

Specifications BMW X6. X6 xDrive30d, X6 xDrive40d



2/2012

Valid from
4/2012

BMW X6 xDrive30d		BMW X6 xDrive40d
Body		
No of doors/seats	5 / 4 (5) ¹⁾	5 / 4 (5) ¹⁾
Length/width/height (unladen)	mm 4877 / 1983 / 1699 ²⁾	4877 / 1983 / 1699 ²⁾
Wheelbase	mm 2933	2933
Track, front/rear	mm 1644 / 1706	1644 / 1706
Turning circle	m 12.8	12.8
Tank capacity	app ltr 85	85
Cooling system incl heater	ltr 10.4	10.4
Engine oil ³⁾	ltr 6.7	6.7
Weight, unladen, to DIN/EU	kg 2075 / 2150	2110 / 2185
Max load to DIN	kg 600 (650) ⁴⁾	600 (650) ⁴⁾
Max permissible	kg 2675 (2725) ⁴⁾	2710 (2760) ⁴⁾
Max axle load, front/rear	kg 1285 / 1475 (1285 / 1515) ⁴⁾	1310 / 1475 (1310 / 1515) ⁴⁾
Max trailer load (12%), braked/unbraked	kg 2700 (3500) ⁵⁾ / 750	2700 (3500) ⁵⁾ / 750
Max roofload/max towbar downl	kg 100 / 120 (140) ³⁾	100 / 120 (140) ³⁾
Luggage comp capacity	ltr 570-1450	570-1450
Air drag	Cd x A 0.33 x 2.82	0.34 x 2.82
Engine		
Config/No of cyls/valves	In-line / 6 / 4	In-line / 6 / 4
Engine technology	BMW TwinPower Turbo technology with variable-geometry turbocharger, Common Rail direct injection with solenoid valve injectors (max. injection pressure: 1800 bar)	BMW TwinPower Turbo technology with two turbochargers (Variable Twin Turbo), Common Rail direct injection with piezo injectors (max. injection pressure: 2000 bar)
Capacity, effective	cc 2993	2993
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 180 / 245	225 / 306
at	rpm 4000	4400
Max torque	Nm/lb-ft 540	600
at	rpm 1750-3000	1500-2500
Electrical System		
Battery/location	Ah/- 90 / luggage comp	90 / luggage comp
Alternator	A/W 170 / 2380	170 / 2380
Driving Dynamics and Safety		
Suspension, front	Double wishbone axle, small steering roll radius, anti-dive	
Suspension, rear	Integral-IV multi-arm axle, anti-squat and anti-dive, optional: air suspension with automatic self-levelling	
Brakes, front	Single-piston floating-calliper disc brakes	
Diameter	mm 332 x 30 / vented	348 x 30 / vented
Brakes, rear	Single-piston floating-calliper disc brakes	
Diameter	mm 320 x 20 / vented	320 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, Fading Compensation, Start-Off Assistant, DSC cross-linked with xDrive, Dynamic Performance Control, hill descent control HDC, optional: Adaptive Drive	
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 with servotronic function, optional: Active steering	
Steering transmission, overall	:1 19.5	19.5
Tyres, front/rear	255/50 R19 107V XL RSC	255/50 R19 107V XL RSC
Rims, front/rear	9J x 19 LM	9J x 19 LM

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BMW ConnectedDrive				
Comfort			Opt. BMW Assist including Enquiry Service, remote-control function, Real-Time Traffic Information, BMW TeleServices, integration of mobile devices	
Infotainment			Opt: Internet, BMW Online incl Parkinfo, National Info, Google Local Search, News, Realtime Weather, BMW Routes, Office Functions, Bluetooth Audio Streaming, Online Update Music Tracks, Apps	
Safety			Opt: Adaptive Headlights with Bending Lights, Adaptive LED Headlights, High-Beam Assistant, Park Distance Control, Side View, back-up camera with Top View, BMW Head-Up Display, Active Cruise Control with Stop & Go, Lane Departure Warning, Speed Limit Info, Automatic/Enhanced Emergency Call	
Transmission				
Type of transmission			Eight-speed automatic transmission with Steptronic function and shifting paddles	
Gear ratios	I	:1	4.714	4.714
	II	:1	3.143	3.143
	III	:1	2.106	2.106
	IV	:1	1.667	1.667
	V	:1	1.285	1.285
	VI	:1	1.000	1.000
	VII	:1	0.839	0.839
	VIII	:1	0.667	0.667
	R	:1	3.317	3.317
Final drive		:1	3.154	3.154
Performance				
Power-to-weight ratio (DIN)	kg/kW		11.5	9.4
Output per litre	kW/hp		60.1	75.2
Acceleration 0–100 km/h	sec		7.5	6.5
Standing-start	sec		28.4	26.9
Top speed	km/h		222	236
Offroad characteristics				
Overhang angle	°			
front / rear			25.1 / 25.5	25.1 / 25.5
Ramp breakover angle	°		19.1	19.1
Ground clearance	mm		212	212
BMW EfficientDynamics				
BMW EfficientDynamics standard features			Brake Energy Regeneration, on-demand operation of ancillary units, intelligent lightweight technology, a/c compressor detachable, tyres with reduced roll resistance	
Fuel Consumption in EU				
Urban	ltr/100 km		8.7	8.8
Extra-urban	ltr/100 km		6.7	6.8
Combined	ltr/100 km		7.4	7.5
CO ₂	g/km		195	198
Emission rating			EU5 ^b	EU5

Specifications applicable to ACEA markets/homologation data applicable in part only to Germany (weights, top speed)

- 1) With optional third seat in rear
- 2) Height without roof antenna: 1690 mm
- 3) Oil change
- 4) With Adaptive Drive and / or levelling system with air suspension
- 5) With option extended trailer load in combination with levelling system incl. air suspension
- 6) EU6 with BMW BluePerformance technology