

# Specifications.

## BMW X3.

### X3 xDrive20i.



BMW X3 xDrive20i		
<b>Body</b>		
No. of doors/seats		5 / 5
Length/width/height <sup>1)</sup> (unladen)	mm	4708 / 1891 / 1676
Wheelbase	mm	2864
Track, front/rear	mm	1620 / 1636
Turning circle	m	12.0
Tank capacity	approx. ltr	65
Engine oil <sup>2)</sup>	ltr	5.25
Weight, unladen, to DIN/EU	kg	1735 / 1810
Max. load to DIN	kg	665
Max. permissible weight	kg	2400
Max. axle load, front/rear	kg	1140 / 1390
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 <sub>d</sub> x A	0.29 x 2.65
<b>Engine</b>		
Config./No. of cyls./valves		in-line / 4 / 4
Engine technology	BMW TwinPower Turbo technology: TwinScroll turbocharger, High Precision Injection, VALVETRONIC fully variable valve timing, Double-VANOS variable camshaft timing	
Effective capacity	cm <sup>3</sup>	1998
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	11.0
Fuel		min RON 91
Output	kW/hp	135 / 184
at	rpm	5000 – 6500
Torque	Nm	300
at	rpm	1350 – 4000
<b>Electrical System</b>		
Battery/Installation	Ah/–	80 / luggage comp.
<b>Driving Dynamics and Safety</b>		
Suspension, front	Aluminium double-joint tension-rod spring-strut axle	
Suspension, rear	Five-link axle in lightweight steel construction	
Brakes, front	Single-piston floating-calliper disc brakes / vented	
Brakes, rear	Single-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, DSC linked to xDrive all-wheel drive; optional: M Sport suspension, Adaptive suspension, Performance Control	
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 latch tensioner and belt force limiter at the front seats, crash sensors, Tyre Pressure Indicator	
Steering	Electric Power Steering (EPS) with Servotronic function, optional: Variable Sport Steering	
Steering ratio, overall	:1	16.8
Tyres, front/rear	225/60 R18 104W XL	
Rims, front/rear	7J x 18 light-alloy	

BMW X3 xDrive20i			
Transmission			
Type of gearbox		8-speed Steptronic	
Gear ratios	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
Final drive		:1	3.385
Performance			
Power-to-weight ratio (DIN)	kg/kW		12.9
Output per litre	kW/l		67.6
Acceleration 0–100 km/h	s		8.3
Top speed	km/h		215
Off-road characteristics			
Angle of approach/departure	°	25.6 / 23.4	
Breakover angle	°	20.0	
Ground clearance when unladen	mm	204	
Fording depth (at 7 km/h)	mm	500	
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 and COMFORT mode with coasting function, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, 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 behavior, tyres with reduced roll resistance	
Fuel consumption EU cycle			
Urban (NEDC)	ltr/100 km	8.1 – 7.8	
Extra-urban (NEDC)	ltr/100 km	6.4 – 5.9	
Combined (NEDC)	ltr/100 km	7.0 – 6.6	
Combined (WLTP)	ltr/100 km	8.6 – 7.7	
CO <sub>2</sub> (NEDC)	g/km	161 – 151	
CO <sub>2</sub> (WLTP)	g/km	197 – 175	
Emission rating		Euro 6d	

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

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

<sup>2)</sup> Oil change

Fuel consumption, CO<sub>2</sub> emission figures, power consumption and range were measured using the methods required according to Regulation VO (EC) 2007/715 as amended. They refer to vehicles on the automotive market in Germany. With regard to ranges, the NEDC figures take into account differences in the selected wheel and tyre size, while the WLTP figures take into account the effects of any optional equipment.

All figures are already calculated on the basis of the new WLTP test cycle. NEDC values listed have been calculated back to the NEDC measurement procedure where applicable. WLTP values are used as a basis for the assessment of taxes and other vehicle-related levies that are (also) based on CO<sub>2</sub> emissions and, where applicable, for the purposes of vehicle-specific subsidies. Further information on the WLTP and NEDC measurement procedures is also available at [www.bmw.com/wltp](http://www.bmw.com/wltp).

# BMW X3. X3 xDrive30i.

BMW X3 xDrive30i		
<b>Body</b>		
No. of doors/seats		5 / 5
Length/width/height <sup>1)</sup> (unladen)	mm	4708 / 1891 / 1676
Wheelbase	mm	2864
Track, front/rear	mm	1620 / 1636
Turning circle	m	12.0
Tank capacity	approx. ltr	65
Engine oil <sup>2)</sup>	ltr	5.25
Weight, unladen, to DIN/EU	kg	1755 / 1830
Max. load to DIN	kg	645
Max. permissible weight	kg	2400
Max. axle load, front/rear	kg	1140 / 1390
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 <sub>d</sub> x A	0.30 x 2.65
<b>Engine</b>		
Config./No. of cyls./valves		in-line / 4 / 4
Engine technology	BMW TwinPower Turbo technology: TwinScroll turbocharger, High Precision Injection, VALVETRONIC fully variable valve timing, Double-VANOS variable camshaft timing	
Effective capacity	cm <sup>3</sup>	1998
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	10.2
Fuel		min RON 91
Output	kW/hp	185 / 252
at	rpm	5200 – 6500
Torque	Nm	350
at	rpm	1450 – 4800
<b>Electrical System</b>		
Battery/Installation	Ah/–	80 / luggage comp.
<b>Driving Dynamics and Safety</b>		
Suspension, front	Aluminium double-joint tension-rod spring-strut axle	
Suspension, rear	Five-link axle in lightweight steel construction	
Brakes, front	Single-piston floating-calliper disc brakes / vented	
Brakes, rear	Single-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, DSC linked to xDrive all-wheel drive; optional: M Sport suspension, Adaptive suspension, Performance Control	
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 latch tensioner and belt force limiter at the front seats, crash sensors, Tyre Pressure Indicator	
Steering	Electric Power Steering (EPS) with Servotronic function, optional: Variable Sport Steering	
Steering ratio, overall	:1	16.8
Tyres, front/rear	225/60 R18 104W XL	
Rims, front/rear	7J x 18 light-alloy	

BMW X3 xDrive30i			
Transmission			
Type of gearbox		8-speed Steptronic	
Gear ratios	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
Final drive		:1	3.385
Performance			
Power-to-weight ratio (DIN)	kg/kW		9.5
Output per litre	kW/l		92.6
Acceleration 0–100 km/h	s		6.4
Top speed	km/h		240
Off-road characteristics			
Angle of approach/departure	°	25.6 / 23.4	
Breakover angle	°	20.0	
Ground clearance when unladen	mm	204	
Fording depth (at 7 km/h)	mm	500	
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 and COMFORT mode with coasting function, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, 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 behavior, tyres with reduced roll resistance		
Fuel consumption EU cycle			
Urban (NEDC)	ltr/100 km	8.0 – 7.8	
Extra-urban (NEDC)	ltr/100 km	6.4 – 5.9	
Combined (NEDC)	ltr/100 km	7.0 – 6.6	
Combined (WLTP)	ltr/100 km	8.7 – 7.7	
CO <sub>2</sub> (NEDC)	g/km	160 – 151	
CO <sub>2</sub> (WLTP)	g/km	198 – 176	
Emission rating		Euro 6d	

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

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

<sup>2)</sup> Oil change

Fuel consumption, CO<sub>2</sub> emission figures, power consumption and range were measured using the methods required according to Regulation VO (EC) 2007/715 as amended. They refer to vehicles on the automotive market in Germany. With regard to ranges, the NEDC figures take into account differences in the selected wheel and tyre size, while the WLTP figures take into account the effects of any optional equipment.

All figures are already calculated on the basis of the new WLTP test cycle. NEDC values listed have been calculated back to the NEDC measurement procedure where applicable. WLTP values are used as a basis for the assessment of taxes and other vehicle-related levies that are (also) based on CO<sub>2</sub> emissions and, where applicable, for the purposes of vehicle-specific subsidies. Further information on the WLTP and NEDC measurement procedures is also available at [www.bmw.com/wltp](http://www.bmw.com/wltp).

# BMW X3. X3 M40i.

BMW X3 M40i		
<b>Body</b>		
No. of doors/seats		5 / 5
Length/width/height <sup>1)</sup> (unladen)	mm	4716 / 1897 / 1676
Wheelbase	mm	2864
Track, front/rear	mm	1615 / 1594
Turning circle	m	12.1
Tank capacity	approx. ltr	65
Engine oil <sup>2)</sup>	ltr	7.2
Weight, unladen, to DIN/EU	kg	1870 / 1945
Max. load to DIN	kg	630
Max. permissible weight	kg	2500
Max. axle load, front/rear	kg	1200 / 1390
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 <sub>d</sub> x A	0.31 x 2.65
<b>Engine</b>		
Config./No. of cyls./valves		in-line / 6 / 4
Engine technology	M Performance TwinPower Turbo technology: TwinScroll turbocharger, High Precision Injection, VALVETRONIC fully variable valve timing, Double-VANOS variable camshaft timing	
Effective capacity	cm <sup>3</sup>	2998
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	10.2
Fuel		min RON 91
Output	kW/hp	265 / 360
at	rpm	5200 – 6500
Torque	Nm	500
at	rpm	1900 – 5000
<b>Electrical System</b>		
Battery/Installation	Ah/–	90 / luggage comp.
<b>Driving Dynamics and Safety</b>		
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	Two-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 suspension, M Sport differential, DSC linked to xDrive all-wheel drive; 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 latch tensioner and belt force limiter at the front seats, crash sensors, Tyre Pressure Indicator	
Steering	Electric Power Steering (EPS), Variable Sport Steering with Servotronic function	
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	

BMW X3 M40i			
Transmission			
Type of gearbox		8-speed Steptronic	
Gear ratios	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
Final drive		:1	3.385
Performance			
Power-to-weight ratio (DIN)	kg/kW		7.1
Output per litre	kW/l		88.4
Acceleration 0–100 km/h	s		4.8
Top speed	km/h		250
Off-road characteristics			
Angle of approach/departure	°	25.0 / 23.4	
Breakover angle	°	20.0	
Ground clearance when unladen	mm	204	
Fording depth (at 7 km/h)	mm	500	
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 and COMFORT mode with coasting function, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, 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 behavior	
Fuel consumption EU cycle			
Urban (NEDC)	ltr/100 km	9.9 – 9.7	
Extra-urban (NEDC)	ltr/100 km	7.1 – 6.6	
Combined (NEDC)	ltr/100 km	8.1 – 7.8	
Combined (WLTP)	ltr/100 km	9.7 – 8.9	
CO <sub>2</sub> (NEDC)	g/km	187 – 178	
CO <sub>2</sub> (WLTP)	g/km	221 – 204	
Emission rating		Euro 6d	

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

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

<sup>2)</sup> Oil change

Fuel consumption, CO<sub>2</sub> emission figures, power consumption and range were measured using the methods required according to Regulation VO (EC) 2007/715 as amended. They refer to vehicles on the automotive market in Germany. With regard to ranges, the NEDC figures take into account differences in the selected wheel and tyre size, while the WLTP figures take into account the effects of any optional equipment.

All figures are already calculated on the basis of the new WLTP test cycle. NEDC values listed have been calculated back to the NEDC measurement procedure where applicable. WLTP values are used as a basis for the assessment of taxes and other vehicle-related levies that are (also) based on CO<sub>2</sub> emissions and, where applicable, for the purposes of vehicle-specific subsidies. Further information on the WLTP and NEDC measurement procedures is also available at [www.bmw.com/wltp](http://www.bmw.com/wltp).

# BMW X3. X3 xDrive30e.

BMW X3 xDrive30e			
<b>Body</b>			
No of doors/seats		5 / 5	
Length/width/height (unladen)	mm	4708 / 1891 / 1676	
Wheelbase	mm	2864	
Track, front/rear	mm	1620 / 1636	
Turning circle	m	12.0	
Fuel tank capacity	approx. l	50	
Engine oil <sup>1)</sup>	l	5.25	
Weight, unladen, to DIN/EU	kg	1990 / 2065	
Max load to DIN	kg	630	
Max permissible weight	kg	2620	
Max axle load, front/rear	kg	1200 / 1510	
Max trailer load, braked (12%)/unbraked	kg	2000 / 750	
Max roofload/max towbar download	kg	100 / 100	
Luggage comp capacity	l	450 – 1500	
Air resistance	C <sub>d</sub> x A	0.29 x 2.65	
<b>Drive system</b>			
Drive concept		Full hybrid drive, permanent torque vectoring to all four wheels from one or both units via BMW xDrive	
Max system output	kW/hp	215 / 292	
May system torque	Nm	420	
System power to weight ratio (DIN)	kg/kW	9,3	
<b>Petrol Engine</b>			
Config/No of cyls/valves		R / 4 / 4	
Engine technology		BMW TwinPower Turbo technology: TwinScroll turbocharger, High Precision Direct Injection, VALVETRONIC fully variable valve control, Double-VANOS variable camshaft timing	
Effective capacity	cc	1998	
Stroke/bore	mm	94.6 / 82.0	
Compression ratio	:1	11.0	
Fuel		min. RON 91	
Max output	kW/hp	135 / 184	
at	rpm	5000 – 6500	
Max torque	Nm	300	
at	rpm	1350 – 4000	
Output per litre	kW/l	67.6	
<b>Electric Motor</b>			
Motor technology		BMW eDrive technology: synchronous electric motor integrated into 8-speed Steptronic transmission, generator function for energy recuperation for the high-voltage battery	
Max output	kW/hp	80 / 109	
at	rpm	3140	
Max torque	Nm	265	
at	rpm	100 – 2500	
Recuperation output	kW	20	
<b>High-voltage Battery</b>			
Storage technology/installation		Lithium-ion / underneath rear seats	
Voltage	V	354	
Energy capacity (gross)	kWh	12.0	
Charging time for 80% charge		2.4 h at 3.7 kW (16 A / 230 V)	
<b>Transmission</b>			
Type of transmission		Eight-speed Steptronic transmission	
Gear ratios	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		:1	3.385

BMW X3 xDrive30e			
<b>Driving Dynamics and Safety</b>			
Suspension, front		Aluminium double-joint tension-rod spring-strut axle	
Suspension, rear		Five-link axle in lightweight steel construction	
Brakes, front		Single-piston floating-calliper disc brakes, vented	
Brakes, rear		Single-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, DSC linked to xDrive all-wheel drive; optional: Adaptive suspension, Performance Control	
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 in the front, crash sensors, tyre pressure indicator	
Steering		Electric Power Steering (EPS) with Servotronic function, optional: Variable Sport Steering	
Steering ratio, overall		:1	16.8
Tyres, front/rear		225/60 R18 104W XL	
Rims, front/rear		7J x 18 light-alloy	
<b>Performance</b>			
Acceleration 0–100 km/h		s	6.1
Top speed		km/h	210
Top speed (electric)		km/h	135
Electric range (WLTP)		km	43 – 51
<b>Off-road characteristics</b>			
Angle of approach/departure		°	25.6 / 23.4
Breakover angle		°	20.0
Ground clearance when unladen		mm	204
Fording depth (at 7 km/h)		mm	500
<b>BMW EfficientDynamics</b>			
BMW EfficientDynamics standard features		BMW eDrive technology, Electric Power Steering (EPS), hybrid-specific Auto Start Stop function, Optimum Shift Indicator, ECO PRO and COMFORT mode with coasting function and Proactive Driving Assistant, intelligent lightweight construction, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-controlled oil pump, electric a/c compressor, efficiency-optimised rear differential and power divider, tyres with reduced roll resistance	
<b>Consumption ECE</b>			
Fuel consumption, weighted combined (NEDC)		l/100 km	2.4 – 2.1
Fuel consumption, weighted combined (WLTP)		l/100 km	2.5 – 1.9
CO <sub>2</sub> emissions from fuel (NEDC)		g/km	54 – 48
CO <sub>2</sub> emissions from fuel (WLTP)		g/km	58 – 43
Electric power consumption, weighted combined (NEDC)		kWh/l/100 km	16.9 – 16.3
Electric power consumption, weighted combined (WLTP)		kWh/l/100 km	20.3 – 18.5
Emission rating		Euro 6d	

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

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

<sup>2)</sup> Oil change

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All figures are already calculated on the basis of the new WLTP test cycle. NEDC values listed have been calculated back to the NEDC measurement procedure where applicable. WLTP values are used as a basis for the assessment of taxes and other vehicle-related levies that are (also) based on CO<sub>2</sub> emissions and, where applicable, for the purposes of vehicle-specific subsidies. Further information on the WLTP and NEDC measurement procedures is also available at [www.bmw.com/wltp](http://www.bmw.com/wltp).



# BMW X3. X3 xDrive20d.

BMW X3 xDrive20d		
<b>Body</b>		
No. of doors/seats		5 / 5
Length/width/height <sup>1)</sup> (unladen)	mm	4708 / 1891 / 1676
Wheelbase	mm	2864
Track, front/rear	mm	1620 / 1636
Turning circle	m	12.0
Tank capacity	approx. ltr	68
Engine oil <sup>2)</sup>	ltr	5.5
Weight, unladen, to DINEU	kg	1835 / 1910
Max. load to DIN	kg	665
Max. permissible weight	kg	2500
Max. axle load, front/rear	kg	1200 / 1430
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 <sub>d</sub> x A	0.29 x 2.65
<b>Engine</b>		
Config./No. of cyls./valves		in-line / 4 / 4
Engine technology	BMW TwinPower Turbo technology: multi-stage turbocharging, low-pressure turbocharger with variable inlet geometry, common-rail direct injection with solenoid injectors (max. injection pressure: 2500 bar)	
Effective capacity	cm <sup>3</sup>	1995
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel		Diesel
Output	kW/hp	140 / 190
at	rpm	4000
Torque	Nm	400
at	rpm	1750 – 2500
48 V mild hybrid technology		
Max output	kW/hp	8 / 11
<b>Electrical System</b>		
12 V battery/Installation	Ah/–	80 / luggage comp.
48 V battery/Installation	Ah/–	11 / engine comp.
<b>Driving Dynamics and Safety</b>		
Suspension, front	Aluminium double-joint tension-rod spring-strut axle	
Suspension, rear	Five-link axle in lightweight steel construction	
Brakes, front	Single-piston floating-calliper disc brakes / vented	
Brakes, rear	Single-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, DSC linked to xDrive all-wheel drive; optional: M Sport suspension, Adaptive suspension, Performance Control	
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 latch tensioner and belt force limiter at the front seats, crash sensors, Tyre Pressure Indicator	
Steering	Electric Power Steering (EPS) with Servotronic function, optional: Variable Sport Steering	
Steering ratio, overall	:1	16.8
Tyres, front/rear	225/60 R18 104W XL	
Rims, front/rear	7J x 18 light-alloy	

BMW X3 xDrive20d			
Transmission			
Type of gearbox		8-speed Steptronic	
Gear ratios	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
Final drive		:1	3.231
Performance			
Power-to-weight ratio (DIN)		kg/kW	13.1
Output per litre		kW/l	70.2
Acceleration	0–100 km/h	s	7.9
Top speed		km/h	213
Off-road characteristics			
Angle of approach/departure		°	25.6 / 23.4
Breakover angle		°	20.0
Ground clearance when unladen		mm	204
Fording depth (at 7 km/h)		mm	500
BMW EfficientDynamics			
BMW EfficientDynamics standard features		Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration with recuperation display, Auto Start Stop function, ECO PRO and COMFORT mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, efficiency-optimised all-wheel drive, differential with optimised warm-up behaviour, tyres with reduced rolling resistance, BMW Blue Performance technology with SCR catalytic converter	
Fuel consumption EU cycle			
Urban (NEDC)	ltr/100 km	5.5 – 5.2	
Extra-urban (NEDC)	ltr/100 km	4.8 – 4.5	
Combined (NEDC)	ltr/100 km	5.1 – 4.8	
Combined (WLTP)	ltr/100 km	6.7 – 5.9	
CO <sub>2</sub> (NEDC)	g/km	134 – 126	
CO <sub>2</sub> (WLTP)	g/km	174 – 153	
Emission rating		Euro 6d	

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

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

<sup>2)</sup> Oil change

Fuel consumption, CO<sub>2</sub> emission figures, power consumption and range were measured using the methods required according to Regulation VO (EC) 2007/715 as amended. They refer to vehicles on the automotive market in Germany. With regard to ranges, the NEDC figures take into account differences in the selected wheel and tyre size, while the WLTP figures take into account the effects of any optional equipment.

All figures are already calculated on the basis of the new WLTP test cycle. NEDC values listed have been calculated back to the NEDC measurement procedure where applicable. WLTP values are used as a basis for the assessment of taxes and other vehicle-related levies that are (also) based on CO<sub>2</sub> emissions and, where applicable, for the purposes of vehicle-specific subsidies. Further information on the WLTP and NEDC measurement procedures is also available at [www.bmw.com/wltp](http://www.bmw.com/wltp).

# BMW X3. X3 xDrive30d.

BMW X3 xDrive30d		
<b>Body</b>		
No. of doors/seats		5 / 5
Length/width/height <sup>1)</sup> (unladen)	mm	4708 / 1891 / 1676
Wheelbase	mm	2864
Track, front/rear	mm	1620 / 1636
Turning circle	m	12.0
Tank capacity	approx. ltr	68
Engine oil <sup>2)</sup>	ltr	7.0
Weight, unladen, to DINEU	kg	1930 / 2005
Max. load to DIN	kg	620
Max. permissible weight	kg	2550
Max. axle load, front/rear	kg	1200 / 1415
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 <sub>d</sub> x A	0.30 x 2.65
<b>Engine</b>		
Config./No. of cyls./valves		in-line / 6 / 4
Engine technology	BMW TwinPower Turbo technology: multi-stage turbocharging, low-pressure turbocharger with variable inlet geometry, common-rail direct injection with piezo injectors (max. injection pressure: 2700 bar)	
Effective capacity	cm <sup>3</sup>	2993
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel		Diesel
Output	kW/hp	210 / 286
at	rpm	4000
Torque	Nm	650
at	rpm	1500 – 2500
48V mild hybrid technology output	kW/hp	8 / 11
<b>Electrical System</b>		
12V battery/installation	Ah/–	90 / luggage comp.
48V battery/installation	Ah/–	11 / engine comp.
<b>Driving Dynamics and Safety</b>		
Suspension, front	Aluminium double-joint tension-rod spring-strut axle	
Suspension, rear	Five-link axle in lightweight steel construction	
Brakes, front	Single-piston floating-calliper disc brakes / vented	
Brakes, rear	Single-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, DSC linked to xDrive all-wheel drive; optional: M Sport Suspension, Adaptive 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 latch tensioner and belt force limiter at the front seats, crash sensors, Tyre Pressure Indicator	
Steering	Electric Power Steering (EPS) with Servotronic function, optional: Variable Sport Steering	
Steering ratio, overall	:1	16.8
Tyres, front/rear	225/60 R18 104W XL	
Rims, front/rear	7J x 18 light-alloy	

BMW X3 xDrive30d			
Transmission			
Type of gearbox		8-speed Steptronic	
Gear ratios	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
Final drive		:1	2.813
Performance			
Power-to-weight ratio (DIN)		kg/kW	9.2
Output per litre		kW/l	70.2
Acceleration	0–100 km/h	s	5.7
Top speed		km/h	245
Off-road characteristics			
Angle of approach/departure		°	25.6 / 23.4
Breakover angle		°	20.0
Ground clearance when unladen		mm	204
Fording depth (at 7 km/h)		mm	500
BMW EfficientDynamics			
BMW EfficientDynamics standard features		Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration with recuperation display, Auto Start Stop function, ECO PRO and COMFORT mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, efficiency-optimised all-wheel drive, differential with optimised warm-up behaviour, tyres with reduced rolling resistance, BMW Blue Performance technology with SCR catalytic converter	
Fuel consumption EU cycle			
Urban (NEDC)	ltr/100 km	6.7 – 6.4	
Extra-urban (NEDC)	ltr/100 km	5.0 – 4.6	
Combined (NEDC)	ltr/100 km	5.6 – 5.2	
Combined (WLTP)	ltr/100 km	7.0 – 6.1	
CO <sub>2</sub> (NEDC)	g/km	147 – 137	
CO <sub>2</sub> (WLTP)	g/km	183 – 160	
Emission rating		Euro 6d	

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

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

<sup>2)</sup> Oil change

Fuel consumption, CO<sub>2</sub> emission figures, power consumption and range were measured using the methods required according to Regulation VO (EC) 2007/715 as amended. They refer to vehicles on the automotive market in Germany. With regard to ranges, the NEDC figures take into account differences in the selected wheel and tyre size, while the WLTP figures take into account the effects of any optional equipment.

All figures are already calculated on the basis of the new WLTP test cycle. NEDC values listed have been calculated back to the NEDC measurement procedure where applicable. WLTP values are used as a basis for the assessment of taxes and other vehicle-related levies that are (also) based on CO<sub>2</sub> emissions and, where applicable, for the purposes of vehicle-specific subsidies. Further information on the WLTP and NEDC measurement procedures is also available at [www.bmw.com/wltp](http://www.bmw.com/wltp).

# BMW X3. X3 M40d.

BMW X3 M40d		
<b>Body</b>		
No. of doors/seats		5 / 5
Length/width/height <sup>1)</sup> (unladen)	mm	4716 / 1897 / 1676
Wheelbase	mm	2864
Track, front/rear	mm	1615 / 1594
Turning circle	m	12.1
Tank capacity	approx. ltr	68
Engine oil <sup>2)</sup>	ltr	7.0
Weight, unladen, to DIN/EU	kg	2020 / 2095
Max. load to DIN	kg	540
Max. permissible weight	kg	2560
Max. axle load, front/rear	kg	1240 / 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 <sub>d</sub> x A	0.31 x 2.65
<b>Engine</b>		
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 piezo injectors (max. injection pressure: 2700 bar)	
Effective capacity	cm <sup>3</sup>	2993
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel		Diesel
Output	kW/hp	250 / 340
at	rpm	4400
Torque	Nm	700
at	rpm	1750 – 2250
48V mild hybrid technology output	kW/hp	8 / 11
<b>Electrical System</b>		
12V battery/installation	Ah/–	90 / luggage comp.
48V battery/installation	Ah/–	11 / engine comp.
<b>Driving Dynamics and Safety</b>		
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 suspension, M Sport differential, DSC linked to xDrive all-wheel drive; 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 latch tensioner and belt force limiter at the front seats, crash sensors, Tyre Pressure Indicator	
Steering	Electric Power Steering (EPS), Variable Sport Steering with Servotronic function	
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	

BMW X3 M40d			
Transmission			
Type of gearbox		8-speed Steptronic	
Gear ratios	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
Final drive		:1	2.813
Performance			
Power-to-weight ratio (DIN)		kg/kW	8.1
Output per litre		kW/l	83.5
Acceleration	0–100 km/h	s	4.9
Top speed		km/h	250
Off-road characteristics			
Angle of approach/departure		°	25.0 / 23.4
Breakover angle		°	20.0
Ground clearance when unladen		mm	204
Fording depth (at 7 km/h)		mm	500
BMW EfficientDynamics			
BMW EfficientDynamics standard features		Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration with recuperation display, Auto Start Stop function, ECO PRO and COMFORT mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, efficiency-optimised all-wheel drive, differential with optimised warm-up behaviour, tyres with reduced rolling resistance, BMW Blue Performance technology with SCR catalytic converter	
Fuel consumption EU cycle			
Urban (NEDC)	ltr/100 km	7.2 – 6.9	
Extra-urban (NEDC)	ltr/100 km	5.2 – 4.9	
Combined (NEDC)	ltr/100 km	6.0 – 5.6	
Combined (WLTP)	ltr/100 km	7.3 – 6.5	
CO <sub>2</sub> (NEDC)	g/km	157 – 148	
CO <sub>2</sub> (WLTP)	g/km	190 – 171	
Emission rating		Euro 6d	

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

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

<sup>2)</sup> Oil change

Fuel consumption, CO<sub>2</sub> emission figures, power consumption and range were measured using the methods required according to Regulation VO (EC) 2007/715 as amended. They refer to vehicles on the automotive market in Germany. With regard to ranges, the NEDC figures take into account differences in the selected wheel and tyre size, while the WLTP figures take into account the effects of any optional equipment.

All figures are already calculated on the basis of the new WLTP test cycle. NEDC values listed have been calculated back to the NEDC measurement procedure where applicable. WLTP values are used as a basis for the assessment of taxes and other vehicle-related levies that are (also) based on CO<sub>2</sub> emissions and, where applicable, for the purposes of vehicle-specific subsidies. Further information on the WLTP and NEDC measurement procedures is also available at [www.bmw.com/wltp](http://www.bmw.com/wltp).