

Specifications BMW X1. X1 sDrive18d, X1 sDrive20d



9/2011

Valid from
9/2011

BMW X1 sDrive18d		BMW X1 sDrive20d
Body		
No of doors/seats	5 / 5	5 / 5
Length/width/height ¹⁾ (unladen)	mm 4454 / 1798 / 1545	4454 / 1798 / 1545
Wheelbase	mm 2760	2760
Track, front/rear	mm 1500 / 1529	1500 / 1529
Turning circle	m 11.3	11.3
Tank capacity	app ltr 61	61
Cooling system incl heater	ltr 7.2 (7.5)	7.2 (7.5)
Engine oil ²⁾	ltr 5.2	5.2
Weight, unladen, to DIN/EU	kg 1470 / 1545 (1495 / 1570)	1490 / 1565 1500 (1575)
Max load to DIN	kg 550	550
Max permissible	kg 2030 (2055)	2045 (2060)
Max axle load, front/rear	kg 940 / 1155	940 / 1160
Max trailer load (12%), braked/unbraked	kg 1800 / 750	1800 / 750
Max roofload/max towbar downl	kg 75 / 80	75 / 80
Luggage comp capacity	ltr 420 – 1350	420 – 1350
Air drag	Cd x A 0.32 x 2.34	0.32 x 2.34
Power Unit		
Config/No of cyls/valves	R / 4 / 4	R / 4 / 4
Engine technology	BMW TwinPower Turbo technology with variable-geometry turbocharger, Common Rail direct injection (max. injection pressure: 1800 bar)	
Capacity, effective	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 105 / 143	130 / 177
at	rpm 4000	4000
Max torque	Nm/lb-ft 320	350
at	rpm 1750 – 2500	1750 – 3000
Electrical System		
Battery/location	Ah/– 80 / luggage comp	80 / luggage comp
Alternator	A/W 180 / 2520	180 / 2520
Driving Dynamics and Safety		
Suspension, front	Aluminium double-joint tie bar axle	
Suspension, rear	Double-wishbone five-link axle with trailing arm	
Brakes, front	Single-piston swing-calliper disc brakes	
Diameter	mm 312 x 24 / vented	312 x 24 / vented
Brakes, rear	Single-piston swing-calliper disc brakes	
Diameter	mm 300 x 20 / vented	300 x 20 / 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	
Safety equipment	Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags front and rear, active headrests at the front, three-point inertia-reel seat belts on all seats, belt latch tensioners at the front, crash sensors, roll-over sensors, Tyre Defect Indicator	
Steering	Hydraulic rack-and-pinion power steering	
Steering transmission, overall	:1 16.1	16.1
Tyres, front/rear	225/50 R17 94H	225/50 R17 94H
Rims, front/rear	7,5J x 17 steel	7,5J x 17 LM

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BMW ConnectedDrive				
Comfort		Optional: BMW Assist including Enquiry Service, remote-control functions, Real-Time Traffic Information, BMW TeleServices, integration of mobile devices		
Infotainment		Optional: internet access, BMW Online incl inter alia Park Info, National Info, Google Local Search, News, Realtime Weather, BMW Routes, Office functions, Bluetooth Audio Streaming, Online Update Music Tracks, Apps		
Safety		Optional: Adaptive Headlights with cornering lights, High-Beam Assistant, Park Distance Control, rear-view camera, Cruise Control with braking function, Automatic/Advanced Emergency Call		
Transmission				
Type of transmission		Six-speed manual (optional: six-speed automatic with Steptronic)		
Gear ratios	I	:1	4.002 (4.171)	5.140 (4.171)
	II	:1	2.108 (2.340)	2.830 (2.340)
	III	:1	1.380 (1.521)	1.804 (1.521)
	IV	:1	1.000 (1.143)	1.257 (1.143)
	V	:1	0.781 (0.867)	1.000 (0.867)
	VI	:1	0.645 (0.691)	0.831 (0.691)
	Reverse	:1	3.647 (3.403)	4.638 (3.403)
Final drive		:1	3.231 (3.462)	2.643 (3.385)
Performance				
Power-to-weight ratio	kg/kW		14.0 (14.2)	11.5 (11.5)
Output per litre	kW/hp		52.6	65.2
Acceleration	0–100 km/h	sec	9.6 (9.9)	8.1 (8.3)
	Standing-start km	sec	30.8 (31.4)	28.8 (29.3)
In 4 th / 5 th gear	80–120km/h	sec	8.2 / 10.9 (– / –)	7.0 / 8.9 (– / –)
Top speed	km/h		200 (200)	218 (218)
Offroad characteristics				
Overhang angle	°			
front / rear			18.0/22.2	18.0/22.2
Ramp breakover angle	°		16.8	16.8
Ground clearance	mm		194	194
BMW EfficientDynamics				
BMW EfficientDynamics standard features		Brake energy regeneration, Auto Start Stop function and Optimum Shift Indicator and Auto Start-Stop function (manual gearbox), on-demand operation of ancillary units, final drive with optimised thermal management, intelligent lightweight design, detachable a/c compressor		
Fuel Consumption in EU				
Urban	ltr/100		6.1 (7.1)	6.4 (7.1)
Extra-urban	ltr/100		4.7 (5.2)	4.7 (5.2)
Combined	ltr/100		5.2 (5.9)	5.3 (5.9)
CO ₂	g/km		136 (155)	139 (155)
Emission rating			EU5	EU5

Specifications apply to ACEA markets; data relevant to homologation applicable in part only to Germany (weights, top speed)
Figures in brackets apply to automatic transmission

- 1) Height including roof antenna: 1573 mm
- 2) Oil change