

# Specifications.

## The all-new BMW X4.

### X4 M40d



BMW X4 M40d		
<b>Body</b>		
No of doors/seats		5 / 5
Length/width/height <sup>1)</sup> (unladen)	mm	4752 / 1938 / 1621
Wheelbase	mm	2864
Track, front/rear	mm	1615 / 1624
Ground clearance	mm	204
Fording depth	mm	500
Turning circle	m	12.1
Fuel tank capacity	approx. l	68
Engine oil <sup>2)</sup>	l	6.5
Weight, unladen, to DIN/EU	kg	1895 / 1970
Max load to DIN	kg	600
Max permissible weight	kg	2525
Max axle load, front/rear	kg	1220 / 1425
Max trailer load, braked (12%/unbraked)	kg	2000 / 750
Max roofload/max towbar download	kg	100 / 100
Luggage comp capacity	l	525 – 1430
Air resistance	Cd x A	0.32 x 2.59
<b>Power Unit</b>		
Config/No of cyls/valves		In-line / 6 / 4
Engine technology	BMW TwinPower Turbo technology: multi-stage charging, high-pressure and low-pressure turbochargers with variable inlet geometry, common-rail direct injection with piezo injectors (max. injection pressure: 2500 bar)	
Effective capacity	cc	2993
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel		Diesel
Max output	kW/hp	240 / 326
at	rpm	4400
Max torque	Nm	680
at	rpm	1750 – 2750
<b>Electrical System</b>		
Battery/installation	Ah/–	92 / Luggage compartment
<b>Driving Dynamics and Safety</b>		
Suspension, front	Aluminium double-joint spring strut axle	
Suspension, rear	Five-link axle in lightweight steel construction	
Brakes, front	Four-piston fixed-calliper disc brakes / vented	
Brakes, rear	Two-piston floating-calliper disc brakes / vented	
Driving stability systems	Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant, DSC networked with xDrive all-wheel-drive system, Hill Descent Control, Performance Control, M Sport differential; 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 stopper, belt latch tensioner and belt force limiter, crash sensors, tyre pressure indicator	
Steering	Electric Power Steering (EPS), variable sport steering	
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	

02/2018

Valid from  
04/2018

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Transmission			
Type of transmission		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	2.813
Performance			
Power-to-weight ratio (DIN)	kg/kW		7.9
Output per litre	kW/l		80.2
Acceleration	0–100 km/h	s	4.9
In 5th gear	80–120 km/h	s	–
Top speed	km/h		250
BMW EfficientDynamics			
BMW EfficientDynamics standard features		Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function, BMW EfficientLightweight, optimised aerodynamic attributes, on-demand operation of ancillary units, map-regulated oil pump, efficiency- and weight-optimised all-wheel drive, differential and transfer case with optimised warm-up behaviour, tyres with reduced rolling resistance, BMW BluePerformance technology	
Fuel Consumption ECE <sup>3)</sup>			
Urban	l/100 km		7.3 – 7.2
Extra-urban	l/100 km		6.3 – 5.9
Combined	l/100 km		6.6 – 6.4
CO <sub>2</sub>	g/km		173 – 170
Emission rating			EU6

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

<sup>1)</sup> Height including roof fin

<sup>2)</sup> Oil change

<sup>3)</sup> Fuel consumption and CO<sub>2</sub> emissions depend on the selected tyre format