

Specifications.

BMW X3.

X3 xDrive20d.



BMW X3 xDrive20d		
Body		
No. of doors/seats		5 / 5
Length/width/height ¹⁾ (unladen)	mm	4708 / 1891 / 1676
Wheelbase	mm	2864
Track, front/rear	mm	1620 / 1636
Turning circle	m	12.0
Tank capacity	approx. ltr	68
Engine oil ²⁾	ltr	5.5
Weight, unladen, to DINEU	kg	1835 / 1910
Max. load to DIN	kg	665
Max. permissible weight	kg	2500
Max. axle load, front/rear	kg	1200 / 1430
Max. trailer load, braked (12%/unbraked)	kg	2400 / 750
Max. roof load/towbar download	kg	100 / 100
Luggage comp. capacity	ltr	550 – 1600
Air resistance	$c_d \times A$	0.29 x 2.65
Engine		
Config./No. of cyls./valves		in-line / 4 / 4
Engine technology	BMW TwinPower Turbo technology: turbocharger with variable inlet geometry, common rail direct fuel injection with solenoid injectors, (maximum injection pressure 2000 bar)	
Effective capacity	cm ³	1995
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel		Diesel
Output	kW/hp	140 / 190
at	rpm	4000
Torque	Nm	400
at	rpm	1750 – 2500
48 V mild hybrid technology		
Max output	kW/hp	8 / 11
Electrical System		
12 V battery/installation	Ah/–	80 / luggage compartment
48 V battery/installation	Ah/–	11 / engine compartment
Driving Dynamics and Safety		
Suspension, front	Aluminium double-joint tension-rod spring-strut axle	
Suspension, rear	Five-link axle in lightweight steel construction	
Brakes, front	Single-piston floating-calliper disc brakes / vented	
Brakes, rear	Single-piston floating-calliper disc brakes / vented	
Driving stability systems	Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying function, fading compensation, start-off assistant, Hill Descent Control, DSC linked to xDrive all-wheel drive; optional: Adaptive suspension, Performance Control	
Safety equipment	Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for front and rear seats, three-point inertia-reel seatbelts on all seats with belt latch tensioner and belt force limiter at the front seats, crash sensors, Tyre Pressure Indicator	
Steering	Electric Power Steering (EPS) with Servotronic function, optional: Variable Sport Steering	
Steering ratio, overall	:1	16.8
Tyres, front/rear	225/60 R18 104W XL	
Rims, front/rear	7J x 18 light-alloy	

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Transmission			
Type of gearbox		8-speed Steptronic	
Gear ratios	I	:1	5.250
	II	:1	3.360
	III	:1	2.172
	IV	:1	1.720
	V	:1	1.316
	VI	:1	1.000
	VII	:1	0.822
	VIII	:1	0.640
	R	:1	3.712
Final drive		:1	3.231
Performance			
Power-to-weight ratio (DIN)		kg/kW	13.1
Output per litre		kW/l	70.2
Acceleration	0–100 km/h	s	7.9
Top speed		km/h	213
Off-road characteristics			
Angle of approach/departure		°	25.6 / 23.4
Breakover angle		°	20.0
Ground clearance when unladen		mm	204
Fording depth (at 7 km/h)		mm	500
BMW EfficientDynamics			
BMW EfficientDynamics standard features		Mild hybrid technology with 48 volt starter generator, Brake Energy Regeneration with recuperation display, Auto Start Stop function, ECO PRO and COMFORT mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering (EPS), BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, efficiency-optimised all-wheel drive, differential with optimised warm-up behaviour, tyres with reduced rolling resistance, BMW Blue Performance technology including SCR catalytic converter	
Fuel consumption EU cycle			
Urban		ltr/100 km	5.5 – 5.2
Extra-urban		ltr/100 km	4.8 – 4.5
Combined		ltr/100 km	5.1 – 4.8
CO ₂		g/km	134 – 126
Emission rating			Euro 6d

Technical data valid for ACEA countries/Some permitted weights valid only for Germany

¹⁾ Height including roof aerial

²⁾ Oil change

The values for fuel consumption, CO₂ emission and energy consumption shown were determined in the standardized test cycle according to the European Regulation (EC) 715/2007 in the version applicable at the time of type approval. The figures refer to a vehicle with basic configuration in Germany and the range shown considers optional equipment and the different size of wheels and tires available on the selected model and may vary during the configuration.

The values are already based on the test cycle according to the new WLTP regulation and are translated back into NEDC-equivalent values in order to allow a comparison between vehicles. With respect to these vehicles, for vehicle related taxes or other duties based (at least inter alia) on CO₂-emissions the CO₂ values may differ to the values stated here.