

Specifications.

BMW X4.

X4 M40i



BMW X4 M40i		
Body		
No. of doors/seats		5 / 5
Length/width/height (unladen)	mm	4733 / 1938 / 1621
Wheelbase	mm	2864
Track, front/rear	mm	1615 / 1624
Ground clearance	mm	204
Fording depth	mm	500
Turning circle	m	12.1
Tank capacity	approx. ltr	65
Engine oil ¹⁾	ltr	6.5
Weight, unladen, to DIN/EU	kg	1825 / 1900
Max. load to DIN	kg	600
Max. permissible weight	kg	2530
Max. axle load, front/rear	kg	1190 / 1375
Max. trailer load, braked (12%/unbraked)	kg	2000 / 750
Max. roof load/towbar download	kg	100 / 100
Luggage comp. capacity	ltr	525 – 1430
Air resistance	$c_d \times A$	0.30 x 2.59
Engine		
Config./No. of cyls./valves		in-line / 6 / 4
Engine technology		M Performance TwinPower Turbo technology: TwinScroll turbocharger, High Precision Direct Injection, VALVETRONIC fully variable valve control, Double-VANOS variable camshaft timing
Effective capacity	cm ³	2998
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	11.0
Fuel		min RON 91
Output	kW/hp	260 / 354
at	rpm	5500 – 6500
Torque	Nm	500
at	rpm	1550 – 4500
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, 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

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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	1.314
	VI	:1	1.000
	VII	:1	0.822
	VIII	:1	0.640
	R	:1	3.456
Final drive		:1	3.385
Performance			
Power-to-weight ratio (DIN)	kg/kW		7.0
Output per litre	kW/ltr		86.7
Acceleration 0–100 km/h	s		4.8
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 power divider with optimized-warm-up behaviour		
Fuel consumption EU cycle²⁾			
Urban	ltr/100 km		11.5 – 11.3
Extra-urban	ltr/100 km		7.7 – 7.6
Combined	ltr/100 km		9.1 – 9.0
CO ₂	g/km		206 – 205
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

The fuel consumption, CO₂ emissions and electric power consumption figures were 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 already based on the new WLTP test cycle and have been 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 CO₂ emissions, the CO₂ values may differ from the values stated here (depending on national legislation).

The CO₂ efficiency specifications are determined according to Directive 1999/94/EC and the latest version of the Pkw-EnVKV, and based (for classification) on the fuel consumption and CO₂ values as per the NEDC cycle.

Further information on official fuel consumption figures and specific CO₂ emission values of new passenger cars is included in the following guideline: 'Leitfaden über den Kraftstoffverbrauch, die CO₂-Emissionen und den Stromverbrauch neuer Personenkraftwagen' (Guideline for fuel consumption, CO₂ emissions and electric power consumption of new passenger cars), which can be obtained free of charge from all dealerships and at <https://www.dat.de/en/offers/publications/guideline-for-fuel-consumption.html>.