

Specifications BMW X5. X5 xDrive35i, X5 xDrive50i



BMW X5 xDrive35i		BMW X5 xDrive50i
Body		
No of doors/seats	5 / 5 (7) ¹⁾	5 / 5 (7) ¹⁾
Length/width/height (unladen)	mm 4854 / 1933 / 1776 ²⁾	4854 / 1933 / 1776 ²⁾
Wheelbase	mm 2933	2933
Track, front/rear	mm 1644 / 1650	1640 / 1646
Turning circle	m 12.8	12.8
Tank capacity	app ltr 85	85
Cooling system incl heater	ltr 10.9	17.2
Engine oil ³⁾	ltr 6.5	8.5
Weight, unladen, to DIN/EU	kg 2070 / 2145	2190 / 2265
Max load to DIN	kg 680 (890) ¹⁾	680 (835) ¹⁾
Max permissible	kg 2750 (2960) ¹⁾	2870 (3025) ¹⁾
Max axle load, front/rear	kg 1265 / 1550 (1270 / 1755) ¹⁾	1365 / 1570 (1370 / 1740) ¹⁾
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 0.33 x 2.87	0.35 x 2.87
Engine		
Config/No of cyls/valves	In-line / 6 / 4	V / 8 / 4
Engine technology	BMW TwinPower Turbo with Twin-Scroll turbocharger, direct injection and fully variable valve control (VALVETRONIC)	BMW TwinPower Turbo with two turbochargers an direct injection (High Precision Injection)
Capacity, effective	cc 2979	4395
Stroke / bore	mm 89.6 / 84.0	88.3 / 89.0
Compression ratio	:1 10.2	10.0
Fuel	min ROZ 91	min ROZ 91
Max output	kW/hp 225 / 306	300 / 407
at	rpm 5800	5500-6400
Max torque	Nm/lb-ft 400	600
at	rpm 1200-5000	1750-4500
Electrical System		
Battery/location	Ah/- 90 / luggage comp	90 / luggage comp
Alternator	A/W 210 / 2940	220 / 3080
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 swing-calliper disc brakes	
Diameter	mm 348 x 30 / vented	385 x 36 / vented
Brakes, rear	Single-piston swing-calliper disc brakes	
Diameter	mm 320 x 20 / vented	345 x 24 / 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 109HXL RSC	255/50 R19 107W XL RSC
Rims, front/rear	8,5J x 18 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, 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	3,295	3,317
Final drive			:1	3.154	3.154
Performance					
Power-to-weight ratio		kg/kW	9.2	7.3	
Output per litre		kW/hp	75.5	68.3	
Acceleration 0–100 km/h		sec	6.8	5.5	
Standing-start		sec	27.0	24.8	
Top speed		km/h	235	250	
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, map-controlled oil pump (BMW X5 xDrive35i), intelligent lightweight technology, air flap control (BMW X5 xDrive35i), a/c compressor detachable, tyres with reduced roll resistance			
Fuel Consumption in EU					
Urban		ltr/100 km	13.2	17.5	
Extra-urban		ltr/100 km	8.3	9.6	
Combined		ltr/100 km	10.1	12.5	
CO ₂		g/km	236	292	
Emission rating			EU5	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 roof antenna: 1739mm
- 3) Oil change