

Technical Data - with option code 823.

BMW X3 SAV (E83).

	X3 2.5i SAV	X3 2.5i SAV	X3 3.0i SAV	X3 3.0i SAV	X3 2.0d SAV
Engine platform	M54B25	M54B25	M54B30	M54B30	M57D20 TÜ OL
Transmission	M6	A5	M6	A5	M6
No of doors / seats	- / 5	- / 5	- / 5	- / 5	- / 5
Vehicle length / width / height -unloaded-	mm 4565 / 1853 / 1674	mm 4565 / 1853 / 1674	mm 4565 / 1853 / 1674	mm 4565 / 1853 / 1674	mm 4565 / 1853 / 1674
Weelbase / Turning circle	mm / m 2795 / 11,7	mm / m 2795 / 11,7	mm / m 2795 / 11,7	mm / m 2795 / 11,7	mm / m 2795 / 11,7
Track front / rear	mm 1538 / 1556	mm 1538 / 1556	mm 1524 / 1542	mm 1524 / 1542	mm 1538 / 1556
Overhang rear	mm 954	mm 954	mm 954	mm 954	mm 954
Ground clearance -empty-	mm 201	mm 201	mm 201	mm 201	mm 201
Shoulder width front / rear	mm 1417 / 1406	mm 1417 / 1406	mm 1417 / 1406	mm 1417 / 1406	mm 1417 / 1406
Elbow width front / rear	mm 1441 / 1457	mm 1441 / 1457	mm 1441 / 1457	mm 1441 / 1457	mm 1441 / 1457
Eff. head room front / rear	mm 997 / 1002	mm 997 / 1002	mm 997 / 1002	mm 997 / 1002	mm 997 / 1002
Luggage capacity	m³ 0,480-1,560	m³ 0,480-1,560	m³ 0,480-1,560	m³ 0,480-1,560	m³ 0,480-1,560
Fuel tank capacity	ltr 67	ltr 67	ltr 67	ltr 67	ltr 67
Curb weight	kg 1740	kg 1765	kg 1760	kg 1765	kg 1745
Axle load ratio -unloaded DIN-	% 48,7	% 48,6	% 49,3	% 48,9	% 48,6
Gross vehicle weight / Payload	kg 2240 / 500	kg 2270 / 500	kg 2260 / 500	kg 2280 / 500	kg 2265 / 500
Axle load limit front / rear	kg 1100 / 1250	kg 1100 / 1250	kg 1100 / 1260	kg 1100 / 1260	kg 1080 / 1260
Trailer load braked -12% / 8%/-	kg 1700 / 1700	kg 1700 / 1700	kg 1800 / 1800	kg 1800 / 1800	kg 1700 / 1700
Trailer load unbraked / roof load	kg 720 / 75	kg 720 / 75	kg 720 / 75	kg 720 / 75	kg 720 / 75
Engine type / cylinder / valves p cyl	- In line / 6 / 4	- In line / 6 / 4	- In line / 6 / 4	- In line / 6 / 4	- In line / 4 / 4
Fuel management	- Siemens MS45	- Siemens MS45	- Siemens MS45	- Siemens MS45	- DDE 5,0
Effective displacement	cm³ 2494	cm³ 2494	cm³ 2979	cm³ 2979	cm³ 1995
Stroke / Bore	mm 75 / 84	mm 75 / 84	mm 89,6 / 84	mm 89,6 / 84	mm 90 / 84
Nom power output / Engine speed	kW(hp) / 1/min 141 (192) / 6000	kW(hp) / 1/min 141 (192) / 6000	kW(hp) / 1/min 170 (231) / 5900	kW(hp) / 1/min 170 (231) / 5900	kW(hp) / 1/min 110 (150) / 4000
Max torque / Engine speed	Nm / 1/min 245 / 3500	Nm / 1/min 245 / 3500	Nm / 1/min 300 / 3500	Nm / 1/min 300 / 3500	Nm / 1/min 330 / 2000
RPM at max torque -range-	1/min see 'Tor./Engine speed'	1/min see 'Tor./Engine speed'	1/min see 'Tor./Engine speed'	1/min see 'Tor./Engine speed'	1/min see 'Tor./Engine speed'
Compression ratio / Fuel type	- 10,5 / ROZ91-98	- 10,5 / ROZ91-98	- 10,2 / ROZ91-98	- 10,2 / ROZ91-98	- 17 / Diesel
Codification of reference gearbox	- ZF H	- GM 5	- ZF H	- GM 5	- ZF H weit
Gear ratio 1st/2nd/3rd	- 4,35 / 2,5 / 1,66	- 3,42 / 2,22 / 1,6	- 4,35 / 2,5 / 1,66	- 3,42 / 2,22 / 1,6	- 5,14 / 2,83 / 1,804
Gear ratio 4th/5th/6th	- 1,23 / 1 / 0,85 / -	- 1 / 0,75 / - / -	- 1,23 / 1 / 0,85 / -	- 1 / 0,75 / - / -	- 1,257 / 1 / 0,831 / -
Reverse ratio	- 3,930	- 3,030	- 3,930	- 3,030	- 4,640
Final drive ratio	- 3,91	- 3,91	- 3,64	- 3,64	- 3,07
Steering type / ratio	- Rack-and-pinion / 18,9	- Rack-and-pinion / 18,9	- Rack-and-pinion / 18,9	- Rack-and-pinion / 18,9	- Rack-and-pinion / 18,9
Brake front / diameter	- /mm Ventilated Disc / 325	- /mm Ventilated Disc / 325	- /mm Ventilated Disc / 325	- /mm Ventilated Disc / 325	- /mm Ventilated Disc / 325
Brake rear / diameter	- /mm Ventilated Disc / 320	- /mm Ventilated Disc / 320	- /mm Ventilated Disc / 320	- /mm Ventilated Disc / 320	- /mm Ventilated Disc / 320
Drag Cd / A / Cd x A	- / m² / m² 0,35 / 2,5 / 0,88	- / m² / m² 0,35 / 2,5 / 0,88	- / m² / m² 0,35 / 2,5 / 0,88	- / m² / m² 0,35 / 2,5 / 0,88	- / m² / m² 0,35 / 2,5 / 0,88
Top speed	km/h 208	km/h 208	km/h 210	km/h 210	km/h 198
Top speed -option code 840-	km/h -	km/h -	km/h 224	km/h 221	km/h -
Acceleration 0-100 Km/h	s 8,9	s 9,8	s 7,8	s 8,1	s 10,2
Acceleration 0-1000 m	s 30,5	s 31,7	s 28,7	s 29,5	s 31,8
Accel 80-120 Km/h 4/5 Gear	s 8,6 / 11,3	s - / -	s 7,7 / 9,9	s - / -	s 8,3 / 10,3
Weight ratio	kg/kW 12,3	kg/kW 12,5	kg/kW 10,4	kg/kW 10,4	kg/kW 15,9
Output per litre	kW/ltr 56,5	kW/ltr 56,5	kW/ltr 57,1	kW/ltr 57,1	kW/ltr 55,1
Fuel consumption -EU urban-	ltr/100km 15,6	ltr/100km 17,1	ltr/100km 16,0	ltr/100km 17,4	ltr/100km 9,6
Fuel consumption -EU extra-urban-	ltr/100km 8,7	ltr/100km 9,0	ltr/100km 8,7	ltr/100km 9,1	ltr/100km 5,9
Fuel consumption KV01 / Range	ltr/100km / km 11,2 / 600	ltr/100km / km 11,9 / 565	ltr/100km / km 11,4 / 590	ltr/100km / km 12,1 / 555	ltr/100km / km 7,2 / 875
CO2-emission -EU-	g/km 272	g/km 289	g/km 276	g/km 293	g/km 191
Tyre type -front-	- 215/60 R17 96H M+S	- 215/60 R17 96H M+S	- 235/55 R17 99H M+S	- 235/55 R17 99H M+S	- 215/60 R17 96H M+S
Tyre type -rear-	- 215/60 R17 96H M+S	- 215/60 R17 96H M+S	- 235/55 R17 99H M+S	- 235/55 R17 99H M+S	- 215/60 R17 96H M+S
Front rim	- 7 J x 17 Light alloy	- 7 J x 17 Light alloy	- 8 J x 17 Light alloy	- 8 J x 17 Light alloy	- 7 J x 17 Light alloy
Rear rim	- 7 J x 17 Light alloy	- 7 J x 17 Light alloy	- 8 J x 17 Light alloy	- 8 J x 17 Light alloy	- 7 J x 17 Light alloy
Radiator incl. heater / Engine oil exchange quantity	ltr 10 / 6,2	ltr 10,5 / 6,2	ltr 10 / 6,2	ltr 10,5 / 6,2	ltr 10 / 5,3
Transmission fluid -exchange quantity-	ltr Permanent filling (1,6)	ltr Permanent filling (7,7)	ltr Permanent filling (1,6)	ltr Permanent filling (7,7)	ltr Permanent filling (1,6)
Battery capacity / installed position	Ah/- 70 / Luggage comp.	Ah/- 70 / Luggage comp.	Ah/- 70 / Luggage comp.	Ah/- 70 / Luggage comp.	Ah/- 80 / Luggage comp.
Alternator output rating	A/W 150 / 2100	A/W 150 / 2100	A/W 150 / 2100	A/W 150 / 2100	A/W 150 / 2100