

Specifications.

BMW X3 M.

X3 M Competition.



BMW X3 M Competition		
Body		
No of doors/seats		5 / 5
Length/width/height (unladen)	mm	4726 / 1897 / 1669
Wheelbase	mm	2864
Track, front/rear	mm	1617 / 1602
Ground clearance	mm	206
Turning circle	m	12.6
Fuel tank capacity	approx. l	65
Engine oil ¹⁾	l	7.0
Weight, unladen, to DIN/EU	kg	1995 / 2070
Max load to DIN	kg	505
Max permissible weight	kg	2500
Max axle load, front/rear	kg	1185 / 1425
Max trailer load, braked (12%)/unbraked	kg	2400 / 750
Max roofload/max towbar download	kg	100 / 100
Luggage comp capacity	l	550 – 1600
Air resistance	C _d x A	0.36 x 2.69
Power Unit		
Config/No of cyls/valves		In-line / 6 / 4
Engine technology		M TwinPower Turbo technology with two mono-scroll turbochargers, High Precision Injection, VALVETRONIC fully variable valve timing and Double-VANOS variable camshaft timing
Effective capacity	cc	2993
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	9.3
Fuel		min. RON 95
Max output	kW/hp	375 / 510
at	rpm	6250
Max torque	Nm	600
at	rpm	2700 – 5950
Electrical System		
Battery/installation	Ah/–	105 / luggage compartment
Driving Dynamics and Safety		
Suspension, front		Adaptive M suspension with double-joint spring strut axle in aluminium construction, M-specific kinematics and rigidity
Suspension, rear		Adaptive M suspension with five-link axle in lightweight steel construction, M-specific kinematics and rigidity
Brakes, front		M compound brakes with four-piston fixed callipers and drilled, inner-vented discs
Brakes, rear		M compound brakes with single-piston floating callipers and drilled, inner-vented discs
Driving stability systems		Standard: DSC incl. ABS, ASC and M Dynamic Mode (MDM), can be switched off, CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Start-Off Assistant, Active M Differential, DSC linked with M xDrive all-wheel drive
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 stopper, belt latch tensioner and belt force limiter in the front, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS) with M-specific Servotronic function and variable sport ratio
Steering ratio, overall	:1	2.9
Tyres, front/rear		255/40 ZR21 102Y XL 265/40 ZR21 105Y XL
Rims, front/rear		9.5J x 21 light-alloy 10J x 21 light-alloy

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Transmission

Type of transmission	Eight-speed M Steptronic transmission with Drivelogic		
Gear ratios	I	:1	5.000
	II	:1	3.200
	III	:1	2.140
	IV	:1	1.720
	V	:1	1.310
	VI	:1	1.000
	VII	:1	0.820
	VIII	:1	0.640
	R	:1	3.480
Final drive		:1	3.150

Performance

Power-to-weight ratio (DIN)	kg/kW	5.3
Output per litre	kW/l	125.3
Acceleration 0–100 km/h	s	4.1
Top speed	km/h	250 / 285 ²⁾

BMW EfficientDynamics

BMW EfficientDynamics standard features	Brake Energy Regeneration, Electric Power Steering, Auto Start Stop function, Optimum Shift Indicator, BMW EfficientLightweight, on-demand operation of ancillary units, map-regulated oil pump, differential and transfer case with optimised warm-up behaviour
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Fuel Consumption ECE

Urban (NEDC)	l/100 km	15.3
Extra-urban (NEDC)	l/100 km	8.5
Combined (NEDC)	l/100 km	11.0
Combined (WLTP)	l/100 km	11.6 – 11.3
CO ₂ (NEDC)	g/km	253
CO ₂ (WLTP)	g/km	264 – 258
Emission rating		Euro 6d

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

¹⁾ Oil change with filter

²⁾ Limited / with optional M Driver's Package

Fuel consumption, CO₂ emission figures, power consumption and range were measured using the methods required according to Regulation VO (EC) 2007/715 as amended. They refer to vehicles on the automotive market in Germany. With regard to ranges, the NEDC figures take into account differences in the selected wheel and tyre size, while the WLTP figures take into account the effects of any optional equipment.

All figures are already calculated on the basis of the new WLTP test cycle. NEDC values listed have been calculated back to the NEDC measurement procedure where applicable. WLTP values are used as a basis for the assessment of taxes and other vehicle-related levies that are (also) based on CO₂ emissions and, where applicable, for the purposes of vehicle-specific subsidies. Further information on the WLTP and NEDC measurement procedures is also available at www.bmw.com/wltp.