/45 R19 as well as winter tyres			
Urban		ltr/100 km	6.5 (6.7)
Extra-urban		ltr/100 km	4.7 (4.9)
Combined		ltr/100 km	5.3 (5.6)
CO <sub>2</sub>		g/km	124 (129)
Emission rating			EU6

Technical data valid for ACEA countries/Some permitted weights valid only for Germany  
Figures in brackets are for vehicles with automatic transmission

<sup>1)</sup> Height with roof aerial: 1612 mm

<sup>2)</sup> Oil change volume

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

<sup>4)</sup> Data not yet available