

Technical specifications.

The new BMW X3: X3 xDrive20i.



BMW X3 xDrive20i		
Body		
Number of doors/seats		5 / 5
Length/width/height ¹⁾ (empty)	mm	4708 / 1891 / 1676
Wheelbase	mm	2864
Track width, front/rear	mm	1620 / 1636
Turning circle	m	12.0
Fuel tank capacity	approx. l	65
Engine oil ²⁾	l	5.25
Unladen weight according to DIN/EU	kg	1800 / 1875
Payload according to DIN	kg	610
Permitted total weight	kg	2410
Permitted axle loads, front/rear	kg	1140 / 1390
Permitted trailer load braked (12 %) / unbraked	kg	2400 / 750
Permitted roof load/permitted download	kg	100 / 100
Luggage compartment capacity	l	550 – 1600
Drag coefficient	c _x	0.29 – 0.34
Engine		
Type/no. of cylinders/valves		inline / 4 / 4
Engine technology		BMW TwinPower Turbo Technology: Twin-scroll turbocharger, direct fuel injection: High Precision Injection, fully variable valve control (VALVETRONIC), Double VANOS variable camshaft control
Capacity, effective	cc	1998
Stroke/bore	mm	94.6 / 82.0
Compression	:1	11.0
Fuel		min RON 91
Output	kW/hp	135 / 184
at engine speed	rpm	5000 – 6500
Torque	Nm	300
at engine speed	rpm	1350 – 4000
48 Volt mild hybrid technology output	kW/hp	8 / 11
Electrical system		
Battery/installation	Ah / –	90 / Luggage compartment
48 volt battery/installation location	Ah / –	11 / engine compartment
Driving dynamics and safety		
Front wheel suspension		Double-joint tension strut axle in aluminium construction
Rear wheel suspension		Five-link axle in lightweight steel construction
Brakes, front		Single-piston, floating-caliper disc brakes, ventilated
Brakes, rear		Single-piston, floating-caliper disc brakes, ventilated
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), Cornering Brake Control CBC, brake assistant DBC, brake dry function, Fading Brake Support, Hill Start Control, DSC linked with xDrive all-wheel drive, Hill Descent Control, optional: M sports suspension, adaptive suspension, Performance Control
Safety equipment		Standard: Airbags for driver and passenger, side airbags for driver and passenger, front and rear head airbags, 3-point automatic-reel belt on all seats, with seat belt stopper at front, seat belt tensioner and seat belt force limiter, crash sensors, tyre pressure display
Steering		Electromechanical rack power steering (EPS) with Servotronic function, optional: Variable sports steering
Overall steering ratio	:1	16.8
Tyres, front/rear.		225/60 R18 104W XL
Wheel rims, front/rear		7J x 18 light alloy

BMW X3 xDrive20i			
Transmission			
Transmission type	8-speed Steptronic transmission		
Gear ratio	I	:1	5.250
	II	:1	3.360
	III	:1	2.172
	IV	:1	1.720
	V	:1	1.316
	VI	:1	1.000
	VII	:1	0.822
	VIII	:1	0.640
	R	:1	3.712
Rear axle ratio		:1	3.385
Driving performance figures			
Weight-to-power ratio (DIN)	kg/kW		13.3
Power output per litre	kW/l		67.6
Acceleration 0-100 km/h	s		8.4
Top speed	km/h		215
Offroad properties			
Overhang angle front/rear	°		25.0 / 23.3
Ramp angle	°		20.0
Ground clearance, empty	mm		204
Wading depth (at 7 km/h)	mm		500
BMW EfficientDynamics			
BMW EfficientDynamics measures as standard	Mild hybrid technology with 48-volt starter generator, brake energy recuperation with recuperation indicator, electromechanical power steering, Auto Start Stop function, shift display, ECO PRO and COMFORT modes with coasting function, BMW EfficientLightweight, optimised aerodynamic properties, active air flap control, auxiliary units controlled according to demand, map-controlled oil pump, efficiency and weight-optimised all-wheel drive, rear axle and transfer case with optimised efficiency, tyres with reduced rolling resistance		
Fuel consumption in EU cycle			
total (WLTP)	l/100 km		8.4 – 7.6
CO ₂ (WLTP)	g/km		192 – 172
Emission rating			Euro 6d
Insurance rating			
3rd party/fully comprehensive/3rd party fire + theft			18 / 25 / 23

Technical specifications valid for ACEA markets / registration-related data only relevant to Germany in some cases (weights)

¹⁾ Height including roof fin

²⁾ Oil change amount

Official figures for fuel consumption, CO₂ emissions and power consumption were measured using the stipulated method and comply with Regulation VO (EC) 715/2007 as amended. With regard to ranges, the NEDC figures take into account differences in the selected wheel and tyre size, while the WLTP figures allow for the effects of all optional extras. WLTP figures are used to assess taxes and other vehicle-related duties which are (also) based on CO₂ emissions and, where applicable, for the purpose of vehicle-specific subsidies. The NEDC figures shown here were calculated using the new WLTP measurement method and adapted to the NEDC method for comparison purposes. For vehicles which have been newly type-approved since 01.01.2021, official figures are only available according to WLTP. For further details of the NEDC and WLTP measurement methods, see www.bmw.de/wltp.

For further details of the official fuel consumption figures and official specific CO₂ emissions of new cars, please refer to the "Manual on the fuel consumption, CO₂ emissions and power consumption of new cars", available at sales outlets, from Deutsche Automobil Treuhand GmbH (DAT), Hellmuth-Hirth-Str. 1, 73760 Ostfildern-Scharnhausen and at <https://www.dat.de/co2/> free of charge.

BMW X3. X3 xDrive30i.

BMW X3 xDrive30i		
Body		
Number of doors/seats		5 / 5
Length/width/height ¹⁾ (empty)	mm	4708 / 1891 / 1676
Wheelbase	mm	2864
Track width, front/rear	mm	1620 / 1636
Turning circle	m	12.0
Fuel tank capacity	approx. l	65
Engine oil ²⁾	l	5.75
Unladen weight according to DIN/EU	kg	1810 / 1885
Payload according to DIN	kg	640
Permitted total weight	kg	2450
Permitted axle loads, front/rear	kg	1160 / 1400
Permitted trailer load braked (12 %) / unbraked	kg	2400 / 750
Permitted roof load/permitted download	kg	100 / 100
Luggage compartment capacity	l	550 – 1600
Drag coefficient	c _x	0.29 – 0.34
Engine		
Type/no. of cylinders/valves		inline / 4 / 4
Engine technology		BMW TwinPower Turbo Technology: Twin-scroll turbocharger, direct fuel injection: High Precision Injection, fully variable valve control (VALVETRONIC), Double VANOS variable camshaft control
Capacity, effective	cc	1998
Stroke/bore	mm	94.6 / 82.0
Compression	:1	10.2
Fuel		min RON 91
Output	kW/hp	180 / 245
at engine speed	rpm	5000 – 6500
Torque	Nm	350
at engine speed	rpm	1460 – 4800
48 Volt mild hybrid technology output	kW/hp	8 / 11
Electrical system		
Battery/installation	Ah / –	90 / Luggage compartment
48 volt battery/installation location	Ah / –	11 / engine compartment
Driving dynamics and safety		
Front wheel suspension		Double-joint tension strut axle in aluminium construction
Rear wheel suspension		Five-link axle in lightweight steel construction
Brakes, front		Single-piston, floating-caliper disc brakes, ventilated
Brakes, rear		Single-piston, floating-caliper disc brakes, ventilated
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), Cornering Brake Control CBC, brake assistant DBC, brake dry function, Fading Brake Support, Hill Start Control, DSC linked with xDrive all-wheel drive, Hill Descent Control, optional: M sports suspension, adaptive suspension, Performance Control
Safety equipment		Standard: Airbags for driver and passenger, side airbags for driver and passenger, front and rear head airbags, 3-point automatic-reel belt on all seats, with seat belt stopper at front, seat belt tensioner and seat belt force limiter, crash sensors, tyre pressure display
Steering		Electro-mechanical rack power steering (EPS) with Servotronic function, optional: Variable sports steering
Overall steering ratio	:1	16.8
Tyres, front/rear.		225/60 R18 104W XL
Wheel rims, front/rear		7J x 18 light alloy

BMW X3 xDrive30i			
Transmission			
Transmission type	8-speed Steptronic transmission		
Gear ratio	I	:1	5.250
	II	:1	3.360
	III	:1	2.172
	IV	:1	1.720
	V	:1	1.316
	VI	:1	1.000
	VII	:1	0.822
	VIII	:1	0.640
	R	:1	3.712
Rear axle ratio		:1	3.385
Driving performance figures			
Weight-to-power ratio (DIN)	kg/kW		10.1
Power output per litre	kW/l		90.1
Acceleration 0-100 km/h	s		6.6
Top speed	km/h		235
Offroad properties			
Overhang angle front/rear	°		25.0 / 23.3
Ramp angle	°		20.0
Ground clearance, empty	mm		204
Wading depth (at 7 km/h)	mm		500
BMW EfficientDynamics			
BMW EfficientDynamics measures as standard	Mild hybrid technology with 48-volt starter generator, brake energy recuperation with recuperation indicator, electromechanical power steering, Auto Start Stop function, shift display, ECO PRO and COMFORT modes with gliding function, BMW EfficientLightweight, optimised aerodynamic properties, active air flap control, auxiliary units controlled according to demand, map-controlled oil pump, efficiency and weight-optimised all-wheel drive, rear axle and transfer case with optimised efficiency, tyres with reduced rolling resistance		
Fuel consumption in EU cycle			
total (WLTP)	l/100 km		8.5 – 7.6
CO ₂ (WLTP)	g/km		194 – 173
Emission rating			Euro 6d
Insurance rating			
3rd party/fully comprehensive/3rd party fire + theft			19 / 26 / 23

Technical specifications valid for ACEA markets / registration-related data only relevant to Germany in some cases (weights)

¹⁾ Height including roof fin

²⁾ Oil change amount

Official figures for fuel consumption, CO₂ emissions and power consumption were measured using the stipulated method and comply with Regulation VO (EC) 715/2007 as amended. With regard to ranges, the NEDC figures take into account differences in the selected wheel and tyre size, while the WLTP figures allow for the effects of all optional extras. WLTP figures are used to assess taxes and other vehicle-related duties which are (also) based on CO₂ emissions and, where applicable, for the purpose of vehicle-specific subsidies. The NEDC figures shown here were calculated using the new WLTP measurement method and adapted to the NEDC method for comparison purposes. For vehicles which have been newly type-approved since 01.01.2021, official figures are only available according to WLTP. For further details of the NEDC and WLTP measurement methods, see www.bmw.de/wltp.

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BMW X3. X3 M40i.

BMW X3 M40i		
Body		
Number of doors/seats		5 / 5
Length/width/height ¹⁾ (empty)	mm	4713 / 1897 / 1676
Wheelbase	mm	2864
Track width, front/rear	mm	1615 / 1594
Turning circle	m	12.0
Fuel tank capacity	approx.	65
Engine oil ²⁾	l	7.2
Unladen weight according to DIN/EU	kg	1910 / 1985
Payload according to DIN	kg	575
Permitted total weight	kg	2485
Permitted axle loads, front/rear	kg	1200 / 1390
Permitted trailer load braked (12 %) / unbraked	kg	2400 / 750
Permitted roof load/permitted download	kg	100 / 100
Luggage compartment capacity	l	550 – 1600
Drag coefficient	c _x	0.33 – 0.35
Engine		
Type/no. of cylinders/valves		inline / 6 / 4
Engine technology		M Performance TwinPower Turbo Technology: Twin-scroll turbocharger, direct fuel injection: High Precision Injection, fully variable valve control VALVETRONIC, Double VANOS variable camshaft control
Capacity, effective	cc	2998
Stroke/bore	mm	94.6 / 82.0
Compression	:1	10.2
Fuel		min RON 91
Output	kW/hp	265 / 360
at engine speed	rpm	5200 – 6500
Torque	Nm	500
at engine speed	rpm	1900 – 5000
48 Volt mild hybrid technology output	kW/hp	8 / 11
Electrical system		
Battery/installation	Ah / –	90 / Luggage compartment
48 volt battery/installation location	Ah / –	11 / engine compartment
Driving dynamics and safety		
Front wheel suspension		Double-joint tension strut axle in aluminium construction
Rear wheel suspension		Five-link axle in lightweight steel construction
Brakes, front		Four-piston, fixed-caliper disc brakes, ventilated
Brakes, rear		Two-piston, floating-caliper disc brakes, ventilated
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), Cornering Brake Control CBC, brake assistant DBC, brake dry function, Fading Brake Support, Hill Start Control, Hill Descent Control, Performance Control, M sports suspension, M sports differential, DSC linked with xDrive all-wheel drive, optional: Adaptive M suspension
Safety equipment		Standard: Airbags for driver and passenger, side airbags for driver and passenger, front and rear head airbags, 3-point automatic-reel belt on all seats, with seat belt stopper at front, seat belt tensioner and seat belt force limiter, crash sensors, tyre pressure display
Steering		Electromechanical rack power steering (EPS); variable sports steering with Servotronic function
Overall steering ratio	:1	16.8
Tyres, front/rear.		245/45 R20 103W XL 275/40 R20 106W XL
Wheel rims, front/rear		8J × 20 light alloy 9.5J × 20 light alloy

BMW X3 M40i			
Transmission			
Transmission type		8-speed Steptronic Sport transmission	
Gear ratio	I	:1	5.250
	II	:1	3.360
	III	:1	2.172
	IV	:1	1.720
	V	:1	1.316
	VI	:1	1.000
	VII	:1	0.822
	VIII	:1	0.640
	R	:1	3.712
Rear axle ratio		:1	3.385
Driving performance figures			
Weight-to-power ratio (DIN)	kg/kW		7.1
Power output per litre	kW/l		88.4
Acceleration 0-100 km/h	s		4.9
Top speed	km/h		250
Offroad properties			
Overhang angle front/rear	°		25.0 / 23.1
Ramp angle	°		20.0
Ground clearance, empty	mm		204
Wading depth (at 7 km/h)	mm		500
BMW EfficientDynamics			
BMW EfficientDynamics measures as standard			Mild hybrid technology with 48-volt starter generator, brake energy recuperation with recuperation indicator, electromechanical power steering, Auto Start Stop function, shift display, ECO PRO and COMFORT modes with coasting function, BMW EfficientLightweight, optimised aerodynamic properties, active air flap control, auxiliary units controlled according to demand, map-controlled oil pump, efficiency and weight-optimised all-wheel drive, rear axle and transfer case with optimised efficiency
Fuel consumption in EU cycle			
total (WLTP)	l/100 km		9.5 – 8.8
CO ₂ (WLTP)	g/km		216 – 199
Emission rating			Euro 6d
Insurance rating			
3rd party/fully comprehensive/3rd party fire + theft			21 / 27 / 28

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¹⁾ Height including roof fin

²⁾ Oil change amount

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BMW X3. X3 xDrive30e.

BMW X3 xDrive30e			
Body			
Number of doors/seats			5 / 5
Length/width/height ¹⁾ (empty)	mm		4708 / 1891 / 1676
Wheelbase	mm		2864
Track width, front/rear	mm		1620 / 1636
Turning circle	m		12.0
Fuel tank capacity	approx. l		50
Engine oil ²⁾	l		5.25
Unladen weight according to DIN/EU	kg		1990 / 2065
Payload according to DIN	kg		610
Permitted total weight	kg		2600
Permitted axle loads, front/rear	kg		1200 / 1515
Permitted trailer load			
braked (12 %) / unbraked	kg		2000 / 750
Permitted roof load/permitted download	kg		100 / 100
Luggage compartment capacity	l		450 – 1500
Drag coefficient	c _x		0.29 – 0.34
Drive			
Drive concept		Full hybrid drive, transmission of engine torque of one or both motors to all four wheels via BMW xDrive	
System performance	kW/hp		215 / 292
System torque	Nm		420
System weight-to-power ratio (DIN)	kg/kW		9.3
Petrol engine			
Type/no. of cylinders/valves			inline / 4 / 4
Engine technology		BMW TwinPower Turbo Technology: Twin-scroll turbocharger, direct fuel injection: High Precision Injection, fully variable valve control (VALVETRONIC), Double VANOS variable camshaft control	
Capacity, effective	cc		1998
Stroke/bore	mm		94.6 / 82.0
Compression	:1		11.0
Fuel			min RON 91
Output	kW/hp		135 / 184
at engine speed	rpm		5000 – 6500
Torque	Nm		300
at engine speed	rpm		1350 – 4000
Power output per litre	kW/l		67.6
Electric motor			
Motor technology		BMW eDrive Technology: Synchronous electric motor integrated into 8-speed Steptronic transmission, generator function for recuperating energy for the high-voltage storage system	
Top performance	kW/hp		80 / 109
at engine speed	rpm		3140
Torque	Nm		265
at engine speed	rpm		100 – 2500
Recuperation performance	kW		20
High voltage storage system			
Storage system technology / installation location			Lithium ion / under rear seat
Voltage	V		354
Energy content (gross)	kWh		12.0
Charging time for 80% charge			2.4 h at 3.7 kW (16 A / 230 V)
Transmission			
Transmission type			8-speed Steptronic transmission
Gear ratio	I	:1	4.714
	II	:1	3.143
	III	:1	2.106
	IV	:1	1.667
	V	:1	1.285
	VI	:1	1.000
	VII	:1	0.839
	VIII	:1	0.667
	R	:1	3.317
Final drive ratio I		:1	3.385

BMW X3 xDrive30e

Driving dynamics and safety

Front wheel suspension	Double-joint tension strut axle in aluminium construction	
Rear wheel suspension	Five-link axle in lightweight steel construction	
Brakes, front	Single-piston, floating-caliper disc brakes, ventilated	
Brakes, rear	Single-piston, floating-caliper disc brakes, ventilated	
Driving stability systems	Standard: DSC incl. ABS and DTC (Dynamic Traction Control), Cornering Brake Control CBC, brake assistant DBC, brake dry function, Fading Brake Support, Hill Start Control, DSC linked with xDrive all-wheel drive, Hill Descent Control, optional: Adaptive suspension, Performance Control	
Safety equipment	Standard: Airbags for driver and passenger, side airbags for driver and passenger, front and rear head airbags, 3-point automatic-reel belt on all seats, with seat belt stopper at front, seat belt tensioner and seat belt force limiter, crash sensors, tyre pressure display	
Steering	Electromechanical rack power steering (EPS) with Servotronic function, optional: Variable sports steering	
Overall steering ratio	:1	16.8
Tyres, front/rear.	225/60 R18 104W XL	
Wheel rims, front/rear	7J x 18 light alloy	

Driving performance figures

Acceleration 0-100 km/h	s	6.1
Top speed	km/h	210
Maximum speed electric	km/h	135
Electric range (WLTP)	km	42-50

Offroad properties

Overhang angle front/rear	°	25.0 / 23.3
Ramp angle	°	20.0
Ground clearance, empty	mm	204
Wading depth (at 7 km/h)	mm	500

BMW EfficientDynamics

BMW EfficientDynamics measures as standard	BMW eDrive technology, electromechanical power steering, hybrid specific Auto Start Stop function, shift point display, ECO PRO model with coasting function, Forward View Assist, BMW EfficientLightweight, optimised aerodynamic properties, active air flap control, needs-based control of ancillary components, map-controlled oil pump, electric air-conditioning compressor, rear axle differential and transfer gearbox with optimised efficiency, tyres with reduced rolling resistance	
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Fuel consumption in EU cycle

Fuel consumption weighted combined (WLTP)	l/100 km	2.6 – 2.0
CO ₂ emissions from fuel (WLTP)	g/km	59 – 45
Electric power consumption combined (WLTP)	kWh/100 km	20.5 – 18.9
Emission rating	Euro 6d	

Insurance rating

3rd party/fully comprehensive/3rd party fire + theft	19 / 26 / 23	
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¹⁾ Height including roof fin

²⁾ Oil change amount

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BMW X3. X3 xDrive20d.

BMW X3 xDrive20d		
Body		
Number of doors/seats		5 / 5
Length/width/height ¹⁾ (empty)	mm	4708 / 1891 / 1676
Wheelbase	mm	2864
Track width, front/rear	mm	1620 / 1636
Turning circle	m	12.0
Fuel tank capacity	approx.	68
Engine oil ²⁾	l	5.5
Unladen weight according to DIN/EU	kg	1840 / 1915
Payload according to DIN	kg	660
Permitted total weight	kg	2500
Permitted axle loads, front/rear	kg	1200 / 1430
Permitted trailer load braked (12 %) / unbraked	kg	2400 / 750
Permitted roof load/permitted download	kg	100 / 100
Luggage compartment capacity	l	550 – 1600
Drag coefficient	c _x	0.29 – 0.35
Engine		
Type/no. of cylinders/valves		inline / 4 / 4
Engine technology		BMW TwinPower Turbo Technology: Multi-stage turbocharging, low-pressure charger with variable inlet geometry, common-rail direct injection with solenoid valve injectors (max. injection pressure: 2500 bar)
Capacity, effective	cc	1995
Stroke/bore	mm	90.0 / 84.0
Compression	:1	16.5
Fuel		Diesel
Output	kW/hp	140 / 190
at engine speed	rpm	4000
Torque	Nm	400
at engine speed	rpm	1750 – 2500
48 Volt mild hybrid technology output	kW/hp	8 / 11
Electrical system		
12 volt battery/installation location	Ah / –	80 / Luggage compartment
48 volt battery/installation location	Ah / –	11 / engine compartment
Driving dynamics and safety		
Front wheel suspension		Double-joint tension strut axle in aluminium construction
Rear wheel suspension		Five-link axle in lightweight steel construction
Brakes, front		Single-piston, floating-caliper disc brakes, ventilated
Brakes, rear		Single-piston, floating-caliper disc brakes, ventilated
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), Cornering Brake Control CBC, brake assistant DBC, brake dry function, Fading Brake Support, Hill Start Control, DSC linked with xDrive all-wheel drive, Hill Descent Control, optional: M sports suspension, adaptive suspension, Performance Control
Safety equipment		Standard: Airbags for driver and passenger, side airbags for driver and passenger, front and rear head airbags, 3-point automatic-reel belt on all seats, with seat belt stopper at front, seat belt tensioner and seat belt force limiter, crash sensors, tyre pressure display
Steering		Electro-mechanical rack power steering (EPS) with Servotronic function, optional: Variable sports steering
Overall steering ratio	:1	16.8
Tyres, front/rear.		225/60 R18 104W XL
Wheel rims, front/rear		7J x 18 light alloy

BMW X3 xDrive20d			
Transmission			
Transmission type	8-speed Steptronic transmission		
Gear ratio	I	:1	5.250
	II	:1	3.360
	III	:1	2.172
	IV	:1	1.720
	V	:1	1.316
	VI	:1	1.000
	VII	:1	0.822
	VIII	:1	0.640
	R	:1	3.712
Rear axle ratio		:1	3.231
Driving performance figures			
Weight-to-power ratio (DIN)	kg/kW		13.1
Power output per litre	kW/l		70.2
Acceleration 0-100 km/h	s		7.9
Top speed	km/h		213
Offroad properties			
Overhang angle front/rear	°		25.0 / 23.3
Ramp angle	°		20.0
Ground clearance, empty	mm		204
Wading depth (at 7 km/h)	mm		500
BMW EfficientDynamics			
BMW EfficientDynamics measures as standard	Mild hybrid technology with 48-volt starter generator, brake energy recuperation with recuperation indicator, Auto Start Stop function, ECO PRO and COMFORT modes with coasting function, Forward View Assist. Shift display, electromechanical power steering, BMW EfficientLightweight, active air flap control, optimised aerodynamic properties, auxiliary units controlled according to demand, map-controlled oil pump, efficiency and weight optimised all-wheel drive, rear axle and transfer gearbox with optimised efficiency, tyres with reduced rolling resistance, BMW BluePerformance technology with SCR catalytic converter		
Fuel consumption in EU cycle			
total (WLTP)	l/100 km		6.5 – 5.8
CO ₂ (WLTP)	g/km		171 – 151
Emission rating			Euro 6d
Insurance rating			
3rd party/fully comprehensive/3rd party fire + theft			17 / 25 / 24

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¹⁾ Height including roof fin

²⁾ Oil change amount

Official figures for fuel consumption, CO₂ emissions and power consumption were measured using the stipulated method and comply with Regulation VO (EC) 715/2007 as amended. With regard to ranges, the NEDC figures take into account differences in the selected wheel and tyre size, while the WLTP figures allow for the effects of all optional extras. WLTP figures are used to assess taxes and other vehicle-related duties which are (also) based on CO₂ emissions and, where applicable, for the purpose of vehicle-specific subsidies. The NEDC figures shown here were calculated using the new WLTP measurement method and adapted to the NEDC method for comparison purposes. For vehicles which have been newly type-approved since 01.01.2021, official figures are only available according to WLTP. For further details of the NEDC and WLTP measurement methods, see www.bmw.de/wltp.

For further details of the official fuel consumption figures and official specific CO₂ emissions of new cars, please refer to the "Manual on the fuel consumption, CO₂ emissions and power consumption of new cars", available at sales outlets, from Deutsche Automobil Treuhand GmbH (DAT), Hellmuth-Hirth-Str. 1, 73760 Ostfildern-Scharnhausen and at <https://www.dat.de/co2/>.

BMW X3. X3 xDrive30d.

BMW X3 xDrive30d		
Body		
Number of doors/seats		5 / 5
Length/width/height ¹⁾ (empty)	mm	4708 / 1891 / 1676
Wheelbase	mm	2864
Track width, front/rear	mm	1620 / 1636
Turning circle	m	12.0
Fuel tank capacity	approx. l	68
Engine oil ²⁾	l	7.0
Unladen weight according to DIN/EU	kg	1935 / 2010
Payload according to DIN	kg	615
Permitted total weight	kg	2550
Permitted axle loads, front/rear	kg	1220 / 1415
Permitted trailer load braked (12 %) / unbraked	kg	2400 / 750
Permitted roof load/permited download	kg	100 / 100
Luggage compartment capacity	l	550 – 1600
Drag coefficient	c _x	0.29 – 0.35
Engine		
Type/no. of cylinders/valves		inline / 6 / 4
Engine technology		BMW TwinPower Turbo Technology: Multi-stage turbocharging, low-pressure charger with variable inlet geometry, common-rail direct injection with piezo injectors (max. injection pressure: 2700 bar)
Capacity, effective	cc	2993
Stroke/bore	mm	90.0 / 84.0
Compression	:1	16.5
Fuel		Diesel
Output	kW/hp	210 / 286
at engine speed	rpm	4000
Torque	Nm	650
at engine speed	rpm	1500 – 2500
48 Volt mild hybrid technology output	kW/hp	8 / 11
Electrical system		
12 volt battery/installation location	Ah / –	90 / Luggage compartment
48 volt battery/installation location	Ah / –	11 / engine compartment
Driving dynamics and safety		
Front wheel suspension		Double-joint tension strut axle in aluminium construction
Rear wheel suspension		Five-link axle in lightweight steel construction
Brakes, front		Single-piston, floating-caliper disc brakes, ventilated
Brakes, rear		Single-piston, floating-caliper disc brakes, ventilated
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), Cornering Brake Control CBC, brake assistant DBC, brake dry function, Fading Brake Support, Hill Start Control, Hill Descent Control, Performance Control, DSC linked with xDrive all-wheel drive; optional: M sports suspension, adaptive suspension
Safety equipment		Standard: Airbags for driver and passenger, side airbags for driver and passenger, front and rear head airbags, 3-point automatic-reel belt on all seats, with seat belt stopper at front, seat belt tensioner and seat belt force limiter, crash sensors, tyre pressure display
Steering		Electro-mechanical rack power steering (EPS) with Servotronic function, optional: Variable sports steering
Overall steering ratio	:1	16.8
Tyres, front/rear.		225/60 R18 104W XL
Wheel rims, front/rear		7J x 18 light alloy

BMW X3 xDrive30d			
Transmission			
Transmission type	8-speed Steptronic transmission		
Gear ratio	I	:1	5.500
	II	:1	3.520
	III	:1	2.200
	IV	:1	1.720
	V	:1	1.317
	VI	:1	1.000
	VII	:1	0.823
	VIII	:1	0.640
	R	:1	3.993
Rear axle ratio		:1	2.813
Driving performance figures			
Weight-to-power ratio (DIN)	kg/kW		9.2
Power output per litre	kW/l		70.2
Acceleration 0-100 km/h	s		5.7
Top speed	km/h		245
Offroad properties			
Overhang angle front/rear	°		25.0 / 23.3
Ramp angle	°		20.0
Ground clearance, empty	mm		204
Wading depth (at 7 km/h)	mm		500
BMW EfficientDynamics			
BMW EfficientDynamics measures as standard	Mild hybrid technology with 48-volt starter generator, brake energy recuperation with recuperation indicator, Auto Start Stop function, ECO PRO and COMFORT modes with coasting function, Forward View Assist, shift display, electromechanical power steering, optimised aerodynamic properties, BMW EfficientLightweight, active air flap control, auxiliary units controlled according to demand, map-controlled oil pump, efficiency and weight-optimised all-wheel drive, rear axle and transfer gearbox with optimised efficiency, tyres with reduced rolling resistance, Blue Performance technology with SCR catalytic converter		
Fuel consumption in EU cycle			
total (WLTP)	l/100 km		7.0 – 6.2
CO ₂ (WLTP)	g/km		183 – 162
Emission rating			Euro 6d
Insurance rating			
3rd party/fully comprehensive/3rd party fire + theft			17 / 26 / 26

Technical specifications valid for ACEA markets / registration-related data only relevant to Germany in some cases (weights)

¹⁾ Height including roof fin

²⁾ Oil change amount

Official figures for fuel consumption, CO₂ emissions and power consumption were measured using the stipulated method and comply with Regulation VO (EC) 715/2007 as amended. With regard to ranges, the NEDC figures take into account differences in the selected wheel and tyre size, while the WLTP figures allow for the effects of all optional extras. WLTP figures are used to assess taxes and other vehicle-related duties which are (also) based on CO₂ emissions and, where applicable, for the purpose of vehicle-specific subsidies. The NEDC figures shown here were calculated using the new WLTP measurement method and adapted to the NEDC method for comparison purposes. For vehicles which have been newly type-approved since 01.01.2021, official figures are only available according to WLTP. For further details of the NEDC and WLTP measurement methods, see www.bmw.de/wltp.

For further details of the official fuel consumption figures and official specific CO₂ emissions of new cars, please refer to the "Manual on the fuel consumption, CO₂ emissions and power consumption of new cars", available at sales outlets, from Deutsche Automobil Treuhand GmbH (DAT), Hellmuth-Hirth-Str. 1, 73760 Ostfildern-Scharnhausen and at <https://www.dat.de/co2/free> of charge.

BMW X3. X3 M40d.

BMW X3 M40d		
Body		
Number of doors/seats		5 / 5
Length/width/height ¹⁾ (empty)	mm	4713 / 1897 / 1676
Wheelbase	mm	2864
Track width, front/rear	mm	1615 / 1594
Turning circle	m	12.0
Fuel tank capacity	approx. l	68
Engine oil ²⁾	l	7.0
Unladen weight according to DIN/EU	kg	2005 / 2080
Payload according to DIN	kg	575
Permitted total weight	kg	2580
Permitted axle loads, front/rear	kg	1245 / 1450
Permitted trailer load braked (12 %) / unbraked	kg	2400 / 750
Permitted roof load/permitted download	kg	100 / 100
Luggage compartment capacity	l	550 – 1600
Drag coefficient	c _x	0.31 – 0.35
Engine		
Type/no. of cylinders/valves		inline / 6 / 4
Engine technology		BMW TwinPower Turbo Technology: Multi-stage turbocharging, high and low-pressure charger with variable inlet geometry, common-rail direct injection with piezo injectors (max. injection pressure: 2700 bar)
Capacity, effective	cc	2993
Stroke/bore	mm	90.0 / 84.0
Compression	:1	16.5
Fuel		Diesel
Output	kW/hp	250 / 340
at engine speed	rpm	4400
Torque	Nm	700
at engine speed	rpm	1750 – 2250
48 Volt mild hybrid technology output	kW/hp	8 / 11
Electrical system		
12 volt battery/installation location	Ah / –	90 / Luggage compartment
48 volt battery/installation location	Ah / –	11 / engine compartment
Driving dynamics and safety		
Front wheel suspension		Double-joint tension strut axle in aluminium construction
Rear wheel suspension		Five-link axle in lightweight steel construction
Brakes, front		Four-piston, fixed-caliper disc brakes, ventilated
Brakes, rear		Two-piston, floating-caliper disc brakes, ventilated
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), Cornering Brake Control CBC, brake assistant DBC, brake dry function, Fading Brake Support, Hill Start Control, Performance Control, M sports suspension, M sports differential, DSC linked with xDrive all-wheel drive, optional: Adaptive M suspension
Safety equipment		Standard: Airbags for driver and passenger, side airbags for driver and passenger, front and rear head airbags, 3-point automatic-reel belt on all seats, with seat belt stopper at front, seat belt tensioner and seat belt force limiter, crash sensors, tyre pressure display
Steering		Electromechanical rack power steering (EPS), variable sports steering with Servotronic function
Overall steering ratio	:1	16.8
Tyres, front/rear.		245/45 R20 103W XL 275/40 R20 106W XL
Wheel rims, front/rear		8J × 20 light alloy 9.5J × 20 light alloy

BMW X3 M40d			
Transmission			
Transmission type	8-speed Steptronic Sport transmission		
Gear ratio	I	:1	5.500
	II	:1	3.520
	III	:1	2.200
	IV	:1	1.720
	V	:1	1.317
	VI	:1	1.000
	VII	:1	0.823
	VIII	:1	0.640
	R	:1	3.993
Rear axle ratio		:1	2.813
Driving performance figures			
Weight-to-power ratio (DIN)	kg/kW		8.0
Power output per litre	kW/l		83.5
Acceleration 0-100 km/h	s		4.9
Top speed	km/h		250
Offroad properties			
Overhang angle front/rear	°		25.0 / 23.1
Ramp angle	°		20.0
Ground clearance, empty	mm		204
Wading depth (at 7 km/h)	mm		500
BMW EfficientDynamics			
BMW EfficientDynamics measures as standard	Mild hybrid technology with 48-volt starter generator, brake energy recuperation with recuperation indicator, Auto Start Stop function, ECO PRO and COMFORT modes with coasting function, Forward View Assist, shift display, electromechanical power steering, optimised aerodynamic properties, BMW EfficientLightweight, active air flap control, auxiliary units controlled according to demand, map-controlled oil pump, efficiency and weight-optimised all-wheel drive, rear axle and transfer gearbox with optimised efficiency, tyres with reduced rolling resistance, Blue Performance technology with SCR catalytic converter		
Fuel consumption in EU cycle			
total (WLTP)	l/100 km		7.3 – 6.6
CO ₂ (WLTP)	g/km		192 – 173
Emission rating			Euro 6d
Insurance rating			
3rd party/fully comprehensive/3rd party fire + theft			17 / 27 / 28

Technical specifications valid for ACEA markets / registration-related data only relevant to Germany in some cases (weights)

¹⁾ Height including roof fin

²⁾ Oil change amount

Official figures for fuel consumption, CO₂ emissions and power consumption were measured using the stipulated method and comply with Regulation VO (EC) 715/2007 as amended. With regard to ranges, the NEDC figures take into account differences in the selected wheel and tyre size, while the WLTP figures allow for the effects of all optional extras. WLTP figures are used to assess taxes and other vehicle-related duties which are (also) based on CO₂ emissions and, where applicable, for the purpose of vehicle-specific subsidies. The NEDC figures shown here were calculated using the new WLTP measurement method and adapted to the NEDC method for comparison purposes. For vehicles which have been newly type-approved since 01.01.2021, official figures are only available according to WLTP. For further details of the NEDC and WLTP measurement methods, see www.bmw.de/wltp.

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Technical specifications.

The new BMW X4: X4 xDrive20i.



BMW X4 xDrive20i		
Body		
Number of doors/seats		5 / 5
Length/width/height ¹⁾ (empty)	mm	4751 / 1918 / 1621
Wheelbase	mm	2864
Track width, front/rear	mm	1620 / 1666
Turning circle	m	12.1
Fuel tank capacity	approx. l	65
Engine oil ²⁾	l	5.25
Unladen weight according to DIN/EU	kg	1800 / 1875
Payload according to DIN	kg	620
Permitted total weight	kg	2420
Permitted axle loads, front/rear	kg	1160 / 1400
Permitted trailer load braked (12 %) / unbraked	kg	2400 / 750
Permitted roof load/permitted download	kg	100 / 100
Luggage compartment capacity	l	525 – 1430
Drag coefficient	c _x	0.29 – 0.35
Engine		
Type/no. of cylinders/valves		inline / 4 / 4
Engine technology		BMW TwinPower Turbo Technology: Twin-scroll turbocharger, direct fuel injection: High Precision Injection, fully variable valve control (VALVETRONIC), Double VANOS variable camshaft control
Capacity, effective	cc	1998
Stroke/bore	mm	94.6 / 82.0
Compression	:1	11.0
Fuel		min RON 91
Output	kW/hp	135 / 184
at engine speed	rpm	5000 – 6500
Torque	Nm	300
at engine speed	rpm	1350 – 4000
48 Volt mild hybrid technology output	kW/hp	8 / 11
Electrical system		
Battery/installation	Ah / –	90 / Luggage compartment
48 volt battery/installation location	Ah / –	11 / engine compartment
Driving dynamics and safety		
Front wheel suspension		Double-joint tension strut axle in aluminium construction
Rear wheel suspension		Five-link axle in lightweight steel construction
Brakes, front		Single-piston, floating-caliper disc brakes, ventilated
Brakes, rear		Single-piston, floating-caliper disc brakes, ventilated
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), Cornering Brake Control CBC, brake assistant DBC, brake dry function, Fading Brake Support, Hill Start Control, Hill Descent Control, Performance Control, M sports suspension, DSC linked with xDrive all-wheel drive; optional: adaptive suspension
Safety equipment		Standard: Airbags for driver and passenger, side airbags for driver and passenger, front and rear head airbags, 3-point automatic-reel belt on all seats, with seat belt stopper at front, seat belt tensioner and seat belt force limiter, crash sensors, tyre pressure display
Steering		Electromechanical rack power steering (EPS); variable sports steering with Servotronic function
Overall steering ratio	:1	16.8
Tyres, front/rear.		225/60 R18 104W XL
Wheel rims, front/rear		7J x 18 light alloy

BMW X4 xDrive20i			
Transmission			
Transmission type	8-speed Steptronic Sport transmission		
Gear ratio	I	:1	5.250
	II	:1	3.360
	III	:1	2.172
	IV	:1	1.720
	V	:1	1.316
	VI	:1	1.000
	VII	:1	0.822
	VIII	:1	0.640
	R	:1	3.712
Rear axle ratio		:1	3.385
Driving performance figures			
Weight-to-power ratio (DIN)	kg/kW		13.3
Power output per litre	kW/l		67.6
Acceleration 0-100 km/h	s		8.4
Top speed	km/h		215
Offroad properties			
Overhang angle front/rear	°		25.0 / 22.2
Ramp angle	°		20.0
Ground clearance, empty	mm		204
Wading depth (at 7 km/h)	mm		500
BMW EfficientDynamics			
BMW EfficientDynamics measures as standard	Mild hybrid technology with 48-volt starter generator, brake energy recuperation with recuperation indicator, electromechanical power steering, Auto Start Stop function, shift display, ECO PRO and COMFORT modes with coasting function, BMW EfficientLightweight, optimised aerodynamic properties, active air flap control, auxiliary units controlled according to demand, map-controlled oil pump, efficiency and weight-optimised all-wheel drive, rear axle and transfer case with optimised efficiency, tyres with reduced rolling resistance		
Fuel consumption in EU cycle			
total (WLTP)	l/100 km		8.4 – 7.5
CO ₂ (WLTP)	g/km		190 – 170
Emission rating			Euro 6d
Insurance rating			
3rd party/fully comprehensive/3rd party fire + theft			19 / 26 / 30

Technical specifications valid for ACEA markets / registration-related data only relevant to Germany in some cases (weights)

¹⁾ Height including roof fin

²⁾ Oil change amount

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BMW X4. X4 xDrive30i.

BMW X4 xDrive30i		
Body		
Number of doors/seats		5 / 5
Length/width/height ¹⁾ (empty)	mm	4751 / 1918 / 1621
Wheelbase	mm	2864
Track width, front/rear	mm	1620 / 1666
Turning circle	m	12.1
Fuel tank capacity	approx. l	65
Engine oil ²⁾	l	5.75
Unladen weight according to DIN/EU	kg	1815 / 1890
Payload according to DIN	kg	635
Permitted total weight	kg	2400
Permitted axle loads, front/rear	kg	1160 / 1400
Permitted trailer load braked (12 %) / unbraked	kg	2400 / 750
Permitted roof load/permitted download	kg	100 / 100
Luggage compartment capacity	l	525 – 1430
Drag coefficient	c _x	0.29 – 0.35
Engine		
Type/no. of cylinders/valves		inline / 4 / 4
Engine technology		BMW TwinPower Turbo Technology: Twin-scroll turbocharger, direct fuel injection: High Precision Injection, fully variable valve control (VALVETRONIC), Double VANOS variable camshaft control
Capacity, effective	cc	1998
Stroke/bore	mm	94.6 / 82.0
Compression	:1	10.2
Fuel		min RON 91
Output	kW/hp	180 / 245
at engine speed	rpm	5000 – 6500
Torque	Nm	350
at engine speed	rpm	1560 – 4800
48 Volt mild hybrid technology output	kW/hp	8 / 11
Electrical system		
Battery/installation	Ah / –	90 / Luggage compartment
48 volt battery/installation location	Ah / –	11 / engine compartment
Driving dynamics and safety		
Front wheel suspension		Double-joint tension strut axle in aluminium construction
Rear wheel suspension		Five-link axle in lightweight steel construction
Brakes, front		Single-piston, floating-caliper disc brakes, ventilated
Brakes, rear		Single-piston, floating-caliper disc brakes, ventilated
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), Cornering Brake Control CBC, brake assistant DBC, brake dry function, Fading Brake Support, Hill Start Control, Hill Descent Control, Performance Control, M sports suspension, DSC linked with xDrive all-wheel drive; optional: adaptive suspension
Safety equipment		Standard: Airbags for driver and passenger, side airbags for driver and passenger, front and rear head airbags, 3-point automatic-reel belt on all seats, with seat belt stopper at front, seat belt tensioner and seat belt force limiter, crash sensors, tyre pressure display
Steering		Electro-mechanical rack power steering (EPS); variable sports steering with Servotronic function
Overall steering ratio	:1	16.8
Tyres, front/rear.		225/60 R18 104W XL
Wheel rims, front/rear		7J x 18 light alloy

BMW X4 xDrive30i			
Transmission			
Transmission type	8-speed Steptronic Sport transmission		
Gear ratio	I	:1	5.250
	II	:1	3.360
	III	:1	2.172
	IV	:1	1.720
	V	:1	1.316
	VI	:1	1.000
	VII	:1	0.822
	VIII	:1	0.640
	R	:1	3.712
Rear axle ratio		:1	3.385
Driving performance figures			
Weight-to-power ratio (DIN)	kg/kW		10.1
Power output per litre	kW/l		90.1
Acceleration 0-100 km/h	s		6.6
Top speed	km/h		235
Offroad properties			
Overhang angle front/rear	°		25.0 / 22.2
Ramp angle	°		20.0
Ground clearance, empty	mm		204
Wading depth (at 7 km/h)	mm		500
BMW EfficientDynamics			
BMW EfficientDynamics measures as standard	Mild hybrid technology with 48-volt starter generator, brake energy recuperation with recuperation indicator, electromechanical power steering, Auto Start Stop function, shift display, ECO PRO and COMFORT modes with gliding function, BMW EfficientLightweight, optimised aerodynamic properties, active air flap control, auxiliary units controlled according to demand, map-controlled oil pump, efficiency and weight-optimised all-wheel drive, rear axle and transfer case with optimised efficiency, tyres with reduced rolling resistance		
Fuel consumption in EU cycle			
total (WLTP)	l/100 km		8.5 – 7.5
CO ₂ (WLTP)	g/km		192 – 171
Emission rating			Euro 6d
Insurance rating			
3rd party/fully comprehensive/3rd party fire + theft			19 / 26 / 30

Technical specifications valid for ACEA markets / registration-related data only relevant to Germany in some cases (weights)

¹⁾ Height including roof fin

²⁾ Oil change amount

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BMW X4. X4 M40i.

BMW X4 M40i		
Body		
Number of doors/seats		5 / 5
Length/width/height ¹⁾ (empty)	mm	4752 / 1938 / 1621
Wheelbase	mm	2864
Track width, front/rear	mm	1615 / 1624
Turning circle	m	12.1
Fuel tank capacity	approx. l	65
Engine oil ²⁾	l	7.2
Unladen weight according to DIN/EU	kg	1920 / 1995
Payload according to DIN	kg	580
Permitted total weight	kg	2500
Permitted axle loads, front/rear	kg	1220 / 1425
Permitted trailer load braked (12 %) / unbraked	kg	2400 / 750
Permitted roof load/permitted download	kg	100 / 100
Luggage compartment capacity	l	525 – 1430
Drag coefficient	c _x	0.33 – 0.35
Engine		
Type/no. of cylinders/valves		inline / 6 / 4
Engine technology		M Performance TwinPower Turbo Technology: Twin-scroll turbocharger, direct fuel injection: High Precision Injection, fully variable valve control VALVETRONIC, Double VANOS variable camshaft control
Capacity, effective	cc	2998
Stroke/bore	mm	94.6 / 82.0
Compression	:1	10.2
Fuel		min RON 91
Output	kW/hp	265 / 360
at engine speed	rpm	5200 – 6500
Torque	Nm	500
at engine speed	rpm	1900 – 5000
48 Volt mild hybrid technology output	kW/hp	8 / 11
Electrical system		
Battery/installation	Ah / –	90 / Luggage compartment
48 volt battery/installation location	Ah / –	11 / engine compartment
Driving dynamics and safety		
Front wheel suspension		Double-joint tension strut axle in aluminium construction
Rear wheel suspension		Five-link axle in lightweight steel construction
Brakes, front		Four-piston, fixed-caliper disc brakes, ventilated
Brakes, rear		Two-piston, floating-caliper disc brakes, ventilated
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), Cornering Brake Control CBC, brake assistant DBC, brake dry function, Fading Brake Support, Hill Start Control, Hill Descent Control, Performance Control, M sports suspension, M sports differential, DSC linked with xDrive all-wheel drive, optional: Adaptive M suspension
Safety equipment		Standard: Airbags for driver and passenger, side airbags for driver and passenger, front and rear head airbags, 3-point automatic-reel belt on all seats, with seat belt stopper at front, seat belt tensioner and seat belt force limiter, crash sensors, tyre pressure display
Steering		Electro-mechanical rack power steering (EPS); variable sports steering with Servotronic function
Overall steering ratio	:1	16.8
Tyres, front/rear.		245/45 R20 103W XL 275/40 R20 106W XL
Wheel rims, front/rear		8J x 20 LM 9.5J x 20 LM

BMW X4 M40i			
Transmission			
Transmission type	8-speed Steptronic Sport transmission		
Gear ratio	I	:1	5.250
	II	:1	3.360
	III	:1	2.172
	IV	:1	1.720
	V	:1	1.316
	VI	:1	1.000
	VII	:1	0.822
	VIII	:1	0.640
	R	:1	3.712
Rear axle ratio		:1	3.385
Driving performance figures			
Weight-to-power ratio (DIN)	kg/kW		7.2
Power output per litre	kW/l		88.4
Acceleration 0-100 km/h	s		4.9
Top speed	km/h		250
Offroad properties			
Overhang angle front/rear	°		25.0 / 22.2
Ramp angle	°		20.0
Ground clearance, empty	mm		204
Wading depth (at 7 km/h)	mm		500
BMW EfficientDynamics			
BMW EfficientDynamics measures as standard	Mild hybrid technology with 48-volt starter generator, brake energy recuperation with recuperation indicator, electromechanical power steering, Auto Start Stop function, shift display, ECO PRO and COMFORT modes with coasting function, BMW EfficientLightweight, optimised aerodynamic properties, active air flap control, auxiliary units controlled according to demand, map-controlled oil pump, efficiency and weight-optimised all-wheel drive, rear axle and transfer case with optimised efficiency		
Fuel consumption in EU cycle			
total (WLTP)	l/100 km		9.5 – 8.7
CO ₂ (WLTP)	g/km		2150 – 198
Emission rating			Euro 6d
Insurance rating			
3rd party/fully comprehensive/3rd party fire + theft			19 / 28 / 30

Technical specifications valid for ACEA markets / registration-related data only relevant to Germany in some cases (weights)

¹⁾ Height including roof fin

²⁾ Oil change amount

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BMW X4. X4 xDrive20d.

BMW X4 xDrive20d		
Body		
Number of doors/seats		5 / 5
Length/width/height ¹⁾ (empty)	mm	4751 / 1918 / 1621
Wheelbase	mm	2864
Track width, front/rear	mm	1620 / 1666
Turning circle	m	12.1
Fuel tank capacity	approx. l	68
Engine oil ²⁾	l	5.5
Unladen weight according to DIN/EU	kg	1840 / 1915
Payload according to DIN	kg	610
Permitted total weight	kg	2450
Permitted axle loads, front/rear	kg	1200 / 1420
Permitted trailer load braked (12 %) / unbraked	kg	2400 / 750
Permitted roof load/permitted download	kg	100 / 100
Luggage compartment capacity	l	525 – 1430
Drag coefficient	c _x	0.29 – 0.35
Engine		
Type/no. of cylinders/valves		inline / 4 / 4
Engine technology		BMW TwinPower Turbo Technology: Multi-stage turbocharging, low-pressure charger with variable inlet geometry, common-rail direct injection with solenoid valve injectors (max. injection pressure: 2500 bar)
Capacity, effective	cc	1995
Stroke/bore	mm	90.0 / 84.0
Compression	:1	16.5
Fuel		Diesel
Output	kW/hp	140 / 190
at engine speed	rpm	4000
Torque	Nm	400
at engine speed	rpm	1750 – 2500
48 Volt mild hybrid technology output	kW/hp	8 / 11
Electrical system		
12 volt battery/installation location	Ah / –	90 / Luggage compartment
48 volt battery/installation location	Ah / –	11 / engine compartment
Driving dynamics and safety		
Front wheel suspension		Double-joint tension strut axle in aluminium construction
Rear wheel suspension		Five-link axle in lightweight steel construction
Brakes, front		Single-piston, floating-caliper disc brakes, ventilated
Brakes, rear		Single-piston, floating-caliper disc brakes, ventilated
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), Cornering Brake Control CBC, brake assistant DBC, brake dry function, Fading Brake Support, Hill Start Control, Hill Descent Control, Performance Control, M sports suspension, DSC linked with xDrive all-wheel drive; optional: adaptive suspension
Safety equipment		Standard: Airbags for driver and passenger, side airbags for driver and passenger, front and rear head airbags, 3-point automatic-reel belt on all seats, with seat belt stopper at front, seat belt tensioner and seat belt force limiter, crash sensors, tyre pressure display
Steering		Electromechanical rack power steering (EPS); variable sports steering with Servotronic function
Overall steering ratio	:1	16.8
Tyres, front/rear.		225/60 R18 104W XL
Wheel rims, front/rear		7J x 18 light alloy

BMW X4 xDrive20d		
Transmission		
Transmission type	8-speed Steptronic Sport transmission	
Gear ratio	I :1	5.250
	II :1	3.360
	III :1	2.172
	IV :1	1.720
	V :1	1.316
	VI :1	1.000
	VII :1	0.822
	VIII :1	0.640
	R :1	3.712
Rear axle ratio	:1	3.231
Driving performance figures		
Weight-to-power ratio (DIN)	kg/kW	13.1
Power output per litre	kW/l	70.2
Acceleration 0-100 km/h	s	7.9
Top speed	km/h	213
Offroad properties		
Overhang angle front/rear	°	25.0 / 22.2
Ramp angle	°	20.0
Ground clearance, empty	mm	204
Wading depth (at 7 km/h)	mm	500
BMW EfficientDynamics		
BMW EfficientDynamics measures as standard	Mild hybrid technology with 48-volt starter generator, brake energy recuperation with recuperation indicator, Auto Start Stop function, ECO PRO and COMFORT modes with coasting function, Forward View Assist. Shift display, electromechanical power steering, BMW EfficientLightweight, active air flap control, optimised aerodynamic properties, auxiliary units controlled according to demand, map-controlled oil pump, efficiency and weight optimised all-wheel drive, rear axle and transfer gearbox with optimised efficiency, tyres with reduced rolling resistance, BMW BluePerformance technology with SCR catalytic converter	
Fuel consumption in EU cycle		
total (WLTP)	l/100 km	6.5 – 5.7
CO ₂ (WLTP)	g/km	170 – 149
Emission rating		Euro 6d
Insurance rating		
3rd party/fully comprehensive/3rd party fire + theft		18 / 27 / 30

Technical specifications valid for ACEA markets / registration-related data only relevant to Germany in some cases (weights)

¹⁾ Height including roof fin

²⁾ Oil change amount

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BMW X4. X4 xDrive30d.

BMW X4 xDrive30d		
Body		
Number of doors/seats		5 / 5
Length/width/height ¹⁾ (empty)	mm	4751 / 1918 / 1621
Wheelbase	mm	2864
Track width, front/rear	mm	1620 / 1666
Turning circle	m	12.1
Fuel tank capacity	approx. l	68
Engine oil ²⁾	l	7.0
Unladen weight according to DIN/EU	kg	1935 / 2010
Payload according to DIN	kg	595
Permitted total weight	kg	2530
Permitted axle loads, front/rear	kg	1220 / 1415
Permitted trailer load braked (12 %) / unbraked	kg	2400 / 750
Permitted roof load/permitted download	kg	100 / 100
Luggage compartment capacity	l	525 – 1430
Drag coefficient	c _x	0.29 – 0.36
Engine		
Type/no. of cylinders/valves		inline / 6 / 4
Engine technology		BMW TwinPower Turbo Technology: Multi-stage turbocharging, low-pressure charger with variable inlet geometry, common-rail direct injection with piezo injectors (max. injection pressure: 2700 bar)
Capacity, effective	cc	2993
Stroke/bore	mm	90.0 / 84.0
Compression	:1	16.5
Fuel		Diesel
Output	kW/hp	210 / 286
at engine speed	rpm	4000
Torque	Nm	650
at engine speed	rpm	1500 – 2500
48 Volt mild hybrid technology output	kW/hp	8 / 11
Electrical system		
12 volt battery/installation location	Ah / –	90 / Luggage compartment
48 volt battery/installation location	Ah / –	11 / engine compartment
Driving dynamics and safety		
Front wheel suspension		Double-joint tension strut axle in aluminium construction
Rear wheel suspension		Five-link axle in lightweight steel construction
Brakes, front		Single-piston, floating-caliper disc brakes, ventilated
Brakes, rear		Single-piston, floating-caliper disc brakes, ventilated
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), Cornering Brake Control CBC, brake assistant DBC, brake dry function, Fading Brake Support, Hill Start Control, Hill Descent Control, Performance Control, M sports suspension, DSC linked with xDrive all-wheel drive; optional: adaptive suspension
Safety equipment		Standard: Airbags for driver and passenger, side airbags for driver and passenger, front and rear head airbags, 3-point automatic-reel belt on all seats, with seat belt stopper at front, seat belt tensioner and seat belt force limiter, crash sensors, tyre pressure display
Steering		Electro-mechanical rack power steering (EPS); variable sports steering with Servotronic function
Overall steering ratio	:1	16.8
Tyres, front/rear.		225/60 R18 104W XL
Wheel rims, front/rear		7J × 18 light alloy

BMW X4 xDrive30d		
Transmission		
Transmission type	8-speed Steptronic Sport transmission	
Gear ratio	I :1	5.500
	II :1	3.520
	III :1	2.200
	IV :1	1.720
	V :1	1.317
	VI :1	1.000
	VII :1	0.823
	VIII :1	0.640
	R :1	3.993
Rear axle ratio	:1	2.813
Driving performance figures		
Weight-to-power ratio (DIN)	kg/kW	9.2
Power output per litre	kW/l	70.2
Acceleration 0-100 km/h	s	5.7
Top speed	km/h	245
Offroad properties		
Overhang angle front/rear	°	25.0 / 22.2
Ramp angle	°	20.0
Ground clearance, empty	mm	204
Wading depth (at 7 km/h)	mm	500
BMW EfficientDynamics		
BMW EfficientDynamics measures as standard	Mild hybrid technology with 48-volt starter generator, brake energy recuperation with recuperation indicator, Auto Start Stop function, ECO PRO and COMFORT modes with coasting function, Forward View Assist, shift display, electromechanical power steering, BMW EfficientLightweight, optimised aerodynamic properties, active air flap control, auxiliary units controlled according to demand, map-controlled oil pump, efficiency and weight-optimised all-wheel drive, rear axle and transfer gearbox with optimised efficiency, tyres with reduced rolling resistance, Blue Performance technology with SCR catalytic converter	
Fuel consumption in EU cycle		
total (WLTP)	l/100 km	7.0 – 6.1
CO ₂ (WLTP)	g/km	182 – 161
Emission rating		Euro 6d
Insurance rating		
3rd party/fully comprehensive/3rd party fire + theft		18 / 27 / 29

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¹⁾ Height including roof fin

²⁾ Oil change amount

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BMW X4. X4 M40d.

BMW X4 M40d		
Body		
Number of doors/seats		5 / 5
Length/width/height ¹⁾ (empty)	mm	4752 / 1938 / 1621
Wheelbase	mm	2864
Track width, front/rear	mm	1615 / 1624
Turning circle	m	12.1
Fuel tank capacity	approx. l	68
Engine oil ²⁾	l	7.0
Unladen weight according to DIN/EU	kg	2020 / 2095
Payload according to DIN	kg	540
Permitted total weight	kg	2560
Permitted axle loads, front/rear	kg	1230 / 1430
Permitted trailer load braked (12 %) / unbraked	kg	2400 / 750
Permitted roof load/permitted download	kg	100 / 100
Luggage compartment capacity	l	525 – 1430
Drag coefficient	c _x	0.33 – 0.35
Engine		
Type/no. of cylinders/valves		inline / 6 / 4
Engine technology		BMW TwinPower Turbo Technology: Multi-stage turbocharging, high and low-pressure charger with variable inlet geometry, common-rail direct injection with piezo injectors (max. injection pressure: 2700 bar)
Capacity, effective	cc	2993
Stroke/bore	mm	90.0 / 84.0
Compression	:1	16.5
Fuel		Diesel
Output	kW/hp	250 / 340
at engine speed	rpm	4400
Torque	Nm	700
at engine speed	rpm	1750 – 2250
48 Volt mild hybrid technology output	kW/hp	8 / 11
Electrical system		
12 volt battery/installation location	Ah / –	90 / Luggage compartment
48 volt battery/installation location	Ah / –	11 / engine compartment
Driving dynamics and safety		
Front wheel suspension		Double-joint tension strut axle in aluminium construction
Rear wheel suspension		Five-link axle in lightweight steel construction
Brakes, front		Four-piston, fixed-caliper disc brakes, ventilated
Brakes, rear		Two-piston, floating-caliper disc brakes, ventilated
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), Cornering Brake Control CBC, brake assistant DBC, brake dry function, Fading Brake Support, Hill Start Control, Performance Control, M sports suspension, M sports differential, DSC linked with xDrive all-wheel drive, optional: Adaptive M suspension
Safety equipment		Standard: Airbags for driver and passenger, side airbags for driver and passenger, front and rear head airbags, 3-point automatic-reel belt on all seats, with seat belt stopper at front, seat belt tensioner and seat belt force limiter, crash sensors, tyre pressure display
Steering		Electro-mechanical rack power steering (EPS), variable sports steering with Servotronic function
Overall steering ratio	:1	16.8
Tyres, front/rear.		245/45 R20 103W XL 275/40 R20 106W XL
Wheel rims, front/rear		8J x 20 LM 9.5J x 20 LM

BMW X4 M40d			
Transmission			
Transmission type	8-speed Steptronic Sport transmission		
Gear ratio	I	:1	5.500
	II	:1	3.520
	III	:1	2.200
	IV	:1	1.720
	V	:1	1.317
	VI	:1	1.000
	VII	:1	0.823
	VIII	:1	0.640
	R	:1	3.993
Rear axle ratio		:1	2.813
Driving performance figures			
Weight-to-power ratio (DIN)	kg/kW		8.1
Power output per litre	kW/l		83.5
Acceleration 0-100 km/h	s		4.9
Top speed	km/h		250
Offroad properties			
Overhang angle front/rear	°		25.0 / 22.2
Ramp angle	°		20.0
Ground clearance, empty	mm		204
Wading depth (at 7 km/h)	mm		500
BMW EfficientDynamics			
BMW EfficientDynamics measures as standard	Mild hybrid technology with 48-volt starter generator, brake energy recuperation with recuperation indicator, Auto Start Stop function, ECO PRO and COMFORT modes with coasting function, Forward View Assist, shift display, electromechanical power steering, BMW EfficientLightweight, optimised aerodynamic properties, active air flap control, auxiliary units controlled according to demand, map-controlled oil pump, efficiency and weight-optimised all-wheel drive, rear axle and transfer gearbox with optimised efficiency, tyres with reduced rolling resistance, Blue Performance technology with SCR catalytic converter		
Fuel consumption in EU cycle			
total (WLTP)	l/100 km		7.3 – 6.6
CO ₂ (WLTP)	g/km		190 – 171
Emission rating			Euro 6d
Insurance rating			
3rd party/fully comprehensive/3rd party fire + theft			18 / 28 / 29

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¹⁾ Height including roof fin

²⁾ Oil change amount

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