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Technical specifications. The first-ever BMW X7. X7 xDrive40i.



Config/No of cyls/valves			BMW X7 xDrive40i
No. of doors/seats	Body		
Lengthwidthheight (unladen)			5 / 7 (6) 1)
Wheelbase mm 3105 Track, front/ear mm 1684 / 1705 Turning circle m 13.0 Fuel tank capacity approx. I 83 Engine oil 3" I 6.5 Weight, unladen, to DINEU kg 2320 / 2395 Max load to DIN kg 835 Max permissible weight kg 3155 Max strailer load, braked kg 1340 / 1910 Max rofloadfunat ownbar kg 100 / 140 download Luggage comp capacity I 326 - 2120 Air resistance Ca x A 0.33 x 3.00 Power Unit Canfighto of cylskvalves In-line / 6 / 4 Engine technology BMW TwinPower Turbo technology TwinScroft Urbocharger, High Precision Direct Injection, VALVETRONIC fully variable valve control, Double-VANOS variable camshaft timing Effective capacity cc 2988 Strokebore mm 94.6 182.0 Compression ratio :1 11.0 Fuel min. RON 87 Max output kW/hp		mm	, ,
Track, front/rear Turning circle m 13.0 Turn			
Turning circle			
Fuel tank capacity approx. I 83 Engine oil ²³ I 6.5 Weight, unladen, to DINEU kg 2320 / 2395 Max load to DIN kg 835 Max permissible weight kg 3155 Max axide load, front/rear kg 1340 / 1910 Max trailer load, braked kg 2200 / 750 Max tool forward kg 100 / 140 download Max roning are comparable to the control of the cont			
Engine col 12 Max India (to DIN			
Weight, unladen, to DINIEU kg 835 Max load to DIN kg 835 Max permissible weight kg 3155 Max avale load, front/rear kg 1340 / 1910 Max roll to Divinity kg 1340 / 1910 Max roll to Divinity kg 100 / 140 download Max roll to Divinity kg 100 / 140 download Luggage comp capacity I 326 - 2120 Air resistance cax A 0.33 x 3.00 Power Unit ConfigNo of cylsivalves Engine technology BMW TwinPower Turbo technology: TwinScroll turbocharger, High Precision Direct Injection, VALVETRONIC fully variable valve control, Duble-VANOS variable camshaft timing Effective capacity cc 2998 Stroke/bore mm 94.6 / 82.0 Compression ratio :1 1.0 Full min. RON 87 Max output kW/hp 250 / 340 at ppm 5500 - 6500 Max torque Nm 450 at rpm 1500 - 5200 Electrical System Battery/installation Ah/— 80 / luggage compartment Driving Dynamics and Safety Suspension, rear Five-link axle in lightweight steel construction; air suspension with automatic self-levelling Brakes, rear Single-piston floating-calliper disc brakes, vented Driving stability systems Standard: DSC incl. ABS and DTC (Dynamic Brakes, vented Driving stability systems Standard: airbags for driver and front passenger, side air			
Max load to DIN kg 835 Max parenissible weight kg 3155 Max axele load, front/rear kg 1340 / 1910 Max trailer load, braked kg 12200 / 750 Max roofload/max towbar kg 100 / 140 download Luggage comp capacity I 326 - 2120 Air resistance ca x A 0.33 x 3.00 Power Unit Config/No of cyls/valves 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 2998 Stroke/Bore mm 94.6 / 82.0 Compression ratio 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/- 80 / luggage compartment Driving Dynamics and Safety Suspension, front Double-wishbone axle in aluminium construction; air suspension with automatic self-levelling Brakes, front Single-piston fixed-calliper disc brakes, vented Driving stability systems Standard: DSC incl. ABS and DTC (Dynamic Tarkes, Horte). Prof. passenger, side airbags for driver and front passenger, per pressure indicator Steering Tatio, overall 11. Tyres, front/rear 27550 R20 113W XL			
Max permissible weight kg 3155 Max avale load, front/rear kg 1340 / 1910 Max trailer load, braked kg (12%), unbraked kg 100 / 140 download			
Max vale load, front/rear Max trailer load, praked Max rofload/max towbar download Uggage comp capacity Air resistance Cax A 0.33 x 3.00 Power Unit Config/No of cyts\valves Engine technology BMW TwinPower Turbo technology: TwinScroll turbocharger, High Precision Direct Injection, VALVE TRONIC fully variable valve control, Double-VANOS variable camshaft timing Effective capacity Cc 2998 StrokeBore mm 94.6 / 82.0 Compression ratio 11.0 Fuel min. RON 87 Max output kW/hp 250 / 340 at 1 pm 1500 – 5500 Max forque Nm 450 at 1 pm 1500 – 5200 Electrical System Batteryfinstallation Ah/— Bouble-wishbone axle in aluminium construction; air suspension with automatic self-levelling Suspension, rear Five-link axle in lightweight steel construction; air suspension with automatic self-levelling Brakes, front Facilia, Compression, Start-Off Assistant, DSC networked with xDrive all-wheel-drive system, ADB-X (Automatic Differential Brake), HDC (Filli Descent Control), CRC (Corpering Brakes prior 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 Tyres, front/rear 275/50 R20 113W XL Tyres, front/rear 275/50 R20 113W XL			
Max trailer load, braked (12%)/unbraked Max roofload/max towbar kg 100 / 140 download Luggage comp capacity I 326 – 2120 Air resistance cax A 0.33 x 3.00 Power Unit Config/No of cyts/valves Engine technology BMW TwinPower Turbo technology: TwinScroll turbocharger, High Precision Direct Injection, VALV-ETRONIC fully variable valve control, Double-VANOS variable camshaft timing Effective capacity cc 2998 Stroke/bore mm 9.4.6 / 82.0 Compression ratio :1 1.0 Fuel min. RON 87 Max output kW/hp 250 / 340 at rpm 5500 – 6500 Max torque Nm 450 at rpm 1500 – 5200 Electrical System Battery/installation Ah/—80 / luggage compartment Driving Dynamics and Safety Suspension, front Double-wishbone axle in aluminium construction; air suspension with automatic self-levelling Brakes, front Single-piston fixed-calliper disc brakes, vented Driving stability systems Five-link axle in lightweight steel construction; air suspension with automatic self-levelling Brakes, rear Single-piston floating-calliper disc brakes, vented Strandard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), DBC			
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Max roofload/max towbar download Luggage comp capacity I 326 – 2120 Air resistance c _d x A 0.33 x 3.00 Power Unit ConfigNo of cyts/valves Engine technology BMW TwinPower Turbo technology: TwinScroll turbocharger, High Precision Direct Injection, VALVETRONIC fully variable valve control, Double-VANOS variable camshaft timing Effective capacity c ₂ 2998 Stroke/bore mm 94.6 / 82.0 Compression ratio :1 1.0 Fuel min. RON 87 Max output kW/hp 250 / 340 at rpm 5500 – 6500 Max torque Nm 450 at rpm 1500 – 5200 Electrical System Battery/installation Ah/— 80 / luggage compartment Driving Dynamics and Safety Suspension, front Double-wishbone axle in aluminium construction; air suspension with automatic self-levelling Brakes, front Brakes, front Single-piston floating-calliper disc brakes, vented Brakes, rear Driving stability systems Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Comering Brake Control), DBC (Dynamic Brake Control), DBC (Dynamic Brake), HDC (Hill Desivent and front passenger, side airbags for driver and front passenger, side airbags for froit and rear sessenger, side airbags for driver and front passenger, side airbags for froit and rear sessenger, side airbags for driver and front passenger, side airbags for driver and front passenger, side airba	,	ı vg	2200 / 750
download Luggage comp capacity I 326 – 2120 Air resistance Ca x A 0.33 x 3.00 Power Unit Config/No of cyls/valves 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 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/- 80 / luggage compartment Driving Dynamics and Safety Suspension, front Double-wishbone axle in aluminium construction; air suspension with automatic self-levelling Brakes, front Single-piston fixed-calliper disc brakes, vented Brakes, rear Single-piston fixed-calliper disc brakes, vented Brakes, front Standard: DSC incl. ABS and DT (Dynamic Traction control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant, DSC networked with xbrive all-wheel drive system, ADB-X (Automatic Differential Brake), HDC (Fill Descent Control), Adaptive suspension; optional: active roll stabilisation Standard: airbags for driver and front passenger, side airbags for driver and front passenger, indicator Steering Electric Power Steering (EPS); optional: Integral Active Steering Steering ratio, overall :1 Tyres, front/rea	· ·	ka	
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Config/No of cyls/valves		-	
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 2998 Stroke/bore mm 94.6 / 82.0 Compression ratio :1 1.0 Fuel min. RON 87 Max output kW/hp 250 / 340 at rpm 5500 – 6500 Max torque Nm 450 at rpm 1500 – 5200 Electrical System Battery/installation Ah/– 80 / luggage compartment Driving Dynamics and Safety Suspension, front Double-wishbone axle in aluminium construction; air suspension with automatic self-levelling Suspension, rear Five-link axle in lightweight steel construction; air suspension with automatic self-levelling Brakes, front Single-piston fixed-calliper disc brakes, vented Brakes, rear Single-piston floating-calliper disc brakes, vented Brakes, rear 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 (Automatic Differential Brake), HDC (HII) Descent Control), Adaptive suspension; optional: active roll stabilisation Safety equipment Standard: airbags for driver and front passenger, side airbags for force limiter in the front, crash sensors, tyre pressure indicator Steering Electric Power Steering (EPS); optional: Integral Active Steering Steering ratio, overall :1 8.7 Tyres, front/frear 275/50 R20 113W XL	Power Unit		
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Electrical System Battery/installation Ah/— 80 / luggage compartment Driving Dynamics and Safety Suspension, front Double-wishbone axle in aluminium construction; air suspension with automatic self-levelling Suspension, rear Five-link axle in lightweight steel construction; 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 (Automatic Differential Brake), HDC (Hill Descent Control), Adaptive suspension; optional: active roll stabilisation 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 275/50 R20 113W XL			
Battery/installation			
Driving Dynamics and Safety Suspension, front Double-wishbone axle in aluminium construction; air suspension with automatic self-levelling Suspension, rear Five-link axle in lightweight steel construction; 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 (Automatic Differential Brake), HDC (Hill Descent Control), Adaptive suspension; optional: active roll stabilisation 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 275/50 R20 113W XL	Electrical System		
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Suspension, front Double-wishbone axle in aluminium construction; air suspension with automatic self-levelling Suspension, rear Five-link axle in lightweight steel construction; 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 (Automatic Differential Brake), HDC (Hill Descent Control), Adaptive suspension; optional: active roll stabilisation 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	Driving Dynamics and Safe	hv	
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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 (Automatic Differential Brake), HDC (Hill Descent Control), Adaptive suspension; optional: active roll stabilisation 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 275/50 R20 113W XL	Suspension, rear	I	levelling
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 (Automatic Differential Brake), HDC (Hill Descent Control), Adaptive suspension; optional: active roll stabilisation 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 275/50 R20 113W XL	Brakes, front		
Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant, DSC networked with xDrive all-wheel- drive system, ADB-X (Automatic Differential Brake), HDC (Hill Descent Control), Adaptive suspension; optional: active roll stabilisation 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 275/50 R20 113W XL	Brakes, rear		
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 275/50 R20 113W XL	Driving stability systems	I	Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant, DSC networked with xDrive all-wheeldrive system, ADB-X (Automatic Differential Brake), HDC (Hill Descent Control),
Steering Electric Power Steering (EPS); optional: Integral Active Steering Steering ratio, overall :1 18.7 Tyres, front/rear 275/50 R20 113W XL	Safety equipment		on all seats with belt stopper, belt latch tensioner and belt force limiter in the
Steering ratio, overall :1 18.7 Tyres, front/rear 275/50 R20 113W XL	Steering		Electric Power Steering (EPS);
Tyres, front/rear 275/50 R20 113W XL	Ctooring ratio everall	.1	
		:1	
	Rims, front/rear		

		BMW X7 xDrive40i
Transmission		
Type of transmission		Eight-speed Steptronic transmission
Gear ratios	l :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	3.636
Performance		
Power-to-weight ratio (DII)	N) kg/kW	9.3
Output per litre	kW/l	83.4
Acceleration 0–100 k	m/h s	6.1
Top speed	km/h	245
Off-road characteristic	:s	
Angle of approach/departu	ure °	25.0 / 22.2
Breakover angle	0	19.8
Ground clearance when	mm	221
unladen		
Fording depth (at 7 km/h)	mm	500
BMW EfficientDynamic	s	
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 ECE	3)	
Urban	l/100 km	3)
Extra-urban	l/100 km	3)
Combined	l/100 km	9.0 – 8.7
CO ₂	g/km	205 – 198
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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The values are already based on the new WLTP test cycle and are 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).

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' (Guide to the fuel economy, CO2 emissions and electric power consumption of new passenger cars), which can be obtained free of charge from all dealerships, from Deutsche Automobil Treuhand GmbH (DAT), Hellmuth-Hirth-Str. 1, 73760 Ostfildern-Schamhausen and at https://www.dat.de/co2/.

¹⁾ With optional individual seats in the second row

With optional individual s
 Oil change
 Figures not yet available

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The first-ever BMW X7. X7 xDrive50i. (Not available in Europe)

		BMW X7 xDrive50i
Body		
No of doors/seats		5 / 7 (6) ¹⁾
Length/width/height (unladen)	mm	5151 / 2000 / 1805
Wheelbase	mm	3105
Track, front/rear	mm	1684 / 1705
Turning circle	m	13.0
Fuel tank capacity	approx. I	83
Engine oil 2)		10.5
Weight, unladen, to DIN/EU	kg	2460 / 2535
Max load to DIN	kg	795
Max permissible weight	kg	3255
Max axle load, front/rear	kg	1445 / 1920
Max trailer load, braked	kg	
(12%)/unbraked		2700 / 750
Max roofload/max towbar	kg	100 / 140
download		
Luggage comp capacity		
Air resistance	c _d x A	0.34 x 3.00
Power Unit		
Config/No of cyls/valves		V/8/4
Engine technology		BMW TwinPower Turbo technology: two TwinScroll turbochargers, High Precision Direct Injection, VALVETRONIC fully variable valve control, Double- VANOS variable camshaft timing
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	rpm	5250 - 6000
Max torque	Nm	650
at	rpm	1500 – 4750
Electrical System		
Battery/installation	Ah/–	80 / luggage compartment
Driving Dynamics and Safe	ety	
Suspension, front		Double-wishbone axle in aluminium construction; air suspension with automatic self-levelling
Suspension, rear		Five-link axle in lightweight steel construction; 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 (Automatic Differential Brake), HDC (Hill Descent Control), Adaptive suspension; 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 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);
Clouring		optional: Integral Active Steering
		optional integral Active Ottorning
Steering ratio, overall	:1	18.7
Steering ratio, overall Tyres, front/rear	:1	18.7 275/50 R20 113W XL

		BMW X7 xDrive50i
Transmission		F: 1
Type of transmission		Eight-speed Steptronic transmission
Gear ratios I	:1	5.500
	:1	3.520
	:1	2.200
IV		1.720
V	:1	1.317
VI		1.000
VI		0.823
VI		0.640
R		3.993
Final drive	:1	3.385
Performance		
Power-to-weight ratio (DIN)	kg/kW	7.2
Output per litre	kW/l	77.4
Acceleration 0–100 km/h	S	5.4
Top speed	km/h	250
Off-road characteristics		
Angle of approach/departure	0	25.0 / 22.2
Breakover angle	0	19.8
Ground clearance when	mm	221
unladen		
Fording depth (at 7 km/h)	mm	500
BMW EfficientDynamics		
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
	,	oasting 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		
Urban	I/100 km	3)
Extra-urban	1/100 km	3)
	l/100 km	11.4
Combined		
COnbined CO2	g/km	261

All technical specifications are provisional

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¹⁾ With optional individual seats in the second row

²⁾ Oil change 3) Figures not yet available

The first-ever BMW X7. X7 xDrive30d.

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		BMW X7 xDrive30d
		
Body		
No of doors/seats		5 / 7 (6) ¹⁾
Length/width/height (unladen)	mm	5151 / 2000 / 1805
Wheelbase	mm	3105
Track, front/rear	mm	1684 / 1705
Turning circle	m	13.0
Fuel tank capacity	approx. I	80
Engine oil 2)	T	6.5
Weight, unladen, to DIN/EU	kg	2370 / 2445
Max load to DIN	kg	850
Max permissible weight	kg	3220
Max axle load, front/rear	kg	1365 / 1950
Max trailer load, braked	kg	
(12%)/unbraked	9	2200 / 750
Max roofload/max towbar	kg	100 / 140
download	9	1001110
Luggage comp capacity		326 – 2120
Air resistance	c _d x A	0.33 x 3.00
7 11 10010101100	ουκτι	0.00 X 0.00
Power Unit		
Config/No of cyls/valves		In-line / 6 / 4
Engine technology		BMW TwinPower Turbo technology: turbocharger with variable inlet geometry,
0		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
<u> </u>	трпп	2000 2000
Electrical System		
Battery/installation	Ah/–	90 / luggage compartment
Driving Dynamics and Safe		
Suspension, front		Double-wishbone axle in aluminium construction; air suspension with automatic
		self-levelling
Suspension, rear	F	Five-link axle in lightweight steel construction; 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 (Automatic Differential Brake), HDC (Hill Descent Control),
		Adaptive suspension; optional: active roll stabilisation
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front
	k	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		275/50 R20 113W XL
Rims, front/rear		8.5J x 20 light-alloy

			BMW X7 xDrive30d
Transmission			
Type of transmi	ission		Eight-speed Steptronic transmission
Gear ratios	1	: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	11	:1	3.077
ı ınaı unve			3.011
Performance			
Power-to-weigh	nt ratio (DIN)	kg/kW	12.2
Output per litre		kW/l	65.2
Acceleration	0–100 km/h	S	7.0
Top speed		km/h	227
Off-road char	actoristics		
Angle of approa		0	25.0 / 22.2
Breakover angle	<u> </u>	0	19.8
Ground clearane		mm	221
unladen			
Fording depth (at 7 km/h)	mm	500
D1011 ECC :			
BMW Efficient			Brake Energy Regeneration with recuperation display, Electric Power Steering
standard feature	,		(EPS), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with
Stariuaru leature	25		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 with SCR catalyst
			Bivivy blue renormance technology with 30h Catalyst
Fuel Consum	ption ECE		
Urban		l/100 km	3)
Extra-urban		I/100 km	3)
Combined		l/100 km	6.8 – 6.5

178 – 171

EU6d-TEMP

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

g/km

Emission rating

 $\overline{CO_2}$

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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' (Guide to the fuel economy, CO₂ emissions and electric power consumption of new passenger cars), which can be obtained free of charge from all dealerships, from Deutsche Automobil Treuhand GmbH (DAT), Hellmuth-Hirth-Str. 1, 73760 Ostfildern-Scharnhausen and at https://www.dat.de/co2/.

¹⁾ With optional individual seats in the second row

²⁾ Oil change ³⁾ Figures not yet available

The first-ever BMW X7. X7 M50d.

		BMW X7 M50d
Body		
No of doors/seats		5 / 7 (6) ¹⁾
Length/width/height (unladen)	mm	5151 / 2000 / 1805
Wheelbase	mm	3105
Track, front/rear	mm	1682 / 1703
Turning circle	m	13.0
Fuel tank capacity	approx. I	80
Engine oil 2)		6.5
Weight, unladen, to DIN/EU	kg	2460 / 2535
Max load to DIN	kg	830
Max permissible weight	kg	3290
Max axle load, front/rear	kg	1415 / 1945
Max trailer load, braked (12%)/unbraked	kg	2600 / 750
Max roofload/max towbar	kg	100 / 140
download	Ü	
Luggage comp capacity	I	326 – 2120
Air resistance	C _d x A	0.34 x 3.00
Power Unit		
Config/No of cyls/valves		In-line / 6 / 4
Engine technology		M Performance TwinPower Turbo technology: multi-stage turbocharging with
		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	rpm	4400
Max torque	Nm	760
at	rpm	2000 – 3000
Electrical System		
Battery/installation	Ah/-	90 / luggage compartment
Driving Dynamics and Safe	ety	
Suspension, front		Double-wishbone axle in aluminium construction; air suspension with automatic self-levelling
Suspension, rear	F	ive-link axle in lightweight steel construction; 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	F	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-wheeldrive system, ADB-X (Automatic Differential Brake), HDC (Hill Descent Control), Adaptive suspension, electronically controlled rear differential lock; optional: active roll stabilisation,
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front
	p	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
Ctooring		front, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS);
Stooring ratio avarall	:1	optional: Integral Active Steering 18.7
Steering ratio, overall	- 11	
Tyres, front/rear		285/45 R21 113Y XL
Rims, front/rear		9.5J x 21 light-alloy

		BMW X7 M50d
Transmission		
Type of transmission		Eight-speed Steptronic transmission
Gear ratios	l :1	5,555
	.1 :1	
	.11	
	IV :1	
	V :1	1.317
	VI :1	*****
	VII :1	0.823
	VIII :1	0.640
	R :1	3.993
Final drive	:1	3.231
Performance		
Power-to-weight ratio ([DIN) kg/kW	8.4
Output per litre	kW/	98.2
Acceleration 0–100) km/h s	5.4
Top speed	km/h	250
Off-road characterist	tics	
Angle of approach/depa		25.0 / 22.2
Breakover angle	C	19.8
Ground clearance when	mm	221
unladen		
Fording depth (at 7 km/	h) mm	500
BMW EfficientDynam	nice	
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
Staridard reatures		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 with SCR catalyst
		, , , , , , , , , , , , , , , , , , ,
Fuel Consumption E	CE	
Urban	l/100 km	3)
Extra-urban	l/100 km	3)
Combined	l/100 km	7.4 – 7.0
CO ₂	g/km	
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 individual seats in the second row

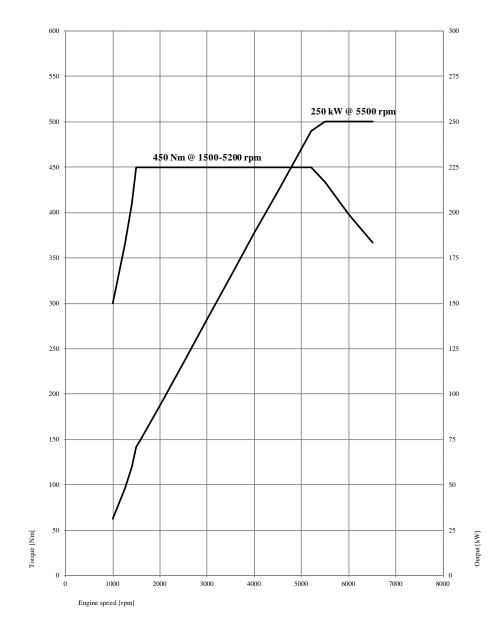
²⁾ Oil change 3) Figures not yet available

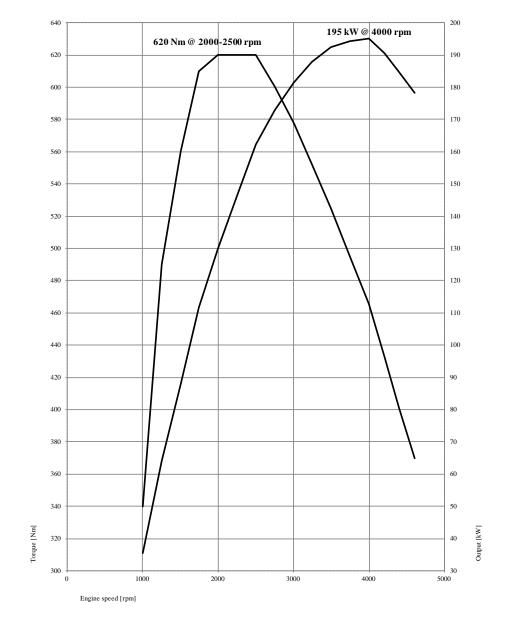
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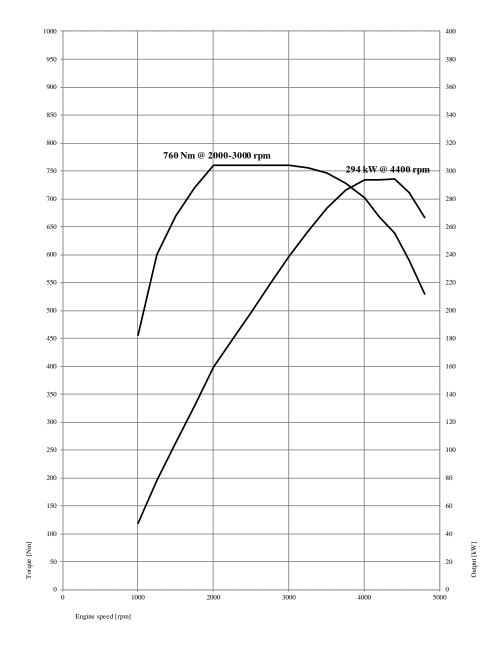
Output and torque diagrams. The first-ever BMW X7. X7 xDrive40i.











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Exterior and interior dimensions. The first-ever BMW X7.



