

Specifications.

BMW X3.

X3 xDrive30d.



BMW X3 xDrive30d		
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	7.0
Weight, unladen, to DINEU	kg	1930 / 2005
Max. load to DIN	kg	620
Max. permissible weight	kg	2550
Max. axle load, front/rear	kg	1200 / 1415
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 x A	0.30 x 2.65
Engine		
Config./No. of cyls./valves		in-line / 6 / 4
Engine technology		BMW TwinPower Turbo technology: multi-stage turbocharging, low-pressure turbocharger with variable inlet geometry, common-rail direct injection with piezo injectors (max. injection pressure: 2700 bar)
Effective capacity	cm ³	2993
Stroke/bore	mm	90,0 / 84,0
Compression ratio	:1	16.5
Fuel		Diesel
Output	kW/hp	210 / 286
at	rpm	4000
Torque	Nm	650
at	rpm	1500 – 2500
48V mild hybrid technology output	kW/hp	8 / 11
Electrical System		
12V battery/installation	Ah/–	90 / luggage comp.
48V battery/installation	Ah/–	11 / engine comp.
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

BMW X3 xDrive30d			
Transmission			
Type of gearbox	8-speed Steptronic		
Gear ratios	I	:1	5.500
	II	:1	3.520
	III	:1	2.200
	IV	:1	1.720
	V	:1	1.317
	VI	:1	1.000
	VII	:1	0.823
	VIII	:1	0.640
	R	:1	3.993
Final drive		:1	2.813
Performance			
Power-to-weight ratio (DIN)	kg/kW		9.2
Output per litre	kW/l		70.2
Acceleration 0–100 km/h	s		5.7
Top speed	km/h		245
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 48V 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, 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 with SCR catalytic converter		
Fuel consumption EU cycle			
Urban	ltr/100 km		6.7 – 6.4
Extra-urban	ltr/100 km		5.0 – 4.6
Combined	ltr/100 km		5.6 – 5.2
CO ₂	g/km		147 – 137
Emission rating			Euro 6d

Specifications apply to ACEA markets/data relevant to homologation applies in part only to Germany (weight)

- 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.

BMW X3. X3 M40d.

BMW X3 M40d		
Body		
No. of doors/seats		5 / 5
Length/width/height ¹⁾ (unladen)	mm	4716 / 1897 / 1676
Wheelbase	mm	2864
Track, front/rear	mm	1615 / 1594
Turning circle	m	12.1
Tank capacity	approx. ltr	68
Engine oil ²⁾	ltr	7.0
Weight, unladen, to DINEU	kg	2020 / 2095
Max. load to DIN	kg	540
Max. permissible weight	kg	2560
Max. axle load, front/rear	kg	1240 / 1425
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 x A	0.31 x 2.65
Engine		
Config./No. of cyls./valves		in-line / 6 / 4
Engine technology		BMW TwinPower Turbo technology: multi-stage charging, high and low pressure turbocharger with variable-geometry, Common Rail direct injection with piezo injectors (max. injection pressure: 2700 bar)
Effective capacity	cm ³	2993
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel		Diesel
Output	kW/hp	250 / 340
at	rpm	4400
Torque	Nm	700
at	rpm	1750 – 2250
48V mild hybrid technology output	kW/hp	8 / 11
Electrical System		
12V battery/installation	Ah/–	90 / luggage comp.
48V battery/installation	Ah/–	11 / engine comp.
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		Four-piston fixed-calliper disc brakes / vented
Brakes, rear		Twin-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, Performance Control, M sport differential, DSC linked to xDrive all-wheel drive; optional: Adaptive M suspension
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), Variable Sport Steering with Servotronic function
Steering ratio, overall	:1	16.8
Tyres, front/rear		245/45 R20 103W XL / 275/40 R20 106W XL
Rims, front/rear		8J x 20 light-alloy / 9.5J x 20 light-alloy

BMW X3 M40d			
Transmission			
Type of gearbox	8-speed Steptronic		
Gear ratios	I	:1	5.500
	II	:1	3.520
	III	:1	2.200
	IV	:1	1.720
	V	:1	1.317
	VI	:1	1.000
	VII	:1	0.823
	VIII	:1	0.640
	R	:1	3.993
Final drive		:1	2.813
Performance			
Power-to-weight ratio (DIN)	kg/kW		8.1
Output per litre	kW/l		83.5
Acceleration 0–100 km/h	s		4.9
Top speed	km/h		250
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 48V 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, 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 with SCR catalytic converter		
Fuel consumption EU cycle			
Urban	ltr/100 km		7.2 – 6.9
Extra-urban	ltr/100 km		5.2 – 4.9
Combined	ltr/100 km		6.0 – 5.6
CO ₂	g/km		157 – 148
Emission rating			Euro 6d

Specifications apply to ACEA markets/data relevant to homologation applies in part only to Germany (weight)

¹⁾ Height including roof aerial

²⁾ Oil change

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