

Specifications. BMW X3. X3 M40d



BMW X3 M40d		
Body		
No. of doors/seats		5 / 5
Length/width/height (unladen)	mm	4716 / 1897 / 1676
Wheelbase	mm	2864
Track, front/rear	mm	1615 / 1594
Ground clearance	mm	204
Fording depth	mm	500
Turning circle	m	12.1
Tank capacity	approx. ltr	68
Engine oil ¹⁾	ltr	6.5
Weight, unladen, to DIN/EU	kg	1895 / 1970
Max. load to DIN	kg	640
Max. permissible weight	kg	2550
Max. axle load, front/rear	kg	1220 / 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	0.32 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 solenoid valve injectors (max. injection pressure: 2500 bar)
Effective capacity	cm ³	2993
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel		diesel
Output	kW/hp	240 / 326
at	rpm	4400
Torque	Nm	680
at	rpm	1750 – 2750
Electrical System		
Battery/Installation	Ah/–	92 / luggage 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: driver and front-seat passenger airbags, driver and front-seat passenger side airbags, head airbags front and rear, three-point automatic seatbelts for all seats, seatbelt tensioners and seatbelt force limiters in front seats, crash sensors, tyre pressure indicator
Steering		Electromechanical rack-and-pinion power steering (EPS) with Servotronic function; optional: 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 LM/ 9.5J x 20 LM

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Transmission			
Type of gearbox		8-speed Steptronic transmission	
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/ltr	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, EPS (Electric Power Steering), 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-controlled oil pump, efficiency- and weight-optimised all-wheel drive, differential and transfer case with optimised warm-up behaviour, BMW Blue Performance Technology	
Fuel consumption EU cycle ²⁾			
Urban	ltr/100 km	7.4 – 7.2	
Extra-urban	ltr/100 km	6.1 – 5.8	
Combined	ltr/100 km	6.5 – 6.4	
CO ₂	g/km	172 – 169	
Emission rating		EU6d-TEMP	

Technical data valid for ACEA countries/Some permitted weights valid only for Germany

¹⁾ Oil change volume

²⁾ Fuel consumption and CO₂ emissions depend on the selected tyre format

Output and torque diagram. BMW X3. X3 M40d.

