

# Specifications BMW X5. X5 xDrive30d, X5 xDrive40d



BMW X5 xDrive30d		BMW X5 xDrive40d
<b>Body</b>		
No of doors/seats	5 / 5 (7) <sup>1)</sup>	5 / 5 (7) <sup>1)</sup>
Length/width/height (unladen)	mm 4854 / 1933 / 1776 <sup>2)</sup>	4854 / 1933 / 1776 <sup>2)</sup>
Wheelbase	mm 2933	2933
Track, front/rear	mm 1644 / 1650	1558 / 1581
Turning circle	m 12.8	12.8
Tank capacity	app ltr 85	85
Cooling system incl heater	ltr 10.4	10.4
Engine oil <sup>3)</sup>	ltr 6.7	6.7
Weight, unladen, to DIN/EU	kg 2075 / 2150	2110 / 2185
Max load to DIN	kg 680 (890) <sup>1)</sup>	680 (890) <sup>1)</sup>
Max permissible	kg 2755 (2965) <sup>1)</sup>	2790 (3000) <sup>1)</sup>
Max axle load, front/rear	kg 1275 / 1545 (1280 / 1745) <sup>1)</sup>	1300 / 1555 (1305 / 1755) <sup>1)</sup>
Max trailer load (12%), braked/unbraked	kg 3500 / 750	3500 / 750
Max roofload/max towbar downl	kg 100 / 140	100 / 140
Luggage comp capacity	ltr 620-1750	620-1750
Air drag	Cd x A 0.34 x 2.87	0.34 x 2.87
<b>Engine</b>		
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
<b>Electrical System</b>		
Battery/location	Ah/- 90 / luggage comp	90 / luggage comp
Alternator	A/W 170 / 2380	170 / 2380
<b>Driving Dynamics and Safety</b>		
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 swing-calliper disc brakes	
Diameter	mm 332 x 30 / vented	348 x 30 / vented
Brakes, rear	Single-piston swing-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, Automatic Differential Brake (ADB-X), 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	255/55 R18 109H XL RSC	255/55 R18 109V XL RSC
Rims, front/rear	8,5J x 18 LM	8,5J x 18 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, High-Beam Assistant, Park Distance Control, Side View, back-up camera with Top View, 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			
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		kg/kW	11.5	9.4	
Output per litre		kW/hp	60.1	75.2	
Acceleration		0–100 km/h	sec	7.6	6.6
		Standing-start	sec	28.5	27.0
Top speed		km/h	222	236	
Offroad characteristics					
Overhang angle		°			
front / rear			25.5 / 22.7	25.5 / 22.7	
Ramp breakover angle		°	19.8	19.8	
Ground clearance		mm	222	222	
Fording ability		mm	500	500	
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 <sub>2</sub>		g/km	195	198	
Emission rating			EU5 <sup>4)</sup>	EU5	

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

- 1) With optional third seat row
- 2) Height without antenna: 1739mm
- 3) Oil change
- 4) EU6 with optional BMW BluePerformance technology