

Specifications BMW X5. X5 sDrive25d



BMW X5 sDrive25d			
Body			
No of doors/seats			5 / 5 (7) ¹⁾
Length/width/height (unladen)	mm		4886 / 1938 / 1762
Wheelbase	mm		2933
Track, front/rear	mm		1644 / 1650
Turning circle	m		12.7
Tank capacity	app ltr		85
Engine oil ²⁾	ltr		5.0
Weight, unladen, to DINEU	kg		1995 / 2070
Max load to DIN	kg		715
Max permissible	kg		2710
Max axle load, front/rear	kg		1210 / 1545
Max trailer load (12%), braked/unbraked	kg		2700 / 750
Max roofload/max towbar download	kg		100 / 140
Luggage comp capacity	ltr		650 – 1870
Air resistance	C _d x A		0.31 x 2.84
Engine			
Config/No of cyls/valves			In-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology with two turbochargers, high and low pressure charger with variable geometry, Common Rail direct injection with magnetic valve injectors (max. injection pressure: 2500 bar)	
Capacity, effective	cm ³		1995
Stroke / bore	mm		90.0 / 84.0
Compression ratio	:1		16.5
Fuel grade			Diesel
Max output	kW/hp		170 / 231
at	rpm		4400
Max torque	Nm		500
at	rpm		1500 – 3000
Electrical System			
Battery/installation	Ah/–		105 / luggage comp
Alternator	A/W		180 / 2520
Driving Dynamics and Safety			
Suspension, front		Double track control arm with double joint principle, small, negative steering roll radius, anti-dive	
Suspension, rear		Integral-IV rear axle, spatial suspension with 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 / inner-vented
Brakes, rear		Single-piston floating-calliper disc brakes	
Diameter	mm		320 x 20 / inner-vented
Driving stability systems		Standard: DSC incl. ABS and Dynamic Traction Control (DTC), Cornering Brake Control (CB), Dynamic Brake Control (DBC), Dry Braking function, Fading Compensation, Start-Off Assistant; optional in conjunction with the Comfort adaptive suspension package: Dynamic Damper Control	
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for front and rear seats, crash-activated head restraints at the front, three-point inertia-reel seatbelts on all seats with integrated belt latch tensioner and belt force limiter at the front, crash sensors, rollover sensors, Tyre Pressure Indicator	
Steering		Electric Power Steering (EPS) with Servotronic	
Steering transmission, overall	:1		19.1
Tyres, front/rear			255/55 R18 109 V XL
Rims, front/rear			8.5J x 18 light-alloys

5/2015

Valid from
7/2015

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Transmission			
Type of gearbox		Eight-speed Steptronic	
Gear ratios	I	:1	5.000
	II	:1	3.200
	III	:1	2.143
	IV	:1	1.720
	V	:1	1.314
	VI	:1	1.000
	VII	:1	0.822
	VIII	:1	0.640
	R	:1	3.456
Final drive		:1	3.385
Performance			
Power-to-weight ratio (DIN)	kg/kW		11.7
Output per litre	kW/ltr		85.2
Acceleration 0–100 km/h	sec		7.7
Top speed	km/h		220
Off-Road Specifications			
Overhang angle, front/rear			25.0 / 20.0
Ramp angle	°		20.0
Ground clearance unladen	mm		209
Fording depth (at 7 km/h)	mm		500
BMW EfficientDynamics			
BMW EfficientDynamics, standard features		Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), gear shift indicator, Auto Start Stop function, ECO PRO mode with coasting function, map-controlled oil pump, intelligent lightweight construction, optimised aerodynamic attributes, active air vents, detachable a/c compressor, final drive with optimised warm-up behaviour, tyres with reduced roll resistance, BMW BluePerformance technology	
Fuel Consumption EU ³⁾			
With standard wheels and tyres			
Urban	ltr/100km		5.9
Extra-urban	ltr/100km		4.9
Combined	ltr/100km		5.3
CO ₂	g/km		139
With 9J x 19 wheels at front, 10J x 19 at rear and 255/50 R19 tyres at front, 285/45 R19 at rear			
With 10J x 20 wheels at front, 11J x 20 at rear and 275/40 R20 tyres at front, 315/35 R20 at rear			
Urban	ltr/100km		5.9
Extra-urban	ltr/100km		5.0
Combined	ltr/100km		5.4
CO ₂	g/km		141
Emission rating			EU6

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

- 1) With optional third row of seats
- 2) Oil change
- 3) Fuel consumption and CO₂ emissions depend on the selected tyre format