



BMW X3

BMW X3



The Ultimate
Driving Experience.®

BMW X3.

2022MY PRODUCT GUIDE.

BMW X3 G01	X3 xDrive30e	X3 xDrive30i	X3 M40i
New model types	63DP	53DP	83DP
Basic data summary			
Transmission type	automatic	automatic	automatic
Engine description	XB114201	B46B2001	B58B3001
Seats	5	5	5
Number of doors	5	5	5
Engine type	xDrive (AWD)	xDrive (AWD)	xDrive (AWD)
Gearbox			
Combustion engine			
Transmission ratio 2nd gear**; 2nd**	3.143	3.36	3.36
Transmission ratio 7th gear**; 7th**	0.839	0.822	0.822
Transmission ratio reverse gear**	3.317	3.712	3.712
Transmission ratio 6th gear**; 6th**	1	1	1
Transmission ratio 1st gear**; 1st**	4.714	5.25	5.25
Transmission ratio 3rd gear**; 3rd**	2.106	2.172	2.172
Transmission ratio 5th gear**; 5th**	1.285	1.316	1.316
Transmission ratio 4th gear**; 4th**	1.667	1.72	1.72
Transmission ratio 8th gear**; 8th**	0.667	0.64	0.64
Nr. of gears	8	8	8
Transmission type	automatic	automatic	automatic
Transmission type V	GA8P75HZ	GA8X51CZ	GA8X51CZ
Motor data			
Motor			
Cylinders	4	4	6
Valves p.cyl.	4	4	4
Emission classification (type-certified)***	SULEV30	SULEV30	ULEV70
Engine type	B46B2001	B46B2001	B58B3001
Useable Fuel quality	AKI 89 MIN	AKI 89 MIN	AKI 89 MIN
Fuel type	gasoline	gasoline	gasoline
recomm.	RON 95	AKI 91	AKI 91
Compression rate, :1	10.2	10.2	10.2
minimum Engine speed at maximum torque, 1/min	1450	1450	1800
maximum Engine speed at maximum power, 1/min	6500	6500	6500
maximum Engine speed at maximum torque, 1/min	3600	4800	5000
minimum Engine speed at maximum power, 1/min	3800	5200	5800
rpm at maximum torque, 1/min	1450-3600	1450-4800	1800-5000
rpm at maximum power, 1/min	3800-6500	5200-6500	5800-6500
Engine power (bHP), bHP	181	248	382
Displacement, cm³	1998	1998	2998
Rated engine power (kW), kW	135	185	285
Engine oil (exchange quantity), l	5.75	5.75	7.2
Stroke, mm	94.6	94.6	94.6
Bore, mm	82	82	82
Engine torque, Nm	350	350	500
Engine power (HP), PS	184	252	387
Electric motor 1			
Engine Config (1. E-engine)	permanent erregte	N/A	N/A
Motor function (1. E-engine)	electrical traction maschine	N/A	N/A
Engine (1. E-engine)	GC1P25M0	N/A	N/A
minimum engine speed at Peak torque (1.E-Motor), 1/min	100	N/A	N/A
at rpm (1. E-engine), 1/min	3140	N/A	N/A
rpm at 30min peak power (1. E-engine), 1/min	5000	N/A	N/A
maximum engine speed at Peak torque (1.E-Motor), 1/min	2500	N/A	N/A
rpm at 60min peak power (1.E-engine), 1/min	5000	N/A	N/A
range at Peak torque (1.E-engine), 1/min	100-2500	N/A	N/A
engine power bHP (1. E-engine), bHP	74	N/A	N/A

peak power bHP (1. E-engine), bHP	107	N/A	11
Peak power (1. E-engine), kW	80	N/A	8
maximum hourly output (1. E-engine), kW	55	N/A	N/A
highest output 30 min (1. E-engine), kW	55	N/A	N/A
Max. torque (1.E-engine), Nm	265	N/A	N/A
30min-torque (1.E-engine), Nm	105	N/A	N/A
torque (1. E-engine), Nm	105	N/A	N/A
Peak power (1. E-engine) (PS), PS	109	N/A	11
Communication			
Engine power (cumul.) (bHP), bHP	288	N/A	N/A
Engine torque (cumul.), ftlbs	310	N/A	N/A
Power to weight ratio, kg/kW	15.5	10.2	7
Engine power (cumul.) (kW), kW	215	N/A	285
Output per litre, kW/dm ³	67.6	92.6	95.1
Output of system per litre, kW/dm ³	107.6	N/A	N/A
Engine torque (cumul.), Nm	420	N/A	N/A
Engine power (cumul.) (HP), PS	292	N/A	387
US Motor conversion			
Engineoil	6.1	6.1	7.6
Engine torque, ftlbs	221	258	369
Bore (inch), inch	3.23	3.23	3.23
Lifting (inch), inch	3.72	3.72	3.72
Capacity (inch ³), inch	121.95	121.95	182.92
Aerodynamics			
Cx			
Cx Max	0.34	0.35	0.35
Cx Min	0.3	0.32	0.35
Cx Range, m ²	0.3-0.34	0.32-0.35	0.35-0.35
Cx x A			
Cx x A Min, m ²	0.8	0.85	0.93
Cx x A Max, m ²	0.9	0.93	0.93
Dimensions			
Interior			
Seats overall (N-ges)	5	5	5
Seats 2.SR (N-2)	3	3	3
Head room 1.SR(H62-1), mm	1045	1045	1045
Head room 2.SR with sunroof(H61-2 SR), mm	978	978	978
Shoulder room 2.SR(W3-2), mm	1423	1423	1423
Elbow width 2.SR (W3-2), mm	1477	1477	1477
Leg room 1.SR(L34), mm	1024	1024	1024
Knee clearance 2.SR (L48-2 Prak), mm	58	58	58
Elbow width 1.SR (W3-1), mm	1522	1522	1522
Shoulder room 1.SR(W3-1), mm	1462	1462	1462
Leg room 2.SR(L51-2), mm	925	925	925
Head room 2.SR(H61-2), mm	994	994	994
Head room1.SR with sunroof (H62-1 SR), mm	1033	1033	1033
Offroad data			
Departure angle; curb weight (A106-2 OTD), °	21.2	21.2	21.2
Approach angle; curb weight (A106-1 OTD), °	22.7	22.7	22.6
Ramp angle angle; curb weight (A147 OTD), °	17.4	17.4	17.4
Ground clearance; curb weight (H156 OTD), mm	204	204	204
Ground clear. front axle; curb weight (H148-1 OTD), mm	182	182	182
Ground clear. rear axle; curb weight (H148-2 OTD), mm	185	185	185
Exterior			
Minimum turning circle (D102), m	12	12	12
Facing surface (ASTirn), m ²	2.65	2.65	2.65
Vehicle height, mm	1676	1676	1676
Vehicle width (W103 OTD), mm	1891	1891	1897
Vehicle width at side mirrors (W144), mm	2138	2138	2138
Wheelbase (L101), mm	2864	2864	2864
Vehicle length, mm	4721	4721	4723

Width at driver's mirror (W114-D) , mm	1080	1080	1080
Width at passenger's mirror (W114-P), mm	1058	1058	1058
Overhang rear (L105OTD), mm	987	987	992
Overhang front (L104 OTD), mm	870	870	867
Luggage volumes			
EPA luggage volume (SAE), ft³	27.2	28.7	28.7
Press luggage volume US (V US Kom), ft³	27,2-59,4	28,7-62,7	28,7-62,7
Largest luggage volume behind 1.SR (V214-1 Kom), l	1500	1600	1600
Luggage volume behind 2.SR (V211-2 Kom), l	450	550	550
Performance /fuel eco.			
Performance			
Final drive ratio	3.385	3.385	3.385
Top speed, km/h	210	210	210/250
Top speed (electrical), km/h	135	N/A	N/A
US Top speed, mph	130	130	130/155
0-100Km/h, s	6.1	6.3	4.5
0-60 mph, s	5.9	6	4.4
chassis			
Wheel/Tyres			
Rear tyres	225/60 R18 104 H XL AS	225/60 R18 104 H XL AS	245/50 R19 105 W XL, 245/50 R19 105 H XL AS
Front tyres var.4	245/40 R21 100 Y XL	245/40 R21 100 Y XL	245/40 R21 100 Y XL
Front rims var.1	7,5Jx19 LM	7,5Jx19 LM	7,5Jx19 LM, 8Jx20 LM
Front rims var.3	8Jx20 LM	8Jx20 LM	8Jx20 LM, 8,5Jx21 LM
Rear rims var.3	9,5Jx20 LM	9,5Jx20 LM	9,5Jx20 LM, 9,5Jx21 LM
Front tyres var.1	245/50 R19 105 H XL AS	245/50 R19 105 H XL AS	245/50 R19 105 W XL, 245/45 R20 103 W XL
Front rims	7,Jx18 LM	7,Jx18 LM	7,5Jx19 LM
Rear rims	7,Jx18 LM	7,Jx18 LM	7,5Jx19 LM
Rear rims var.4	9,5Jx21 LM	9,5Jx21 LM	9,5Jx21 LM
Front tyres	225/60 R18 104 H XL AS	225/60 R18 104 H XL AS	245/50 R19 105 W XL, 245/50 R19 105 H XL AS
Rear tyres var.4	275/35 R21 103 Y XL	275/35 R21 103 Y XL	275/35 R21 103 Y XL
Rear tyres var.1	245/50 R19 105 H XL AS	245/50 R19 105 H XL AS	245/50 R19 105 W XL, 275/40 R20 106 W XL
Rear rims var.1	7,5Jx19 LM	7,5Jx19 LM	7,5Jx19 LM, 9,5Jx20 LM
Front tyres var.2	245/50 R19 105 H XL AS	245/50 R19 105 H XL AS	245/45 R20 103 W XL
Rear tyres var.3	275/40 R20 106 W XL	275/40 R20 106 W XL	275/40 R20 106 W XL, 275/35 R21 103 Y XL
Front rims var.4	8,5Jx21 LM	8,5Jx21 LM	8,5Jx21 LM
Front tyres var.3	245/45 R20 103 W XL	245/45 R20 103 W XL	245/45 R20 103 W XL, 245/40 R21 100 Y XL
Front rims var.2	7,5Jx19 LM	7,5Jx19 LM	8Jx20 LM
Rear rims var.2	7,5Jx19 LM	7,5Jx19 LM	9,5Jx20 LM
Rear tyres var.2	245/50 R19 105 H XL AS	245/50 R19 105 H XL AS	275/40 R20 106 W XL
Battery type high voltage	Li-Ion	N/A	N/A
SCR (Yes/No)	no	no	no
Run flat tyres var.1	no	no	yes
Run flat tyres	yes	yes	yes
Battery Position high voltage	underfloor Vechicle rear part	N/A	N/A
Run flat tyres var.3	yes	no	no, yes
Run flat tyres var.2	yes	yes	no, yes
Wheel offset rear, mm	22	22	32
Track front var.1, mm	1600	1600	1605/1615
Wheel offset front var.2, mm	32	32	27
Width of the rear track, mm	1636	1636	1616
Wheel offset front, mm	22	22	32
Wheel offset rear var.2, mm	32	32	43
Track front var.4, mm	1604	1604	1609
Track rear var.2, mm	1616	1616	1594
Track rear var.3, mm	1594	1594	1594
Wheel offset rear var.3, mm	43	43	43
Track front, mm	1620	1620	1605
Track front var.2, mm	1600	1600	1615
Wheel offset front var.3, mm	27	27	27/30
Wheel offset rear var.4, mm	43	43	43
Wheel offset front var.1, mm	32	32	27/32

Wheel offset rear var.1, mm	32	32	32/43
Wheel offset front var.4, mm	30	30	30
Track rear var.1, mm	1616	1616	1594/1616
Track front var.3, mm	1610	1610	1609/1615
Track rear var.4, mm	1594	1594	1594
Run flat tyres var.4, -	yes	yes	yes
Steering			
Power-steering	EPS	EPS	EPS
Steering transmission, overall, :1	16.8	16.8	16.8
high-voltage battery			
charging variation 1	3,7 kW, Mode 3 Wallbox, AC Typ 1	N/A	N/A
charging variation 2	AC Typ 1; 1,1 kW Mode2 Ladekabel	N/A	N/A
Battery Capacity (high voltage), Ah	34	N/A	N/A
charging time 2 (0-100% SoC), h	10.9	N/A	N/A
charging time 1 (0-100% SoC), h	3	N/A	N/A
charging time 1 (0-80% SoC), h	2.1	N/A	N/A
charging time 2 (0-80% SoC), h	7.8	N/A	N/A
Net battery content high voltage, kWh	9.09	N/A	N/A
Gross battery content high voltage, kWh	12	N/A	N/A
System voltage (high voltage), V	354.2	N/A	N/A
Weight			
Vehicle weights			
rear Weight distribution (empty car), %	52.9	51	48.4
Curb weight (without driver), kg	2086	1882	1992
Axle load limit front, kg	1200	1200	1210
rear axle load limit, kg	1530	1410	1410
Gross veh. weight, kg	2620	2430	2520
Payload, kg	420	427	409
vehicle curb weight without driver (rear axle), kg	1103	960	965
vehicle curb weight without driver (front axle), kg	983	922	1027
Trailer operation			
Trailer nose weight, kg	200	200	200
Trailer load braked 12%, kg	2000	2000	2000
gross vehicle wieght with trailer 12% Kat1, kg	4620	4430	4520
US weights			
vehicle curb weight inkl. 100% SAa und 33% SAs, lbs	4599	4149	4392
Axle load limit rear, lbs	3373	3109	3109
gross vehicle weight, lbs	5776	5357	5556
Front axle load lbs, lbs	2646	2646	2668
Payload lbs, lbs	926	941	902
vehicle weight without driver empty fuel tank, lbs	4491	4041	4284
vehicle weight without driver empty fuel tank -FA, lbs	2145	2011	2243
vehicle weight without driver empty fuel tank -RA, lbs	2346	2030	2041
Offroad data FI			
climbing ability starting, %	32	32	32
fording depth (without auxiliary heating), mm	500	500	500
Battery			
2nd battery Capacity (low voltage) , Ah	60	N/A	N/A
Battery Capacity (low voltage), Ah	70	80	90
System voltage (low voltage), V	12	12	12
Dimensions conversion			
Minimum turning clearance circle (D 102), ft	39.4	39.4	39.4
Facing surface (A Stirn), ft	28.52	28.52	28.52
EPA passenger volume index front (SAE), ft³	55.2	55.2	55.2
EPA passenger volume index second (SAE), ft³	46.2	46.2	46.2
Vehicle height (inch), inch	66	66	66
Wheelbase(L101), inch	112.8	112.8	112.8

Head room with sunroof 2.SR (H61-2 SR), inch	38.5	38.5	38.5
Leg room 1.SR (L34), inch	40.3	40.3	40.3
Vehicle width at side mirrors (W144) , inch	84.2	84.2	84.2
Ground clearance; curb weight (H156 OTD), inch	8	8	8
Head room 2.SR (H61-2), inch	39.1	39.1	39.1
Vehicle length (L103 OTD), inch	185.9	185.9	185.9
Shoulder room 2.SR (W3-2), inch	56	56	56
Overhang rear (L105 OTD), inch	38.9	38.9	39.1
Leg room 2.SR (L51-2), inch	36.4	36.4	36.4
Vehicle width (W103 OTD), inch	74.4	74.4	74.7
Head room with sunroof 1.SR (H62-1 SR), inch	40.7	40.7	40.7
Overhang front (L104 OTD), inch	34.3	34.3	34.1
Shoulder room 1.SR (W3-1), inch	57.6	57.6	57.6
Head room 1.SR (H62-1), inch	41.1	41.1	41.1
Aerodynamics conversion			
CXA min (ft²), ft	8.56	9.13	9.98
CXA max (ft²), ft	9.7	9.98	9.98
Tank			
Fuel tank capacity (approx.) , l	50	65	65
US driving dynamic conversion			
Track front var.3 (inch), inch	63.4	63.4	63.3/63.6
Rear track (inch), inch	64.4	64.4	63.6
Rear track var.1 (inch), inch	63.6	63.6	62.8/63.6
Rear track var.2 (inch), inch	63.6	63.6	62.8
Rear track var.3 (inch), inch	62.8	62.8	62.8
Track front var.2 (inch), inch	63	63	63.6
Track front var.4 (inch), inch	63.1	63.1	63.3
Rear track var.4 (inch), inch	62.8	62.8	62.8
Track front (inch), inch	63.8	63.8	63.2
Track front var.1 (inch), inch	63	63	63.2/63.6

Wheel Overview

Model Year 2022

X3



Code: 1VN
Style: 718M

21" M Lt/Aly Wheels,
Double-Spoke
718M, Bicolour, Perf RFT

Front:
21x8.5, 245/40 R21
Rear:
21x9.5, 275/35 R21



Code: 1X7
Style: 693

19" Lt/Aly Wheels, Y-
Spoke 693, A/S Non-RFT

Front / Rear:
19x7.5, 245/50 R19



Code: 1X8
Style: 693

19" Lt/Aly Wheels, Y-
Spoke 693, A/S RFT

Front / Rear:
19x7.5, 245/50 R19



Code: 1XX
Style: 842

19" Aero Wheels, 842,
Bicolour, A/S RFT

Front / Rear:
19x7.5, 245/50 R19



Code: 1YX
Style: 699M

20" M Lt/Aly Wheels,
Double-Spoke 699M, Jet
Black, Perf RFT

Front:
20x8.0, 245/45 R20
Rear:
20x9.5, 275/40 R20



Code: 22W
Style: 699M

20" M Lt/Aly Wheels,
Double-Spoke 699M, Perf.
RFT

Front:
20x8.0, 245/45 R20
Rear:
20x9.5, 275/40 R20



Code: 25U
Style: 618

18" Lt/Aly Wheels, V-
Spoke 618, A/S RFT

Front / Rear:
18x7.0, 225/60 R18



Code: 28L
Style: 695

20" Lt/Aly Wheels, Y-
Spoke 695, Perf. RFT

Front:
20x8.0, 245/45 R20
Rear:
20x9.5, 275/40 R20



Code: 2NQ
Style: 726i

21" BMW Individual Lt/Aly
Wheels, V-Spoke 726i,
Perf. RFT

Front:
21x8.5, 245/40 R21
Rear:
21x9.5, 275/35 R21



Code: ZSO
Style: 887M

19" M Lt/Aly Wheels, Y-
Spoke 887M, Bicolour,
A/S RFT

Front / Rear:
19x7.5, 245/50 R19

X3 xDrive30i

X3 xDrive30e

X3 M40i
Optional

Optional
(Requires
2VC on
indicated
models)

Optional
(Requires
2VC on
indicated
models)

Standard

Optional

Optional

Optional

ZK5
ZK5
(upgrade)

ZK5
ZK5
(upgrade)

Optional

ZK5

ZK5

Standard

Standard

Optional

Optional
ZK5
ZK5
(upgrade)

Optional
ZK5
ZK5
(upgrade)

Optional

Optional
(Standard
equipment
840 will be
deleted)
(Not in
combination
with 2T4)
(Requires
1VU on
indicated
models)



Code: ZVA
Style: 887M

19" M Lt/Aly Wheels, Y-
Spoke 887M, Bicolour,
A/S FT

Front / Rear:
19x7.5, 245/50 R19

ZK5
ZK5
(upgrade)
(Requires
1VU on
indicated
models)

ZK5
ZK5
(upgrade)
(Requires
1VU on
indicated
models)

