

Specifications BMW X1 sDrive 16i.



Valid from
6/2013

BMW X1 sDrive 16i		
Engine Type/Gearbox		
No of doors / seats		5/5
Length/width/height (unladen)	mm	4477 / 1798 / 1545 (*1567)
Wheelbase- Turning circle	mm	2760 / 11.3
Track, front/rear	mm	1500 / 1529
Ground clearance		179
Luggage comp. Capacity	m³	0,420-1,350
Fuel tank capacity	liter	63
Transmission fluid		permanent
Curb weight (DIN) / (EC)	kg	1495 / 1570
Weight distribution (empty car)	%	50.6
Trailer load unbraked / Trailer nose	kg	750 /
Trailer load braked 12% / 8%	kg	1700 / 1700
Roof load	kg	75
Power Unit		
Engine type / Cylinders / Valves	//	in line / 4 / 4
Engine power / at rpm	kW (PS)/ 1 min / 1/min	105 (143) / 4700
Displacement	cc	1598
Stroke / bore	mm	72.1 / 84
Compression ratio	:1	9 / ROZ91-98 (ROZ95)
Engine power / at rpm	kW/hp	105 (143) / 4700
Engine torque / at rpm	Nm/lb-ft	220 / 1400-4400
Compression rate / Fuel type (recom.)	:1 /	9 / ROZ91-98 (ROZ95)
Electrical System		
Battery / Battery position	Ah/-	/ luggage compartement compartment
Alternator	A/W	170 / 2380
Driving Dynamics and Safety		
Brakes, front		disc ventilated
Brakes, rear		disc ventilated
Safety		Standard: airbags for driver and front passenger, side airbags for driver and front passenger with combined head airbags, three-point inertia-reel belts on all seats, integrated on front seats with belt retainer, belt latch tensioner and belt force limiter, crash-activated headrests at the front, crash sensors, rollover safety system, Tyre Defect Indicator
Steering type / Steering transmission, overall		rack-and-pinion (EPS)/
Tyres, front/rear		225/50 R17 94H
Front/Rear Trims	Basisbereifung	7,5J x 17 LM
Cooling system incl. Heater / Engine oil (filling qantity) **	liter / liter	4.4 / 5.75
Wheel offset front / rear	mm/mm	34 / 34

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		/	TwinPower Turbo / TwinScroll Turbo Technology
Charging Type / Charging Technique			
Fuel management			MEVD 17.2.9
Injection type / Injection technique		/	High precision direct injection / DI2,VVT
Engine power / at rpm	KW (PS) / 1/min		105 (143) / 4700
Engine torque / at rpm	Nm / 1/min		220 / 1400-4400
Type of gearbox			8HP45
Emission classification			EU5

Transmission

Gear ratios 1st gear / 2nd / 3rd / 4th		/ / /	4.714 / 3.143 / 2.106 / 1.667
5th / Gear ratio VI / 7th / 8th		/ / /	1.285 / 1 / 0.839 / 0.667
Reverse gear			3.295
Final drive			3.154
Steering type / Steering			1 rack-and-pinion (EPS)/
Front break			disc ventilated
Rear brake			disc ventilated
Top speed (optional)	Km/h		200
0-100Km/h	s		9.7
0-1000m	s		31.4

Performance

Power-to-weight ratio	kg/kW		14.2
Output per litre	kW/hp		65.7
Acceleration 0-100 km/h	sec		7.6 (8.1)
	standing-start	sec	28.1 (28.5)
In 4th/5th gear 80-120 km/h	sec		8.3 / 10.5 (-)
Top speed	km/h		245 (243)

Fuel Consump in EU

Combined	ltr/100km		9.2 / 6.2 / 7.3
CO2 (city/highway/combined)	g/km		214 / 145 / 170

Specifications apply to ACEA markets/data relevant to homologation apply in part only to Germany (weight)
Figures in brackets apply to models with automatic transmission