

Specifications.

BMW X4.

X4 xDrive20i.



BMW X4 xDrive20i		
Body		
No. of doors/seats		5 / 5
Length/width/height ¹⁾ (unladen)	mm	4752 / 1918 / 1621
Wheelbase	mm	2864
Track, front/rear	mm	1620 / 1666
Turning circle	m	12.1
Tank capacity	approx. ltr	65
Engine oil ²⁾	ltr	5.25
Weight, unladen, to DIN/EU	kg	1745 / 1820
Max. load to DIN	kg	655
Max. permissible weight	kg	2400
Max. axle load, front/rear	kg	1135 / 1380
Max. trailer load, braked (12%)/unbraked	kg	2400 / 750
Max. roof load/towbar download	kg	100 / 100
Luggage comp. capacity	ltr	525 – 1430
Air resistance	c _d x A	0.30 x 2.59
Engine		
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 ³	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
Electrical System		
Battery/Installation	Ah/–	80 / luggage comp.
Driving Dynamics and Safety		
Suspension, front	Aluminium double-joint tension-rod spring-strut axle	
Suspension, rear	Five-link axle in lightweight steel construction	
Brakes, front	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, M Sport suspension, DSC linked to xDrive all-wheel drive; optional: 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), Variable Sport Steering with Servotronic function	
Steering ratio, overall	:1	16.8
Tyres, front/rear	225/60 R18 104W XL	
Rims, front/rear	7J x 18 light-alloy	

BMW X4 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	°	25.0 / 21.9	
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 – 7.7	
Extra-urban (NEDC)	ltr/100 km	6.3 – 5.9	
Combined (NEDC)	ltr/100 km	7.0 – 6.6	
Combined (WLTP)	ltr/100 km	8.6 – 7.7	
CO ₂ (NEDC)	g/km	160 – 150	
CO ₂ (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)

¹⁾ Height including roof aerial

²⁾ Oil change

Fuel consumption, CO₂ 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 CO₂ 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.

BMW X4. X4 xDrive30i.

BMW X4 xDrive30i		
Body		
No. of doors/seats		5 / 5
Length/width/height ¹⁾ (unladen)	mm	4752 / 1918 / 1621
Wheelbase	mm	2864
Track, front/rear	mm	1620 / 1666
Turning circle	m	12.1
Tank capacity	approx. ltr	65
Engine oil ²⁾	ltr	5.25
Weight, unladen, to DINEU	kg	1760 / 1835
Max. load to DIN	kg	640
Max. permissible weight	kg	2400
Max. axle load, front/rear	kg	1135 / 1380
Max. trailer load, braked (12%)/unbraked	kg	2400 / 750
Max. roof load/towbar download	kg	100 / 100
Luggage comp. capacity	ltr	520 – 1430
Air resistance	c _d x A	0.30 x 2.59
Engine		
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 ³	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
Electrical System		
Battery/Installation	Ah/–	80 / luggage comp.
Driving Dynamics and Safety		
Suspension, front	Aluminium double-joint tension-rod spring-strut axle	
Suspension, rear	Five-link axle in lightweight steel construction	
Brakes, front	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, M Sport suspension, DSC linked to xDrive all-wheel drive; optional: 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), Variable Sport Steering with Servotronic function	
Steering ratio, overall	:1	16.8
Tyres, front/rear	225/60 R18 104W XL	
Rims, front/rear	7J x 18 light-alloy	

BMW X4 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	°	25.0 / 21.9	
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	6.3 – 5.8	
Combined (NEDC)	ltr/100 km	6.9 – 6.5	
Combined (WLTP)	ltr/100 km	8.7 – 7.7	
CO ₂ (NEDC)	g/km	159 – 150	
CO ₂ (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)

¹⁾ Height including roof aerial

²⁾ Oil change

Fuel consumption, CO₂ 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 CO₂ 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.

BMW X4. X4 M40i.

BMW X4 M40i		
Body		
No. of doors/seats		5 / 5
Length/width/height ¹⁾ (unladen)	mm	4752 / 1938 / 1621
Wheelbase	mm	2864
Track, front/rear	mm	1615 / 1624
Turning circle	m	12.1
Tank capacity	approx. ltr	65
Engine oil ²⁾	ltr	7.2
Weight, unladen, to DIN/EU	kg	1865 / 1940
Max. load to DIN	kg	565
Max. permissible weight	kg	2430
Max. axle load, front/rear	kg	1190 / 1380
Max. trailer load, braked (12%)/unbraked	kg	2400 / 750
Max. roof load/towbar download	kg	100 / 100
Luggage comp. capacity	ltr	525 – 1430
Air resistance	c _d x A	0.31 x 2.59
Engine		
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 ³	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
Electrical System		
Battery/Installation	Ah/–	90 / luggage comp.
Driving Dynamics and Safety		
Suspension, front	Aluminium double-joint tension-rod spring-strut axle	
Suspension, rear	Five-link axle in lightweight steel construction	
Brakes, front	Four-piston fixed-calliper disc brakes / vented	
Brakes, rear	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 X4 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	7.0	
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 / 21.9	
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	7.0 – 6.5	
Combined (NEDC)	ltr/100 km	8.1 – 7.7	
Combined (WLTP)	ltr/100 km	9.7 – 8.9	
CO ₂ (NEDC)	g/km	185 – 177	
CO ₂ (WLTP)	g/km	221 – 202	
Emission rating		Euro 6d	

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

¹⁾ Height including roof aerial

²⁾ 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 CO₂ 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.

BMW X4. X4 xDrive20d.

BMW X4 xDrive20d		
Body		
No. of doors/seats		5 / 5
Length/width/height ¹⁾ (unladen)	mm	4752 / 1918 / 1621
Wheelbase	mm	2864
Track, front/rear	mm	1620 / 1666
Turning circle	m	12.1
Tank capacity	approx. ltr	68
Engine oil ²⁾	ltr	5.5
Weight, unladen, to DINEU	kg	1850 / 1925
Max. load to DIN	kg	735
Max. permissible weight	kg	2585
Max. axle load, front/rear	kg	1220 / 1500
Max. trailer load, braked (12%)/unbraked	kg	2400 / 750
Max. roof load/towbar download	kg	100 / 100
Luggage comp. capacity	ltr	525 – 1430
Air resistance	C _d x A	0.30 x 2.59
Engine		
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 ³	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
Electrical System		
12 V battery/Installation	Ah/–	80 / luggage comp.
48 V battery/Installation	Ah/–	11 / engine comp.
Driving Dynamics and Safety		
Suspension, front	Aluminium double-joint tension-rod spring-strut axle	
Suspension, rear	Five-link axle in lightweight steel construction	
Brakes, front	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, M Sport suspension, DSC linked to xDrive all-wheel drive; optional: 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), Variable Sport Steering with Servotronic function	
Steering ratio, overall	:1	16.8
Tyres, front/rear	225/60 R18 104W XL	
Rims, front/rear	7J x 18 light-alloy	

BMW X4 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	13.2	
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	°	25.0 / 21.9	
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 ₂ (NEDC)	g/km	133 – 125	
CO ₂ (WLTP)	g/km	175 – 153	
Emission rating		Euro 6d	

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¹⁾ Height including roof aerial

²⁾ Oil change

Fuel consumption, CO₂ 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 CO₂ 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.

BMW X4. X4 xDrive30d.

BMW X4 xDrive30d		
Body		
No. of doors/seats		5 / 5
Length/width/height ¹⁾ (unladen)	mm	4752 / 1918 / 1621
Wheelbase	mm	2864
Track, front/rear	mm	1620 / 1666
Turning circle	m	12.1
Tank capacity	approx. ltr	68
Engine oil ²⁾	ltr	7.0
Weight, unladen, to DIN/EU	kg	1930 / 2005
Max. load to DIN	kg	600
Max. permissible weight	kg	2530
Max. axle load, front/rear	kg	1250 / 1415
Max. trailer load, braked (12%)/unbraked	kg	2400 / 750
Max. roof load/towbar download	kg	100 / 100
Luggage comp. capacity	ltr	525 – 1430
Air resistance	c _d x A	0.30 x 2.59
Engine		
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 ³	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
Electrical System		
12V battery/installation	Ah/–	90 / luggage comp.
48V battery/installation	Ah/–	11 / engine comp.
Driving Dynamics and Safety		
Suspension, front	Aluminium double-joint tension-rod spring-strut axle	
Suspension, rear	Five-link axle in lightweight steel construction	
Brakes, front	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, M Sport suspension, DSC linked to xDrive all-wheel drive; optional: 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), Variable Sport Steering with Servotronic function	
Steering ratio, overall	:1	16.8
Tyres, front/rear	225/60 R18 104W XL	
Rims, front/rear	7J x 18 light-alloy	

BMW X4 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		°	25.0 / 21.9
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 – 6.3	
Extra-urban (NEDC)	ltr/100 km	4.9 – 4.5	
Combined (NEDC)	ltr/100 km	5.6 – 5.1	
Combined (WLTP)	ltr/100 km	6.9 – 6.1	
CO ₂ (NEDC)	g/km	146 – 136	
CO ₂ (WLTP)	g/km	181 – 159	
Emission rating		Euro 6d	

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

¹⁾ Height including roof aerial

²⁾ Oil change

Fuel consumption, CO₂ 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 CO₂ 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.

BMW X4. X4 M40d.

BMW X4 M40d		
Body		
No. of doors/seats		5 / 5
Length/width/height ¹⁾ (unladen)	mm	4752 / 1938 / 1621
Wheelbase	mm	2864
Track, front/rear	mm	1615 / 1624
Turning circle	m	12.1
Tank capacity	approx. ltr	68
Engine oil ²⁾	ltr	7.0
Weight, unladen, to DIN/EU	kg	2020 / 2095
Max. load to DIN	kg	535
Max. permissible weight	kg	2555
Max. axle load, front/rear	kg	1220 / 1425
Max. trailer load, braked (12%)/unbraked	kg	2400 / 750
Max. roof load/towbar download	kg	100 / 100
Luggage comp. capacity	ltr	525 – 1430
Air resistance	c _d x A	0.30 x 2.59
Engine		
Config./No. of cyls./valves		in-line / 6 / 4
Engine technology	BMW TwinPower Turbo technology: multi-stage charging, high and low pressure turbocharger with variable-geometry, Common Rail direct injection with piezo injectors (max. injection pressure: 2700 bar)	
Effective capacity	cm ³	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
Electrical System		
12V battery/installation	Ah/–	90 / luggage comp.
48V battery/installation	Ah/–	11 / engine comp.
Driving Dynamics and Safety		
Suspension, front	Aluminium double-joint tension-rod spring-strut axle	
Suspension, rear	Five-link axle in lightweight steel construction	
Brakes, front	Four-piston fixed-calliper disc brakes / vented	
Brakes, rear	Twin-piston floating-calliper disc brakes / vented	
Driving stability systems	Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying function, fading compensation, start-off assistant, Hill Descent Control, Performance Control, M Sport 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 X4 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 / 21.9
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 – 4.8	
Combined (NEDC)	ltr/100 km	5.9 – 5.6	
Combined (WLTP)	ltr/100 km	7.2 – 6.4	
CO ₂ (NEDC)	g/km	156 – 147	
CO ₂ (WLTP)	g/km	188 – 168	
Emission rating		Euro 6d	

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

¹⁾ Height including roof aerial

²⁾ Oil change

Fuel consumption, CO₂ 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 CO₂ 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.