

1. Technical specifications. The new BMW X5 M.



BMW X5 M		
Body		
No of doors/seats		5/5
Length/width/height (unladen)	mm	4880/1985/1754
Wheelbase	mm	2933
Track, front/rear	mm	1666/1667
Ground clearance		195
Turning circle	m	12.8
Tank capacity	app ltr	85
Cooling system incl. heater	ltr	16.8
Engine oil ¹⁾	ltr	9.5
Weight, unladen, to DIN/EU	kg	2275/2350
Max load to DIN	kg	695
Max permissible weight	kg	2970
Max axle load, front/rear	kg	1420/1630
Max trailer load (12%) braked/unbraked	kg	2970/750
Max roofload/ max towbar download	kg	100/140
Luggage comp capacity	ltr	650–1870
Air resistance	c _d x A	0.38 x 2.93
Engine		
Config/No of cyls/valves		V8/4
Engine technology		BMW M TwinPower Turbo technology with variable inlet geometry, TwinScroll biturbo charging, High Precision Petrol Direct Injection, Double-VANOS, VALVETRONIC
Capacity, effective	cm ³	4395
Stroke/bore	mm	88.3/89.0
Compression ratio	:1	10.0
Fuel grade		RON 95–98
Max output	kW/hp	423/575
at	rpm	6000–6500
Torque	Nm	750
at	rpm	2200–5000
Electrical system		
Battery/installation	Ah/–	105/luggage comp
Alternator	A/W	209/n.b.
Driving Dynamics and Safety		
Suspension, front		Double-joint spring strut axle with M-specific elastokinematics, small, negative steering roll radius, anti-dive
Suspension, rear		Integral-IV rear axle with M-specific elastokinematics, spatially-acting suspension with anti-squat and anti-dive, air suspension with automatic self-levelling
Brakes, front		Six-piston fixed-calliper disc brakes, vented
Brakes, rear		Single-piston floating-calliper disc brakes, vented
Driving stability systems		Standard: DSC incl. ABS and M Dynamic Mode, Cornering Brake Control (CBC), Dynamic Brake Control (DBC), Electronic Differential Lock ADB-X, Dry Braking function, Fading Compensation, Start-Off Assistant; DSC cross-linked with xDrive all-wheel drive, Dynamic Performance Control, Hill Descent Control (HDC), Adaptive Drive
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 belt stopper, belt latch tensioner and belt force limiter at the front, crash sensors, rollover sensors, tyre defect indicator
Steering		Electric Power Steering (EPS) with M-specific Servotronic function
Steering transmission, overall	:1	17.9
Tyres, front/rear		285/40 R20 104Y / 325/35 R20 108Y
Rims, front/rear		10.0J x 20 / 11.5J x 20 light alloy

BMW X5 M

Transmission

Type of gearbox	8-speed Steptronic		
Gear ratios	I	:1	5.000
	II	:1	3.200
	III	:1	2.143
	IV	:1	1.720
	V	:1	1.313
	VI	:1	1.000
	VII	:1	0.823
	VIII	:1	0.640
	R	:1	3.478
Final drive		:1	3.154

Performance

Power-to-weight ratio (DIN)	kg/kW	5.4
Output per litre	kW/ltr	96.2
Acceleration	0–100 km/h	s
	0–1000 m	s
	80–120 km/h	s
in 4th/5th gear		–/–
Top speed	km/h	250 (280) ²⁾

BMW EfficientDynamics

BMW EfficientDynamics, standard features Brake Energy Regeneration, Electric Power Steering (EPS), Auto Start Stop function, ECO PRO mode, intelligent lightweight construction, on-demand operation of ancillary units, detachable a/c compressor

Fuel Consumption EU³⁾

With standard tyres:		
Urban	l/100km	14.7
Extra-urban	l/100km	9.0
Combined	l/100km	11.1
CO ₂	g/km	258
Emission rating		EU6

Specifications applicable to ACEA markets, data relevant to homologation applicable in part only to Germany (weight)
Figures in brackets refer to automatic transmission

¹⁾ Oil change

²⁾ In conjunction with optional M Driver's Package

³⁾ Fuel consumption and CO₂ emissions depend on the selected tyre format

The new BMW X6 M.

BMW X6 M		
Body		
No of doors/seats		5/5
Length/width/height (unladen)	mm	4909/1989/1689
Wheelbase	mm	2933
Track, front/rear	mm	1666/1667
Ground clearance		195
Turning circle	m	12.8
Tank capacity	app. ltr	85
Cooling system incl. heater	ltr	16.8
Engine oil ¹⁾	ltr	9.5
Weight, unladen, to DIN/EU	kg	2265/2340
Max load to DIN	kg	685
Max permissible weight	kg	2950
Max axle load, front/rear	kg	1420/1610
Max trailer load (12 %) braked/unbraked	kg	2950/750
Max roofload/ max towbar download	kg	100/140
Luggage comp capacity	ltr	550–1525
Air resistance	c _d x A	0.37 x 2.89
Engine		
Config/No of cyls/valves		V8/4
Engine technology		BMW M TwinPower Turbo technology with variable inlet geometry, TwinScroll biturbo charging, High Precision Petrol Direct Injection, Double-VANOS, VALVETRONIC
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	VII	:1	0.823
	VIII	:1	0.640
	R	:1	3.478
Final drive		:1	3.154
Performance			
Power-to-weight ratio (DIN)	kg/kW		5.4
Output per litre	kW/ltr		96.2
Acceleration	0–100 km/h	s	4.2
	0–1000 m	s	22.6
in 4th/5th gear	80–120 km/h	s	–/–
Top speed	km/h		250 (280) ²⁾
BMW EfficientDynamics			
BMW EfficientDynamics, standard features	Brake Energy Regeneration, Electric Power Steering (EPS), Auto Start Stop function, ECO PRO mode, intelligent lightweight construction, on-demand operation of ancillary units, detachable a/c compressor		
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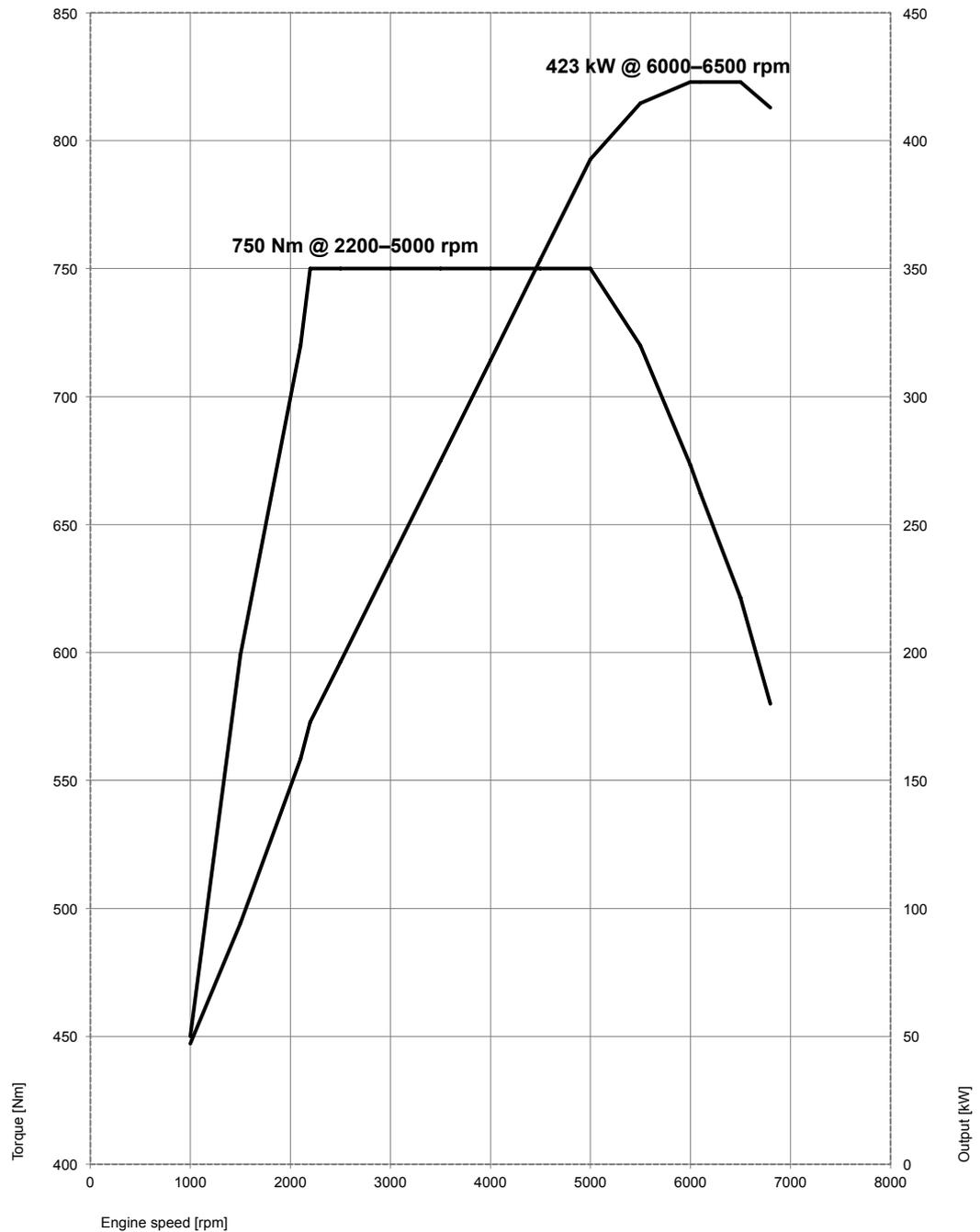
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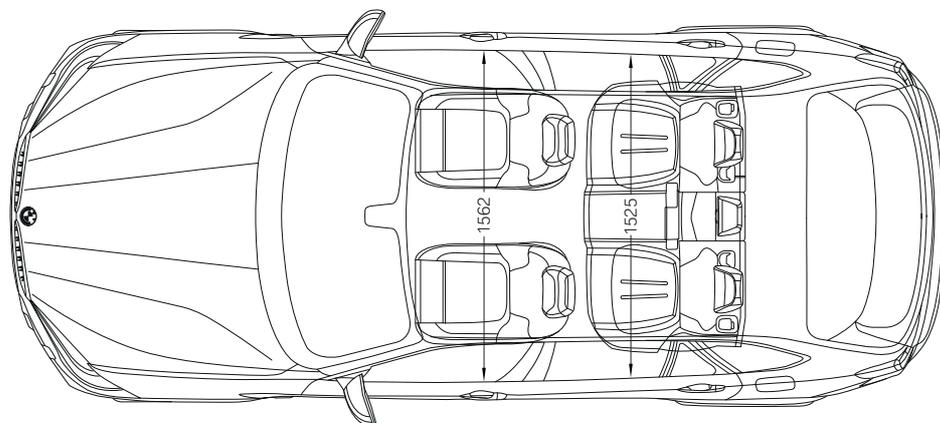
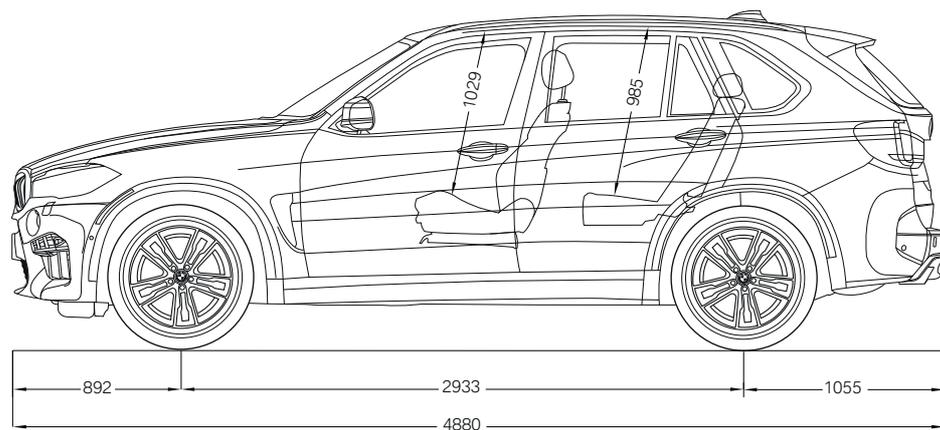
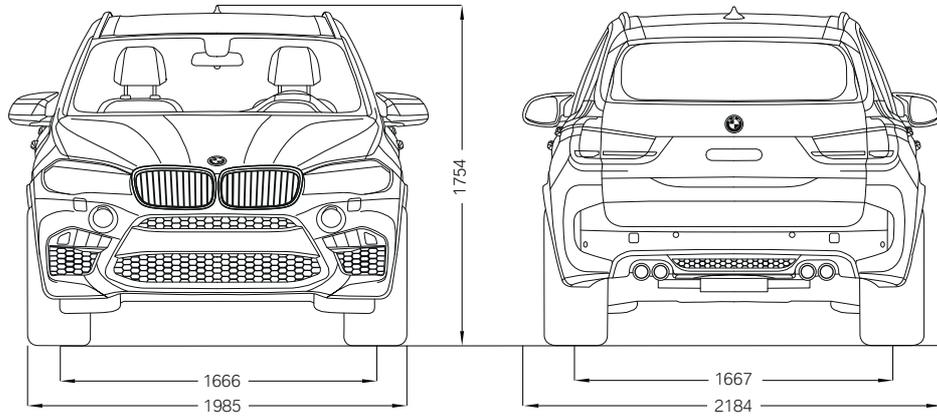
²⁾ In conjunction with optional M Driver's Package

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2. Output and torque diagram. The new BMW X5 M and the new BMW X6 M.



10. Exterior and interior dimensions. The new BMW X5 M.



The new BMW X6 M.

