

# Specifications.

## The new BMW X3 M.

### X3 M.



<b>BMW X3 M</b>		
<b>Body</b>		
No of doors/seats		5 / 5
Length/width/height (unladen)	mm	4726 / 1897 / 1667
Wheelbase	mm	2864
Track, front/rear	mm	1623 / 1602
Turning circle	m	12.6
Fuel tank capacity	approx. l	65
Engine oil <sup>1)</sup>	l	7.0
Weight, unladen, to DIN/EU	kg	1970 / 2045
Max load to DIN	kg	530
Max permissible weight	kg	2500
Max axle load, front/rear	kg	1185 / 1425
Max trailer load, braked (12%/unbraked)	kg	2500 / 750
Max roofload/max towbar download	kg	100 / 100
Luggage comp capacity	l	550 – 1600
Air resistance	c <sub>d</sub> x A	0.36 x 2.69
<b>Power Unit</b>		
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		RON 98 (min. RON 95)
Max output	kW/hp	353 / 480
at	rpm	6250
Max torque	Nm	600
at	rpm	2600 – 5600
<b>Electrical System</b>		
Battery/installation	Ah/-	105 / luggage compartment
<b>Driving Dynamics and Safety</b>		
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		255/45 ZR20 105Y XL 265/45 ZR20 108Y XL
Rims, front/rear		9J x 20 light-alloy 10J x 20 light-alloy

**BMW X3 M**

**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	5.6
Output per litre	kW/l	117.9
Acceleration 0–100 km/h	s	4.2
Top speed	km/h	250 / 280 <sup>2)</sup>

**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**

With standard tyres		
Urban	l/100 km	13.6 – 12.9
Extra-urban	l/100 km	9.1 – 8.7
Combined	l/100 km	10.5
CO <sub>2</sub>	g/km	239
Emission rating		Euro 6d-TEMP

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

<sup>1)</sup> Oil change with filter

<sup>2)</sup> Limited / with optional M Driver's Package

All figures relating to performance, fuel/electric power consumption and CO<sub>2</sub> emissions are provisional.

The fuel consumption and CO<sub>2</sub> emission figures are determined according to the European Regulation (EC) 715/2007 in the version applicable. The figures refer to a vehicle with basic configuration in Germany. The range shown considers the different sizes of the selected wheels/tyres and the selected items of optional equipment, and may vary during configuration.

The values are based on the new WLTP test cycle and are translated back into NEDC-equivalent values in order to ensure comparability between the vehicles. With respect to these vehicles, for vehicle-related taxes or other duties based (at least inter alia) on CO<sub>2</sub> emissions, the CO<sub>2</sub> values may differ from the values stated here (depending on national legislation).

Correct as at: 01.02.2019

Further information on official fuel consumption figures and specific CO<sub>2</sub> emission values of new passenger cars is included in the following guideline: 'Leitfaden über den Kraftstoffverbrauch, die CO<sub>2</sub>-Emissionen und den Stromverbrauch neuer Personenkraftwagen' (Guide to the fuel economy, CO<sub>2</sub> emissions and electric power consumption of new passenger cars), which can be obtained free of charge from all dealerships, from Deutsche Automobil Treuhand GmbH (DAT), Hellmuth-Hirth-Str. 1, 73760 Ostfildern-Schramhausen and at <https://www.dat.de/co2/>.

# The new BMW X3 M. X3 M Competition.

<b>BMW X3 M Competition</b>		
<b>Body</b>		
No of doors/seats		5 / 5
Length/width/height (unladen)	mm	4726 / 1897 / 1669
Wheelbase	mm	2864
Track, front/rear	mm	1617 / 1602
Turning circle	m	12.6
Fuel tank capacity	approx. l	65
Engine oil <sup>1)</sup>	l	7.0
Weight, unladen, to DIN/EU	kg	1970 / 2045
Max load to DIN	kg	530
Max permissible weight	kg	2500
Max axle load, front/rear	kg	1185 / 1425
Max trailer load, braked (12%)/unbraked	kg	2500 / 750
Max roofload/max towbar download	kg	100 / 100
Luggage comp capacity	l	550 – 1600
Air resistance	c <sub>d</sub> x A	0.36 x 2.69
<b>Power Unit</b>		
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		RON 98 (min. RON 95)
Max output	kW/hp	375 / 510
at	rpm	6250
Max torque	Nm	600
at	rpm	2600 – 5950
<b>Electrical System</b>		
Battery/installation	Ah/-	105 / luggage compartment
<b>Driving Dynamics and Safety</b>		
Suspension, front		Adaptive M suspension with double-joint spring strut axle in aluminium construction, M-specific kinematics and rigidity
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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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**BMW X3 M Competition**

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**Transmission**

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	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 <sup>2)</sup>

**BMW EfficientDynamics**

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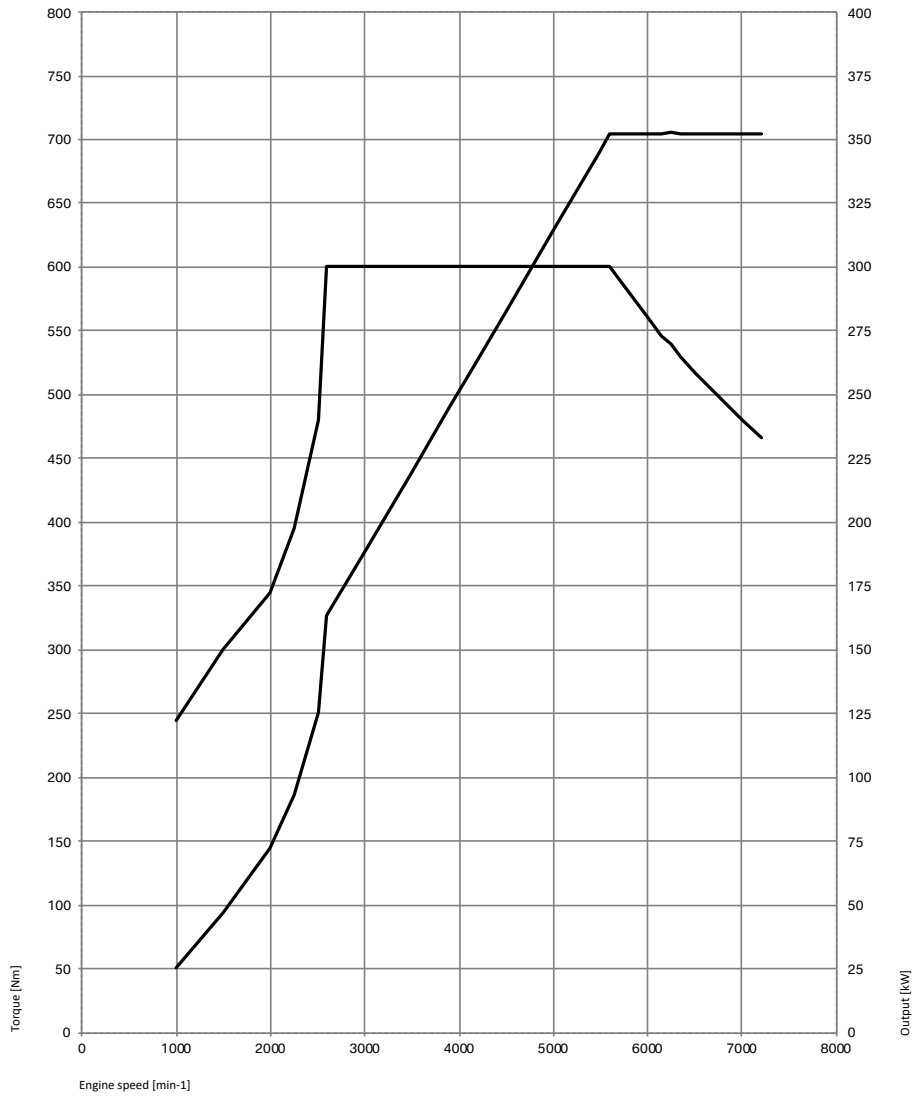
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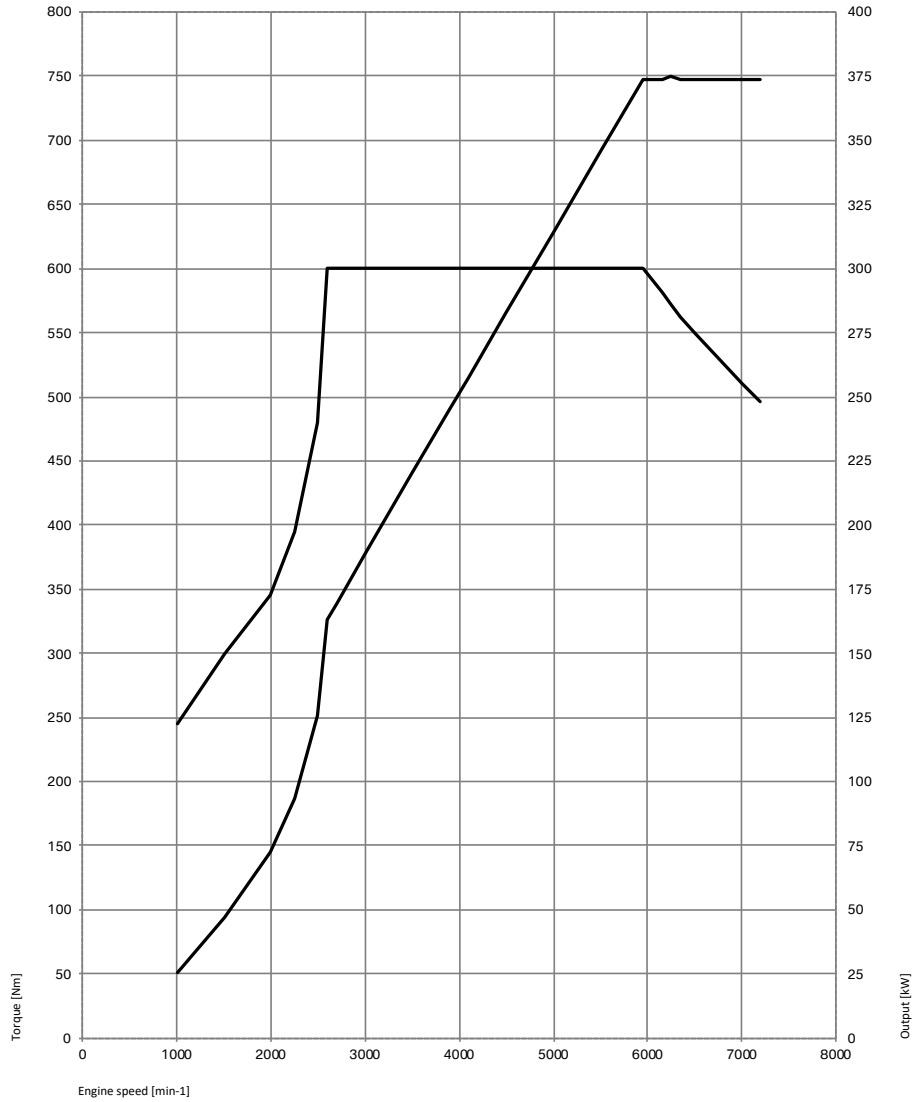
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# Output and torque diagrams. The new BMW X3 M and BMW X3 M Competition. X3 M.



# The new BMW X3 M and BMW X3 M Competition. X3 M Competition.



# Exterior and interior dimensions. The new BMW X3 M and BMW X3 M Competition.

