BMW Media Information

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Technical specifications. The new BMW X5. X5 xDrive40i.



Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant, DSC networked with xDrive all-wheel-drive system, ADB-X (Active Differential Brake), HDC (Hill Descent Control), Dynamic Damper Control; optional: active roll stabilisation, electronically controlled rear differential lock			BMW X5 xDrive40i
No of doors/seats			
Length-width/height (unladen)			E (E (T) 1)
Wheelbase			. ,
Track, front/rear Turning circle m 12.6 Turn			
Turning circle			
Fuel tank capacity approx. I 83 Engine oil 3 I 6.5 Engine oil 3 I 6.5 Weight, uniaden, to DINEU kg 2060 / 2135 (2135 / 2210) 19 Max load to DIN kg 765 (895) 19 Max avermissible weight kg 2800 / 3010 19 Max averbissible weight kg 1280 / 1580 (1315 / 1825) 19 Max avel load, front/rear kg 1280 / 1580 (1315 / 1825) 19 Max avel load, front/rear kg 1280 / 1580 (1315 / 1825) 19 Max roller load, kg 100 / 140 download Luggage comp capacity I 645 – 1860 Luggage comp capacity I 645 – 1860 Power Unit ConfigNo of cyls/valves Engine technology BMW TwinPower Turb to technology: TwinScroll turbocharger, High Precision Direct Injection, VALVET RONIC fully variable valve control, Double-VANOS variable camshaft timing Effective capacity C c 2998 Stroke/bore mm 94.6 / 82.0 Compression ratio :1 11.0 Fuel Mix. RON 87 Max output kW/hp 250 / 340 at rpm 5500 – 6500 Max torque Nm 450 at rpm 5500 – 6500 Max torque Nm 450 at rpm 1500 – 5200 Electrical System Battery/installation Ah/ 92 / luggage compartment Driving Dynamics and Safety Suspension, rear Five-link avie in lightweight steel construction; optional: air suspension with automatic self-levelling Brakes, front Single-piston fixed-calliper disc brakes, vented Five-link avie in lightweight steel construction; optional: air suspension with automatic self-levelling Brakes, front Single-piston fixed-calliper disc brakes, vented Suspension, rear Five-link avie in lightweight steel construction; optional: air suspension with automatic self-levelling Brakes, front Single-piston fixed-calliper disc brakes, vented Standard: DSC incl. ABS and DTC (Dynamic Traction Control), DPD Raving function, Fading Compensation, Start-Off Assistant, DSC networked with XDriva all-wheel-drive system, ADB-X (Active Differential Brake), HDC (Hill Descent Control), Dynamic Damper Control erae differential lock Controlly Dynamics and best for chief airbage for driver and front passenger, head airbags for fortion and rear seats, three-point inertia-reel seatbeit on all seats wi			
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Download Luggage comp capacity 1			
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Direct Injection, VALVETRONIC fully variable valve control, Double-VANOS variable camshaft timing	Config/No of cyls/valves		In-line / 6 / 4
Effective capacity cc 2998 Stroke/bore mm 94.6/82.0 Compression ratio :1 11.0 Fuel Min. RON 87 Max output kWhp 250 / 340 at rpm 5500 – 6500 Max torque Nm 450 at rpm 1500 – 5200 Electrical System Battery/installation Ah/- 92 / luggage compartment Driving Dynamics and Safety Suspension, front Double-wishbone axle in aluminium construction; optional: air suspension with automatic self-levelling Suspension, rear Five-link axle in lightweight steel construction; optional: air suspension with automatic self-levelling Brakes, front Single-piston fixed-calliper disc brakes, vented Brakes, rear Single-piston floating-calliper disc brakes, vented Driving stability systems Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), DSC (Dynamic Brake Control), DSC networked with xDrive all-wheel-drive system, ADB-X (Active Differential Brake), HDC (Hill Descent Control), Dynamic Damper Control; optional: active roll stabilisation, electronically controlled rear differential lock Safety equipment Standard: airbags for driver and front passenger, side airbags for driver and front passenger, side airbags for driver and belt force limiter in the front, crash sensors, tyre pressure indicator Steering Electric Power Steering (EPS); optional: Integral Active Steering Steering ratio, overall :1 18.7 Tyres, front/rear 255/55 R18 109W XL	Engine technology		Direct Injection, VALVETRONIC fully variable valve control,
Compression ratio :1 11.0 Fuel Min. RON 87 Max output kW/hp 250 / 340 at rpm 5500 – 6500 Max torque Nm 450 at rpm 1500 – 5200 Flectrical System Battery/installation Ah/- 92 / luggage compartment Priving Dynamics and Safety Suspension, front Double-wishbone axle in aluminium construction; optional: air suspension with automatic self-levelling Suspension, rear Five-link axle in lightweight steel construction; optional: air suspension with automatic self-levelling Brakes, front Single-piston fixed-calliper disc brakes, vented Brakes, rear Single-piston floating-calliper disc brakes, vented Driving stability systems Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant, DSC networked with xDrive all-wheel-drive system, ADB-X (Active Differential Brake), HDC (Hill Descent Control), Dynamic Damper Control; optional: active roll stabilisation, electronically controlled rear differential lock Safety equipment Standard: airbags for driver and front passenger, side airbags for driver and front passenger, sead airbags for front and rear seats, three-point inertia-reel seatbets 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); optional: Integral Active Steering Steering ratio, overall :1 18.7 Tyres, front/rear 255/55 R18 109W XL	Effective capacity	СС	
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Max torque Nm 450 at rpm 1500 – 5200 Electrical System Battery/installation Ah/- 92 / luggage compartment Driving Dynamics and Safety Suspension, front Double-wishbone axle in aluminium construction; optional: air suspension with automatic self-levelling Suspension, rear Five-link axle in lightweight steel construction; optional: air suspension with automatic self-levelling Brakes, front Single-piston fixed-calliper disc brakes, vented Brakes, rear Single-piston floating-calliper disc brakes, vented Driving stability systems Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dyn Braking function, Fading Compensation, Start-Off Assistant, DSC networked with xDrive all-wheel-drive system, ADB-X (Active Differential Brake), HDC (Hill Descent Control), Dynamic Damper Control; optional: active roll stabilisation, electronically controlled rear differential lock 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); optional: Integral Active Steering Steering ratio, overall :1 18.7 Tyres, front/rear 255/55 R18 109W XL			
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Driving Dynamics and Safety	Electrical System		
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Brakes, rear Single-piston floating-calliper disc brakes, vented	Suspension, rear		
Brakes, rear Single-piston floating-calliper disc brakes, vented	Brakes, front		Single-piston fixed-calliper disc brakes, vented
Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant, DSC networked with xDrive all-wheel-drive system, ADB-X (Active Differential Brake), HDC (Hill Descent Control), Dynamic Damper Control; optional: active roll stabilisation, electronically controlled rear differential lock 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); optional: Integral Active Steering Steering ratio, overall 1 18.7 Tyres, front/rear 255/55 R18 109W XL	Brakes, rear		Single-piston floating-calliper disc brakes, vented
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Steering Electric Power Steering (EPS); optional: Integral Active Steering Steering ratio, overall :1 18.7 Tyres, front/rear 255/55 R18 109W XL	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
Steering ratio, overall :1 18.7 Tyres, front/rear 255/55 R18 109W XL	Steering		Electric Power Steering (EPS);
Tyres, front/rear 255/55 R18 109W XL	Steering ratio, overall	:1	

		BMW X5 xDrive40i
Transmission		
Type of transmission		Eight-speed Steptronic transmission
Gear ratios I	:1	5,250
	:1	3.360
		2.172
IV		1,720
V	:1	1.316
V	I :1	1.000
V	II :1	0.822
V	III :1	0.640
R	:1	3.712
Final drive	:1	3.385
Performance		
Power-to-weight ratio (DIN)	kg/kW	8.2 (8.5) ¹⁾
Output per litre	kW/l	83.4
Acceleration 0–100 km/h	S	5.5
Top speed	km/h	243
Off-road characteristics		
Angle of approach/departure	0	25.2 / 22.3
Breakover angle	0	20.2
Ground clearance when	mm	214
unladen		
Fording depth (at 7 km/h)	mm	500
BMW EfficientDynamics		
BMW EfficientDynamics		Brake Energy Regeneration with recuperation display, Electric Power Steering
standard features	C	(EPS), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function, BMW EfficientLightweight, optimised aerodynamic attributes, on-demand operation of ancillary units, map-regulated oil pump, efficiency- and weight-optimised all-wheel drive, differential and transfer case with optimised warm-up behaviour, tyres with reduced rolling resistance
Fuel Consumption ECE 3)		
Urban	l/100 km	4)
Extra-urban	1/100 km	4)
Combined	1/100 km	8.8 – 8.5
		200 – 193
CO ₂	g/km	200 – 193

Specifications apply to ACEA markets/data relevant to homologation applies in part only to Germany (weight) All technical specifications are provisional

4) Figures not yet available

The fuel consumption, CO2 emissions and electric power consumption figures were determined according to the European Regulation (EC) 715/2007 in the version applicable. The figures refer to a vehicle with basic configuration in Germany. The range shown considers the different sizes of the selected wheels/tyres and the selected items of optional equipment, and may vary during configuration.

The values for the vehicles marked * are already based on the new WLTP test cycle and have been translated back into NEDC-equivalent values in order to ensure comparability between the vehicles. With respect to these vehicles, for vehicle-related taxes or other duties based (at least inter alia) on CO_2 emissions, the CO_2 values may differ from the values stated here (depending on national legislation).

The CO_2 efficiency specifications are determined according to Directive 1999/94/EC and the latest version of the Pkw-EnVKV, and based (for classification) on the fuel consumption and CO_2 values as per the NEDC cycle.

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

¹⁾ With optional third seat row

² Oil change ³ Fuel consumption and CO₂ emissions depend on the selected tyre format

BMW Media Information

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The new BMW X5. X5 xDrive50i. (Not available in Europe)

		BMW X5 xDrive50i
Body		
No of doors/seats		5/5
Length/width/height (unladen)	mm	4922 / 2004 / 1745
Wheelbase	mm	2975
Track, front/rear	mm	1678 / 1697
Turning circle	m	12.6
	approx. I	83
Engine oil 1)		10.5
Weight, unladen, to DIN/EU	kg	2286 / 2361
Max load to DIN	kg	765
Max permissible weight	kg	2930
Max axle load, front/rear	kg	1410 / 1605
Max trailer load,	kg	
braked (12%)/unbraked		2700 / 750
Max roofload/max towbar	kg	100 / 140
download		
Luggage comp capacity	- 1	645 – 1860
Air resistance	c _d x A	0.32 x 2.90
Power Unit		
Config/No of cyls/valves		V/8/4
Engine technology		BMW TwinPower Turbo technology: two TwinScroll turbochargers, High
Engine technology		Precision Direct Injection, VALVETRONIC fully variable valve control, Double- VANOS variable camshaft control
Effective capacity	CC	4395
Stroke/bore	mm	88.3 / 89.0
Compression ratio	:1	10.5
Fuel		Min. RON 91
Max output	kW/hp	340 / 462
at		5250 – 6000
Max torque	rpm Nm	650
at	rpm	1500 – 4750
<u>ut</u>	тріті	1300 4730
Electrical System		
Battery/installation	Ah/–	105 / luggage compartment
Driving Dynamics and Safet	У	Devikte with the second is all main an example to the second size of t
Suspension, front		Double-wishbone axle in aluminium construction; optional: air suspension with automatic self-levelling
Suspension, rear		Five-link axle in lightweight steel construction; optional: air suspension with
Casperision, real		automatic self-levelling
Brakes, front		Single-piston fixed-calliper disc brakes, vented
Brakes, rear		Single-piston floating-calliper disc brakes, vented
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant, DSC networked with xDrive all-wheel-drive system, ADB-X (Active Differential Brake), HDC (Hill Descent Control), Dynamic Damper Control; optional: active roll stabilisation, electronically
0.6		controlled rear differential lock
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 seatbelt 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); optional: Integral Active Steering
Steering ratio, overall	:1	
Steering ratio, overall Tyres, front/rear	:1	18.7 265/50 R19 110W XL

		BMW X5 xDrive50i
Transmission		
Type of transmission		Eight-speed Steptronic transmission
Gear ratios	I :1	
	:1	
	IV :1	= 4
	V :1	
	VI :1	
	VII :1	
	VIII :1	0.640
	R :1	3.993
Final drive	:1	3.154
Performance		
Power-to-weight ratio (C	NN) kg/kW	6.7
Output per litre	kW/	77.4
Acceleration 0–100	km/h	4.7
Top speed	km/h	250
Off-road characterist	ics	
Angle of approach/depar	rture	25.2 / 22.3
Breakover angle	(20.2
Ground clearance when	mm	214
unladen		
Fording depth (at 7 km/h	n) mm	500
BMW EfficientDynam	ics	
BMW EfficientDynamics		Brake Energy Regeneration with recuperation display, Electric Power Steering
standard features		(EPS), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with
		coasting function, BMW EfficientLightweight, optimised aerodynamic attributes
		on-demand operation of ancillary units, map-regulated oil pump, efficiency- and
		weight-optimised all-wheel drive, differential and transfer case with optimised
		warm-up behaviour, tyres with reduced rolling resistance
Fuel Consumption EC	E	
Urban	l/100 km	15.6
Extra-urban	l/100 km	
Combined	l/100 km	·
CO ₂	g/km	<u> </u>

All technical specifications are provisional

The fuel consumption, CO_2 emissions and electric power consumption figures were determined according to the European Regulation (EC) 715/2007 in the version applicable. The figures refer to a vehicle with basic configuration in Germany. The range shown considers the different sizes of the selected wheels/tyres and the selected items of optional equipment, and may vary during configuration.

The values for the vehicles marked * are already based on the new WLTP test cycle and have been translated back into NEDC-equivalent values in order to ensure comparability between the vehicles. With respect to these vehicles, for vehicle-related taxes or other duties based (at least inter alia) on CO₂ emissions, the CO₂ values may differ from the values stated here (depending on national legislation).

The CO_2 efficiency specifications are determined according to Directive 1999/94/EC and the latest version of the Pkw-EnVKV, and based (for classification) on the fuel consumption and CO_2 values as per the NEDC cycle.

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

¹⁾ Oil change

The new BMW X5. X5 xDrive30d.

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Body No of doors/seats Length/width/height (unladen) Wheelbase Track, front/rear			
No of doors/seats Length/width/height (unladen) Wheelbase			
Length/width/height (unladen) Wheelbase			
Wheelbase		5 / 5 (7) ¹⁾	
	mm	4922 / 2004 / 1745	
Track, front/rear	mm	2975	
· · · · · · · · · · · · · · · · · · ·	mm	1666 / 1685	
Turning circle	m	12.6	
	approx. I	80	
Engine oil 2)	1	6.5	
Weight, unladen, to DIN/EU	kg	2110 / 2185 (2185 / 2260) 1)	
Max load to DIN	kg	770 (905) ¹⁾	
Max permissible weight	kg	2860 (3090) 1)	
Max axle load, front/rear	kg	1320 / 1615 (1340 / 1870) ¹⁾	
Max trailer load,	kg	0700 / 750	
braked (12%)/unbraked		2700 / 750	
Max roofload/max towbar	kg	100 / 140	
download		0.45 4000	
Luggage comp capacity		645 – 1860	
Air resistance	c _d x A	0.31 x 2.90	
Power Unit			
Config/No of cyls/valves		In-line / 6 / 4	
Engine technology		BMW TwinPower Turbo technology: turbocharger with variable inlet geometry,	
3 3,		common-rail direct injection with piezo injectors	
		(max. injection pressure: 2500 bar)	
Effective capacity	CC	2993	
Stroke/bore	mm	90.0 / 84.0	
Compression ratio	:1	16.5	
Fuel		Diesel	
Max output	kW/hp	195 / 265	
at	rpm	4000	
Max torque	Nm	620	
at	rpm	2000 – 2500	
Electrical System	A I. /	00/1	
Battery/installation	Ah/–	92 / luggage compartment	
Driving Dynamics and Safety	,		
Suspension, front		Double-wishbone axle in aluminium construction; optional: air suspension with	
		automatic self-levelling	
Suspension, rear		Five-link axle in lightweight steel construction; optional: air suspension with	
D 1 ()		automatic self-levelling	
Brakes, front		Single-piston fixed-calliper disc brakes, vented	
Brakes, rear		Single-piston floating-calliper disc brakes, vented	
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering	
		Brake Control), DBC (Dynamic Brake Control), Dry Braking function,	
		Fading Compensation, Start-Off Assistant, DSC networked with xDrive	
	all-wheel-drive system, ADB-X (Active Differential Brake), HDC (Hill Descent Control), Dynamic Damper Control; optional: active roll stabilisation, electronically		
		controlly, Dynamic Damper Control, optional, active roll stabilisation, electronically controlled rear differential lock	
		Standard: airbags for driver and front passenger, side airbags for driver and front	
Safaty aguinment		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 seatbelt:	
Safety equipment			
Safety equipment	-	9 , 9	
Safety equipment	ı	on all seats with belt stopper, belt latch tensioner and belt force limiter in the	
	-	on all seats with belt stopper, belt latch tensioner and belt force limiter in the front, crash sensors, tyre pressure indicator	
		on all seats with belt stopper, belt latch tensioner and belt force limiter in the front, crash sensors, tyre pressure indicator Electric Power Steering (EPS);	
Steering		on all seats with belt stopper, belt latch tensioner and belt force limiter in the front, crash sensors, tyre pressure indicator Electric Power Steering (EPS); optional: Integral Active Steering	
Safety equipment Steering Steering ratio, overall Tyres, front/rear	:1	on all seats with belt stopper, belt latch tensioner and belt force limiter in the front, crash sensors, tyre pressure indicator Electric Power Steering (EPS);	

			BMW X5 xDrive30d
Transmission			
Type of transmi	ssion		Eight-speed Steptronic transmission
Gear ratios	l	:1	5,500
		:1	3.520
	——————————————————————————————————————	:1	2,200
	IV	:1	1,720
1	V	:1	1.317
	VI	:1	1.000
	VII	:1	0.823
1	VIII	:1	0.640
1	R	:1	3.993
Final drive		:1	2.929
Performance			
Power-to-weigh	nt ratio (DIN)	kg/kW	10.8 (11.2) ¹⁾
Output per litre	,	kW/l	65.2
Acceleration	0-100 km/h	S	6.5
Top speed		km/h	230
Off-road chara	acteristics		
Angle of approa	ch/departure	0	25.2 / 22.3
Breakover angle)	0	20.2
Ground clearand unladen	ce when	mm	214
Fording depth (a	at 7 km/h)	mm	500
BMW Efficient	tDynamics		
BMW EfficientD	ynamics		Brake Energy Regeneration with recuperation display, Electric Power Steering
standard feature	es		(EPS), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with
		(coasting function, BMW EfficientLightweight, optimised aerodynamic attributes,
		(on-demand operation of ancillary units, map-regulated oil pump, efficiency- and
			weight-optimised all-wheel drive, differential and transfer case with optimised
			warm-up behaviour, tyres with reduced rolling resistance,
			BMW Blue Performance technology
Fuel Consump	ation ECE 3)		
Urban	JUSTI FOE	l/100 km	7.7 – 6.8
Extra-urban		1/100 km	6.3 – 5.6
Combined		1/100 km	6.8 – 6.0
CO ₂		g/km	
Emission rating		yıkılı	EU6d-TEMP
LITISSIOTTALING			EUOU-TEIVIF

Specifications apply to ACEA markets/data relevant to homologation applies in part only to Germany (weight) All technical specifications are provisional

The fuel consumption, CO_2 emissions and electric power consumption figures were determined according to the European Regulation (EC) 715/2007 in the version applicable. The figures refer to a vehicle with basic configuration in Germany. The range shown considers the different sizes of the selected wheels/tyres and the selected items of optional equipment, and may vary during configuration.

The values for the vehicles marked * are already based on the new WLTP test cycle and have been translated back into NEDC-equivalent values in order to ensure comparability between the vehicles. With respect to these vehicles, for vehicle-related taxes or other duties based (at least inter alia) on CO₂ emissions, the CO₂ values may differ from the values stated here (depending on national legislation).

The CO_2 efficiency specifications are determined according to Directive 1999/94/EC and the latest version of the Pkw-EnVKV, and based (for classification) on the fuel consumption and CO_2 values as per the NEDC cycle.

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

¹⁾ With optional third seat row

²⁾ Oil change

³⁾ Fuel consumption and CO₂ emissions depend on the selected tyre format

The new BMW X5. X5 M50d.

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		BMW X5 M50d
Body No of doors/cooks		F (F (7) 1)
No of doors/seats	100.100	5/5(7) 1)
Length/width/height (unladen)	mm	4922 / 2004 / 1745
Wheelbase	mm	2975
Track, front/rear	mm	1680 / 1687
Turning circle	m	12.6
Fuel tank capacity	approx. I	80
Engine oil 2)	<u> </u>	6.5
Weight, unladen, to DIN/EU	kg	2275 / 2350 (2350 / 2425) 1)
Max load to DIN	kg	820 (880) ¹⁾
Max permissible weight	kg	3010 (3160) ¹⁾
Max axle load, front/rear	kg	1395 / 1670 (1405 / 1865) ¹⁾
Max trailer load,	kg	
braked (12%)/unbraked		2700 / 750
Max roofload/max towbar	kg	100 / 140
download		
Luggage comp capacity	I	645 – 1860
Air resistance	$c_d x A$	0.32 x 2.90
Power Unit		
Config/No of cyls/valves		In-line / 6 / 4
Engine technology		M Performance TwinPower Turbo technology: multi-stage turbocharging with
g		four turbochargers (two turbochargers for the high-pressure stage and two for
		the low-pressure stage), high-pressure turbochargers with variable inlet
		geometry, common-rail direct injection with piezo injectors
		(max. injection pressure: >2500 bar)
Effective capacity	CC	2993
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.0
Fuel	• • • • • • • • • • • • • • • • • • • •	Diesel
Max output	kW/hp	294 / 400
at		4400
	rpm Nm	760
Max torque		2000 – 3000
at	rpm	2000 – 3000
Electrical System		
	Λ I= /	00//
Battery/installation	Ah/–	92 / luggage compartment
Driving Dynamics and Safe	.	
	ty	
Suspension, front		Double-wishbone axle in aluminium construction; optional: air suspension with automatic self-levelling
Suspension, rear		Five-link axle in lightweight steel construction; optional: air suspension with
		automatic self-levelling
Brakes, front		Single-piston fixed-calliper disc brakes, vented
Brakes, rear		Single-piston floating-calliper disc brakes, vented
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering
		Brake Control), DBC (Dynamic Brake Control), Dry Braking function,
		Fading Compensation, Start-Off Assistant, DSC networked with xDrive
		all-wheel-drive system, ADB-X (Active Differential Brake), HDC (Hill Descent
	(Control), Dynamic Damper Control; optional: active roll stabilisation, electronically
		Control), Dynamic Damper Control; optional: active roll stabilisation, electronically controlled rear differential lock
Safety equipment		Control), Dynamic Damper Control; optional: active roll stabilisation, electronically controlled rear differential lock Standard: airbags for driver and front passenger, side airbags for driver and front
Safety equipment		Control), Dynamic Damper Control; optional: active roll stabilisation, electronically controlled rear differential lock 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
Safety equipment		Control), Dynamic Damper Control; optional: active roll stabilisation, electronically controlled rear differential lock Standard: airbags for driver and front passenger, side airbags for driver and front
Safety equipment		Control), Dynamic Damper Control; optional: active roll stabilisation, electronically controlled rear differential lock 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
Safety equipment Steering		Control), Dynamic Damper Control; optional: active roll stabilisation, electronically controlled rear differential lock 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
		Control), Dynamic Damper Control; optional: active roll stabilisation, electronically controlled rear differential lock 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
		Control), Dynamic Damper Control; optional: active roll stabilisation, electronically controlled rear differential lock 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 Electric Power Steering (EPS);
Steering	ţ	Control), Dynamic Damper Control; optional: active roll stabilisation, electronically controlled rear differential lock 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 Electric Power Steering (EPS); optional: Integral Active Steering
Steering Steering ratio, overall	ţ	Control), Dynamic Damper Control; optional: active roll stabilisation, electronically controlled rear differential lock 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 Electric Power Steering (EPS); optional: Integral Active Steering 18.7
Steering Steering ratio, overall	ţ	Control), Dynamic Damper Control; optional: active roll stabilisation, electronically controlled rear differential lock 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 Electric Power Steering (EPS); optional: Integral Active Steering 18.7 275/40 R21 107Y XL/

			BMW X5 M50d
T			
Transmission	-1		Field accord Observation transmission
Type of transmis	sion	.1	Eight-speed Steptronic transmission
Gear ratios	<u> </u>	:1_	5.500
		:1_	3.520
		:1	2.200
	IV N	: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	3.154
Performance			
Power-to-weight	ratio (DIN)	kg/kW	7.7 (8.0) ¹⁾
Output per litre		kW/l	98.2
Acceleration	0-100 km/h	S	5.2
Top speed		km/h	250
Off-road chara	cteristics		
Angle of approac	:h/departure	0	25.2 / 22.3
Breakover angle		0	20.2
Ground clearanc	e when	mm	214
unladen			
Fording depth (a	t 7 km/h)	mm	500
BMW Efficient	Dynamics		
BMW EfficientDy			Brake Energy Regeneration with recuperation display, Electric Power Steering
standard feature			(EPS), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with
otariaara roataro	5		coasting function, BMW EfficientLightweight, optimised aerodynamic attributes,
			on-demand operation of ancillary units, map-regulated oil pump, efficiency- and
			weight-optimised all-wheel drive, differential and transfer case with optimised
			warm-up behaviour, BMW Blue Performance technology
			warm up sonarrour, sinv side i anomiarios teeminelegy
Fuel Consump	tion ECE 3)		
Urban		I/100 km	8.1 – 7.6
Extra-urban		I/100 km	6.7 – 6.3
Combined		I/100 km	7.2 – 6.8
CO ₂		g/km	190 – 179
Emission rating			EU6d-TEMP

Specifications apply to ACEA markets/data relevant to homologation applies in part only to Germany (weight) All technical specifications are provisional

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¹⁾ With optional third seat row

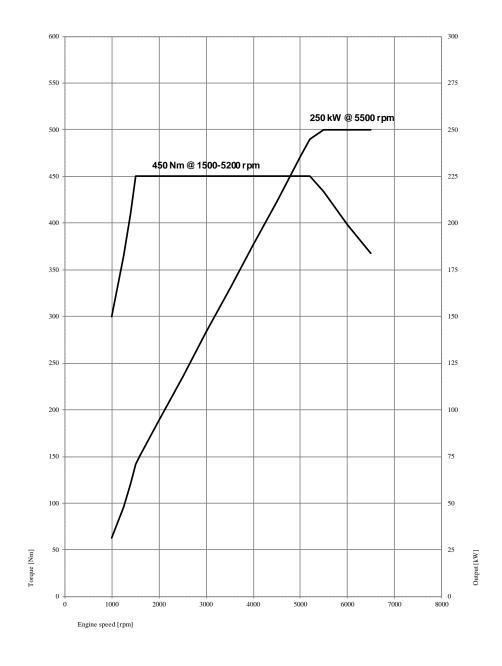
⁹ Wild opinion and CO₂ emissions depend on the selected tyre format ³ Fuel consumption and CO₂ emissions depend on the selected tyre format

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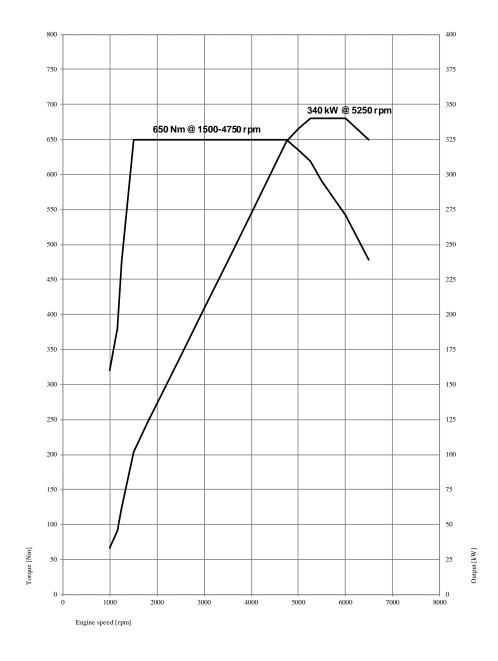
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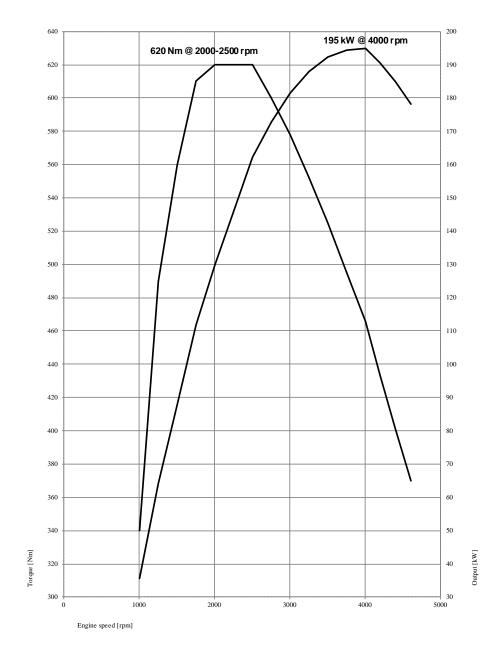
Output and torque diagrams. The new BMW X5. X5 xDrive40i.



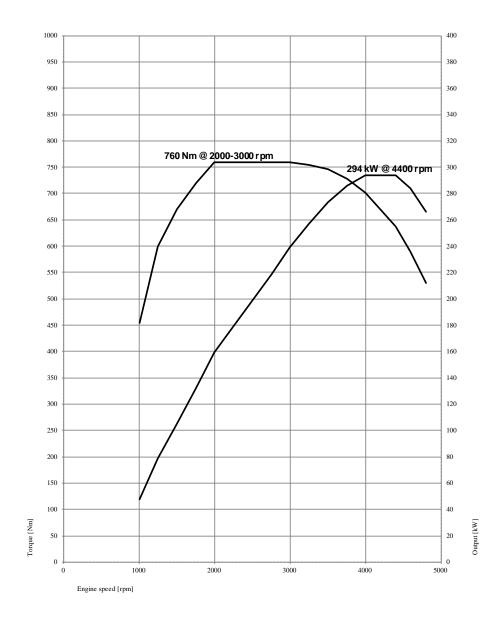








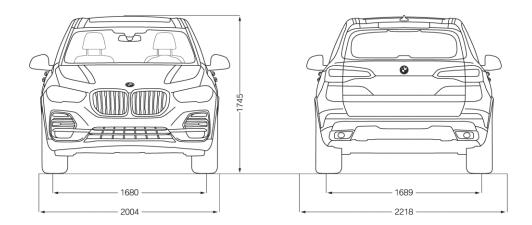


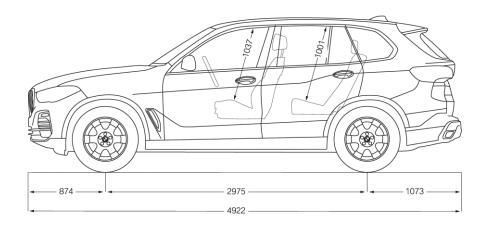


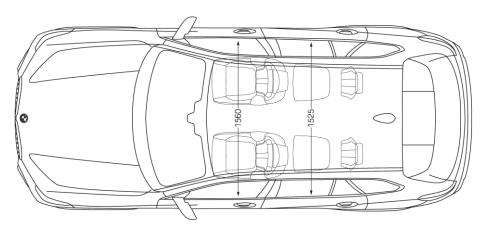
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Exterior and interior dimensions. The new BMW X5.









*dimensions in cm