



X6

X6 xDrive40i
X6 M50i



The Ultimate
Driving Experience.®

BMW X6.

2021MY PRODUCT GUIDE.

BMW X6 Sports Activity Coupé	CY63 BMW X6 xDrive40i	CY83 BMW X6 M50i
Basic data summary		
Transmission type	Automatic	Automatic
Engine description	B58B30M1	N63B44T3
Seats	5	5
Number of doors	5	5
Engine type	xDrive (AWD)	xDrive (AWD)
Dimensions		
Exterior		
Length, mm	4947	4947
Width, mm	2004	2004
Height, mm	1696	1696
Width inc. mirrors, mm	2212	2212
Width incl.mirror driver, mm	1119	1119
Width incl.mirror passengers side, mm	1093	1093
Wheelbase, mm	2975	2975
Overhang front, mm	890	890
Rear overhang, mm	1082	1082
Turning circle, m	12.6	12.6
Ground clearance, mm	216	216
country depending ground clearance Front Axle ML1, mm	200	200
country dependeing ground clearance rear axle ML1, mm	182	182
Interior		
Shoulder width front, mm	1523	1523
Shoulder room rear, mm	1466	1466
Elbow width front, mm	1560	1560
Elbowroom rear, mm	1542	1542
effective legroom front (L34), mm	1026	1026
effective legroom rear second seating row (L51-2), mm	908	908
Max. headroom front, mm	1025	1025
Headroom front/SR, mm	999	999
Maximum headroom second, mm	953	953
Maximum headroom rear, mm	968	968
Knee clearance, mm	97	97
Seats	5	5
seats second row	3	3
Offroad data		
Approach angle front ML1 (A106-1), °	23.9	23.9
Departure angle rear ML1 (A106-2), °	21.2	21.2
Ramp angle ML1 , °	17.1	17.1
Luggage volumes		
Press Trunk volume, ft³	27.4 - 59.6	27.4 - 59.6
Weight		
Vehicle weights		
Curb weight (without driver), kg	2202	2320
vehicle curb weight without driver (front axle), kg	1118	1206
vehicle curb weight without driver (rear axle), kg	1084	1114
Axle load limit front, kg	1325	1470
rear axle load limit, kg	1668	1670
rear Weight distribution (empty car), %	49.2	48
Gross veh. weight, kg	2832	3020
Payload, kg	432	420/568
Trailer operation		
Trailer load braked 12%, kg	2700/3270	2700/3270
gross vehicle wieght with trailer 12% Kat1, kg	5532/6102	5720/6290
Trailer nose weight, kg	250	250
US weights		
gross vehicle weight, lbs	6243	6658
Payload lbs, lbs	952	926/1252
Front axle load lbs, lbs	2921	3241
Axle load limit rear, lbs	3677	3682
vehicle weight without driver empty fuel tank, lbs	4718	4978
vehicle weight without driver empty fuel tank -RA, lbs	2280	2346
vehicle weight without driver empty fuel tank -FA, lbs	2438	2632
vehicle curb weight inkl. 100% SAa und 33% SAs, lbs	4855	5115
Performance /fuel eco.		
Performance		
Final drive ratio	3.385	3.154
Top speed, km/h	210/243 (Optional)	210/250 (Optional)
0-100Km/h, s	5.6	4.3
Fuel cons. City, L/100km	11.7 (NRCAN MY2020)	14.5 (NRCAN MY2020)
Fuel cons. Highway, L/100km	9.1 (NRCAN MY2020)	10.7 (NRCAN MY2020)
Fuel cons. Combined, L/100km	10.5 (NRCAN MY2020)	12.8 (NRCAN MY2020)
Motor data		
Communication		
Power to weight ratio, kg/kW	8.8	5.9
Output per litre, kW/dm³	83.4	88.7
Motor		

Engine type	B58B30M1	N63B44T3
Cylinders	6	8
Valves p.cyl.	4	4
Stroke, mm	94.6	88.3
Bore, mm	82	89
Displacement, cm³	2998	4395
Compression rate, :1	11	10.5
Engine power (bHP), bHP	335	523
rpm at maximum power, 1/min	5500-6500	5500-6000
minimum Engine speed at maximum power, 1/min	5500	5500
maximum Engine speed at maximum power, 1/min	6500	6000
Engine torque, Nm	450	750
Engine torque, ftlbs	331	553
rpm at maximum torque, 1/min	1500-5200	1800-4600
minimum Engine speed at maximum torque, 1/min	1500	1800
maximum Engine speed at maximum torque, 1/min	5200	4600
Fuel type	gasoline	gasoline
Useable Fuel quality	AKI 89 MIN, E25 MAX	AKI 89 MIN, E25 MAX
recomm.	AKI 91	AKI 91
Engine oil (exchange quantity), l	6.5	10.5
Gearbox		
Combustion engine		
Transmission type V	GA8X51CZ	GA8X76AZ
Transmission type	Automatic	Automatic
Nr. of gears	8	8
Gear ratios 1st gear**	5.25	5.5
2nd**	3.36	3.52
3rd**	2.172	2.2
4th**	1.72	1.72
5th**	1.316	1.317
6th**	1	1
7th**	0.822	0.823
8th**	0.64	0.64
Reverse gear**	3.712	3.993
Aerodynamics		
Cx		
Cx Min	0.34	0.33
Cx Max	0.38	0.37
Cx Range, m²	0.34-0.38	0.33-0.37
Cx x A		
Cx x A Min, m²	0.96	0.93
Cx x A Max, m²	1.08	1.05
Stirnflaeche		
Facing surface , m²	2.83	2.83
Emission		
Emission classification (type-certified)***	ULEV125	ULEV125
chassis		
Wheel/Tyres		
Front tyres	N/A	275/45 R20 110 H XL AS
Front tyres var.1	N/A	N/A
Front tyres var.2	275/45 R20 110 H XL AS	N/A
Front tyres var.3	275/40 R21 107 Y XL	275/35 R22 104 Y XL
Front tyres var.4	275/35 R22 104 Y XL	N/A
Front rims	N/A	9Jx20 LM
Front rims var.1	N/A	N/A
Front rims var.2	9Jx20 LM	N/A
Front rims var.3	9,5Jx21 LM	9,5Jx22 LM
Front rims var.4	9,5Jx22 LM	N/A
Rear tyres	N/A	275/45 R20 110 H XL AS
Rear tyres var.1	N/A	N/A
Rear tyres var.2	275/45 R20 110 H XL AS	N/A
Rear tyres var.3	315/35 R21 111 Y XL	315/30 R22 107 Y XL
Rear tyres var.4	315/30 R22 107 Y XL	N/A
Rear rims	N/A	9Jx20 LM
Rear rims var.1	N/A	N/A
Rear rims var.2	9Jx20 LM	N/A
Rear rims var.3	10,5Jx21 LM	10,5Jx22 LM
Rear rims var.4	10,5Jx22 LM	N/A
Track front, mm	N/A	1688
Track front var.1, mm	N/A	N/A
Track front var.2, mm	1684	N/A
Track front var.3, mm	1680	1684
Track front var.4, mm	1680	N/A
Width of the rear track, mm	N/A	1705
Track rear var.1, mm	N/A	N/A
Track rear var.2, mm	1704	N/A
Track rear var.3, mm	1688	1689
Track rear var.4, mm	1688/1689	N/A
Wheel offset front, mm	N/A	35
Wheel offset front var.1, mm	N/A	N/A
Wheel offset front var.2, mm	35	N/A
Wheel offset front var.3, mm	37	37

Wheel offset front var.4, mm	37	N/A
Wheel offset rear, mm	N/A	35
Wheel offset rear var.1, mm	N/A	N/A
Wheel offset rear var.2, mm	35	N/A
Wheel offset rear var.3, mm	43	43
Wheel offset rear var.4, mm	43	N/A
Run flat tyres	N/A	yes
Run flat tyres var.1	N/A	N/A
Run flat tyres var.2	yes	N/A
Run flat tyres var.3	no	no
Run flat tyres var.4, -	no	N/A
Steering		
Power-steering	EPS	EPS
Steering transmission, overall, :1	16.4/18.7	16.4/18.7
Tank		
Fuel tank capacity (approx.) , l	83	83
US Tank capacity (gallons) - series, gal	21.9	21.9
Battery		
Battery Capacity (low voltage), Ah	90	80
System voltage (low voltage), V	12	12
SCR		
SCR (Yes/No)	No	No
Offroad data FI		
fording depth (without auxiliary heating), mm	500	500
climbing ability starting, %	32	32

Please note: Technical data show BC/WC ranges. SA specific configuration (pre-configuration) cannot be considered. If needed the information can be retrieved from WLTP sales documentation instead. If there is more than one value for a numerical data field within a combination of model type and transmission type, then the BC/WC value is shown. In case of non-numerical data fields, the values are separated by ",".