

# Technical data

## BMW X7

	G07		
	X7 xDrive 30d	X7 xDrive 40i	X7 M50d
<b>Engine type</b>	B57D3000	B58B30M1	B57D30S0
<b>Transmission type</b>	automatic	automatic	automatic
Transmission type	8HP76	8HP51	8HP76 Sport
Nr. of gears	8	8	8
Nr. axles	2	2	2
Powered axles	AWD	AWD	AWD
Seats	7	7	7
Number of Doors	5	5	5
Veh. length	mm	5151	5151
Width	mm	2000	2000
Height	mm	1805	1805
Wheelbase	mm	3105	3105
Overhang front	mm	874	874
Rear overhang	mm	1172	1172
Turning circle	m	13	13
Ground clearance	mm	221	221
Shoulder width front	mm	1525	1525
Shoulder room rear	mm	1475	1475
Elbow width - front	mm	1560	1560
Elbowroom - rear	mm	1527	1527
Legroom - front	mm	1011	1011
Legroom rear - second row	mm	954	954
Legroom rear - third row	mm	846	846
Maximum headroom - front	mm	1064	1064
Maximum headroom - second row	mm	1013	1013
Maximum headroom - third row	mm	930	930
Knee clearance	mm	100	100
Luggage volume, Seats up	m³	0.75	0.75
Luggage volume, Seats down	m³	2.12	2.12
Fuel tank capacity (approx.)	liter	80	83
Curb weight (DIN)	kg	2370	2320
Curb weight (EC)	kg	2445	2395
Rear Weight distribution (empty car)	%	53.6	53.7
Gross veh. weight	kg	3220	3155
Payload	kg	850	835
Axle load limit front	kg	1365	1340
Rear axle load limit	kg	1950	1910
Gross veh. weight /w.trailer	kg	3320	3255
Rear axle load w. trailer	kg	2090	2090
Payload w. trailer	kg	950	935
Trailer load braked 12%	kg	2200	2200
Trailer load unbraked	kg	750	750
Trailer nose weight	kg	140	140
Roof load	kg	100	100
<b>Engine</b>			
Engine type	--	B57D3000	B58B30M1
Cylinders	--	6	6
Valves p.cyl.	--	4	4
Fuel management	--		
Charging Type	--	BMW TwinPower Turbo	BMW TwinPower Turbo
Injection type	--	Common rail direct injection	High-precision direct injection
Stroke	mm	90	94.6
Bore	mm	84	82
Displacement	cm³	2993	2998
Compression rate	:1	16.5	11
Rated engine power	kW	195	250
Engine power	PS	265	340
Engine power	BHP	261	335
at rpm	1/min	4000-4000	5500-6500
Engine torque	Nm	620	450
Engine torque	ft lbs	457	332
at rpm	1/min	2000-2500	1500-5200
0-62mph	s	7	6.1
Top speed	mph	141	152*
Useable fuel quality	--	Diesel	ROZ91-100/ E24/ ROZ87
Recommended fuel quality	--	Diesel	ROZ95
Engine oil capacity	liter	6.5	6.5
Output per litre	kW/dm³	65.2	83.4
Power to weight ratio	kg/kW	12.2	9.3
Transmission type	--	8HP76	8HP51
Gear ratios 1st gear	--	5.5	5.25
2nd	--	3.52	3.36
3rd	--	2.2	2.172
4th	--	1.72	1.72
5th	--	1.317	1.316
6th	--	1	1
7th	--	0.823	0.822
8th	--	0.64	0.64
Reverse gear	--	3.993	3.712
Final drive ratio	--	3.077	3.636
Track front	mm	1684	1684
Width of the rear track	mm	1705	1705
Wheel offset front	mm	35	35
Wheel offset rear	mm	35	35
A	m²	3	3
Cx min	--	0.33	0.33
Cx max	--	0.37	0.37
Air resistance min	m²	0.99	0.99
Air resistance max	m²	1.11	1.11
NOx	g/km	0.0305	0.0202
Fuel consumption	mpg	32.8-33.6	24.6-24.8
CO2	g/km	171	198
Emission classification (type-certified)	--	EU6d - TEMP	EU6d - TEMP
SCR (Yes/No)	--	Yes	No
SCR-Typ Activatank	--	P_Tank refillable by truck nozzle	-
AdBlue-Volume (Activatank)	liter	21.5	21.5

\*Top speed reduced to 130mph with option code 4NN.