

Technical Data - Europe.

BMW 3 Series Convertible (E93) - ACEA.

	320i Convertible	320i Convertible	325i Convertible	325i Convertible	330i Convertible	330i Convertible	335i Convertible	335i Convertible	330d Convertible	330d Convertible
Engine platform	N43B2000	N43B2000	N53B3000	N53B3000	N53B3000	N53B3000	N54B3000	N54B3000	M57D3002	M57D3002
Transmission	M6	A6	M6	A6	M6	A6	M6	A6	M6	A6
No of doors / seats	- / 2 / 4	- / 2 / 4	- / 2 / 4	- / 2 / 4	- / 2 / 4	- / 2 / 4	- / 2 / 4	- / 2 / 4	- / 2 / 4	- / 2 / 4
Vehicle length / width / height - unloaded	mm 4580 / 1782 / 1384	mm 4580 / 1782 / 1384	mm 4580 / 1782 / 1384	mm 4580 / 1782 / 1384	mm 4580 / 1782 / 1384	mm 4580 / 1782 / 1384	mm 4580 / 1782 / 1384	mm 4580 / 1782 / 1384	mm 4580 / 1782 / 1384	mm 4580 / 1782 / 1384
Weelbase / Turning circle	mm / m 2760 / 11	mm / m 2760 / 11	mm / m 2760 / 11	mm / m 2760 / 11	mm / m 2760 / 11	mm / m 2760 / 11	mm / m 2760 / 11	mm / m 2760 / 11	mm / m 2760 / 11	mm / m 2760 / 11
Track front / rear	mm 1500 / 1513	mm 1500 / 1513	mm 1500 / 1513	mm 1500 / 1513	mm 1404 / 1251	mm 1404 / 1251	mm 1500 / 1507	mm 1500 / 1507	mm 1500 / 1513	mm 1500 / 1513
Overhang rear	mm 1049	mm 1049	mm 1049	mm 1049	mm 1049	mm 1049	mm 1049	mm 1049	mm 1049	mm 1049
Ground clearance -empty-	mm 138	mm 138	mm 138	mm 138	mm 138	mm 138	mm 138	mm 138	mm 138	mm 138
Shoulder width front / rear	mm 1404 / 1251	mm 1404 / 1251	mm 1404 / 1251	mm 1404 / 1251	mm 1404 / 1251	mm 1404 / 1251	mm 1404 / 1251	mm 1404 / 1251	mm 1404 / 1251	mm 1404 / 1251
Elbow width front / rear	mm 1460 / 1320	mm 1460 / 1320	mm 1460 / 1320	mm 1460 / 1320	mm 1460 / 1320	mm 1460 / 1320	mm 1460 / 1320	mm 1460 / 1320	mm 1460 / 1320	mm 1460 / 1320
Eff. head room front / rear	mm 965 / 927	mm 965 / 927	mm 965 / 927	mm 965 / 927	mm 965 / 927	mm 965 / 927	mm 965 / 927	mm 965 / 927	mm 965 / 927	mm 965 / 927
Luggage capacity	m³ 0,210-0,350	m³ 0,210-0,350	m³ 0,210-0,350	m³ 0,210-0,350	m³ 0,210-0,350	m³ 0,210-0,350	m³ 0,210-0,350	m³ 0,210-0,350	m³ 0,210-0,350	m³ 0,210-0,350
Fuel tank capacity	ltr 63	ltr 63	ltr 63	ltr 63	ltr 63	ltr 63	ltr 63	ltr 63	ltr 61	ltr 61
Curb weight -acc DIN-	kg 1595 / 1670	kg 1625 / 1700	kg 1655 / 1730	kg 1685 / 1760	kg 1705 / 1780	kg 1720 / 1795	kg 1735 / 1810	kg 1750 / 1825	kg 1750 / 1825	kg 1765 / 1840
Axle load ratio -unloaded DIN-	% 52,8	% 52,4	% 52,4	% 51,8	% 52,3	% 51,9	% 51,7	% 51,3	% 51,3	% 51,1
Gross vehicle weight / Payload	kg 2025 / 430	kg 2055 / 430	kg 2085 / 430	kg 2115 / 430	kg 2135 / 430	kg 2150 / 430	kg 2165 / 430	kg 2180 / 430	kg 2180 / 430	kg 2195 / 430
Axle load limit front / rear	kg 915 / 1150	kg 915 / 1150	kg 945 / 1180	kg 945 / 1180	kg 960 / 1200	kg 960 / 1200	kg 990 / 1200	kg 1005 / 1200	kg 1005 / 1200	kg 1005 / 1200
Trailer load braked -12% / 8%-	kg 1400 / 1600	kg 1500 / 1600	kg 1600 / 1700	kg 1600 / 1700	kg 1700 / 1800	kg 1700 / 1800	kg 1700 / 1800	kg 1700 / 1800	kg 1800 / 1800	kg 1800 / 1800
Trailer load unbraked / roof load	kg 720 / -	kg 720 / -	kg 750 / -	kg 750 / -	kg 750 / -	kg 750 / -	kg 750 / -	kg 750 / -	kg 750 / -	kg 750 / -
Engine type / cylinder / valves p cyl	- In line / 4 / 4	- In line / 4 / 4	- In line / 6 / 4	- In line / 6 / 4	- In line / 6 / 4	- In line / 6 / 4	- In line / 6 / 4	- In line / 6 / 4	- In line / 6 / 4	- In line / 6 / 4
Fuel management	- MSD80	- MSD80	- MSD80	- MSD80	- MSD80	- MSD80	- MSD80	- MSD80	- DDE6,2,6	- DDE6,2,6
Effective displacement	cm³ 1995	cm³ 1995	cm³ 2996	cm³ 2996	cm³ 2996	cm³ 2996	cm³ 2996	cm³ 2979	cm³ 2993	cm³ 2993
Stroke / Bore	mm 90 / 84	mm 90 / 84	mm 88 / 85	mm 88 / 85	mm 88 / 85	mm 88 / 85	mm 88 / 85	mm 89,6 / 84	mm 90 / 84	mm 90 / 84
Nom power output / Engine speed	kW(hp) / 1/min 125 (170) / 6700	kW(hp) / 1/min 125 (170) / 6700	kW(hp) / 1/min 160 (218) / 6100	kW(hp) / 1/min 160 (218) / 6100	kW(hp) / 1/min 200 (272) / 6700	kW(hp) / 1/min 200 (272) / 6700	kW(hp) / 1/min 225 (306) / 5800	kW(hp) / 1/min 225 (306) / 5800	kW(hp) / 1/min 170 (231) / 4000	kW(hp) / 1/min 170 (231) / 4000
Max torque / Engine speed	Nm / 1/min 210 / 4250	Nm / 1/min 210 / 4250	Nm / 1/min 270 / 2400	Nm / 1/min 270 / 2400	Nm / 1/min 320 / 2750	Nm / 1/min 320 / 2750	Nm / 1/min 400 / 1300	Nm / 1/min 400 / 1300	Nm / 1/min 500 / 1750	Nm / 1/min 500 / 1750
RPM at max torque -range-	1/min see 'Tor./Engine speed'	1/min see 'Tor./Engine speed'	1/min 2400-4200	1/min 2400-4200	1/min 2750-3000	1/min 2750-3000	1/min 1300-5000	1/min 1300-5000	1/min 1750-3000	1/min 1750-3000
Compression ratio / Fuel type	- 12 / ROZ91-98	- 12 / ROZ91-98	- 12 / ROZ91-98	- 12 / ROZ91-98	- 12 / ROZ91-98	- 12 / ROZ91-98	- 10,2 / ROZ95-98	- 10,2 / ROZ95-98	- 17 / Diesel	- 17 / Diesel
Exhaust emissions classification	- EU4	- EU4	- EU4	- EU4	- EU4	- EU4	- EU4	- EU4	- EU4	- EU4
Codification of reference gearbox	- GETRAG I	- ZF 6HP19 TÜ	- GETRAG I	- ZF 6HP19 TÜ	- ZF H	- ZF 6HP19 TÜ	- ZF G	- ZF 6HP19 TÜ	- ZF Gweit	- ZF 6HP26 TÜ
Gear ratio 1st/2nd/3rd	- 4,323 / 2,456 / 1,659	- 4,171 / 2,34 / 1,521	- 4,323 / 2,456 / 1,659	- 4,171 / 2,34 / 1,521	- 4,35 / 2,496 / 1,665	- 4,171 / 2,34 / 1,521	- 4,055 / 2,396 / 1,582	- 4,171 / 2,34 / 1,521	- 5,08 / 2,804 / 1,783	- 4,171 / 2,34 / 1,521
Gear ratio 4th/5th/6th/7th	- 1,23 / 1 / 0,848 / -	- 1,143 / 0,867 / 0,691 / -	- 1,23 / 1 / 0,848 / -	- 1,143 / 0,867 / 0,691 / -	- 1,23 / 1 / 0,851 / -	- 1,143 / 0,867 / 0,691 / -	- 1,192 / 1 / 0,872 / -	- 1,143 / 0,867 / 0,691 / -	- 1,26 / 1 / 0,835 / -	- 1,143 / 0,867 / 0,691 / -
Reverse ratio	- 3,938	- 3,403	- 3,938	- 3,403	- 3,926	- 3,403	- 3,677	- 3,403	- 4,607	- 3,403
Final drive ratio	- 3,64	- 4,10	- 3,15	- 3,64	- 3,15	- 3,73	- 3,08	- 3,46	- 2,47	- 2,93
Steering type / ratio	- Rack-and-pinion / 16	- Rack-and-pinion / 16	- Rack-and-pinion / 16	- Rack-and-pinion / 16	- Rack-and-pinion / 16	- Rack-and-pinion / 16	- Rack-and-pinion / 16	- Rack-and-pinion / 16	- Rack-and-pinion / 16	- Rack-and-pinion / 16
Brake front / diameter	- /mm Ventilated Disc / 312	- /mm Ventilated Disc / 312	- /mm Ventilated Disc / 330	- /mm Ventilated Disc / 330	- /mm Ventilated Disc / 348	- /mm Ventilated Disc / 348	- /mm Ventilated Disc / 348	- /mm Ventilated Disc / 348	- /mm Ventilated Disc / 348	- /mm Ventilated Disc / 348
Brake rear / diameter	- /mm Ventilated Disc / 300	- /mm Ventilated Disc / 300	- /mm Ventilated Disc / 300	- /mm Ventilated Disc / 300	- /mm Ventilated Disc / 336	- /mm Ventilated Disc / 336	- /mm Ventilated Disc / 336	- /mm Ventilated Disc / 336	- /mm Ventilated Disc / 336	- /mm Ventilated Disc / 336
Drag Cd / A / Cd x A	- / m² / m² 0,27 / 2,08 / 0,56	- / m² / m² 0,27 / 2,08 / 0,56	- / m² / m² 0,29 / 2,08 / 0,6	- / m² / m² 0,29 / 2,08 / 0,6	- / m² / m² 0,29 / 2,08 / 0,6	- / m² / m² 0,29 / 2,08 / 0,6	- / m² / m² 0,31 / 2,08 / 0,64	- / m² / m² 0,31 / 2,08 / 0,64	- / m² / m² 0,29 / 2,08 / 0,6	- / m² / m² 0,29 / 2,08 / 0,6
Top speed	km/h 228	km/h 226	km/h 245	km/h 243	km/h 250	km/h 250	km/h 250	km/h 250	km/h 245	km/h 243
Acceleration 0-100 Km/h	s 9,1	s 9,8	s 7,6	s 8,1	s 6,5	s 6,7	s 5,8	s 6,0	s 7,0	s 7,1
Acceleration 0-1000 m	s 30,0	s 30,5	s 28,1	s 28,5	s 26,4	s 26,4	s 25,2	s 25,3	s 27,3	s 27,4
Accel 80-120 Km/h 4/5 Gear	s 9,3 / 12 / -	s - / - / -	s 8,3 / 10,5 / -	s - / - / -	s 7,1 / 9 / -	s - / - / -	s 5,9 / 7,1 / -	s - / - / -	s 5,5 / 6,9 / -	s - / - / -
Weight ratio	kg/kW 12,8	kg/kW 13,0	kg/kW 10,3	kg/kW 10,5	kg/kW 8,5	kg/kW 8,6	kg/kW 7,7	kg/kW 7,8	kg/kW 10,3	kg/kW 10,4
Output per litre	kW/ltr 62,7	kW/ltr 62,7	kW/ltr 53,4	kW/ltr 53,4	kW/ltr 66,8	kW/ltr 66,8	kW/ltr 75,5	kW/ltr 75,5	kW/ltr 56,8	kW/ltr 56,8
Fuel consumption -EU urban-	ltr/100km 9,0	ltr/100km 9,1	ltr/100km 11,0	ltr/100km 11,4	ltr/100km 11,1	ltr/100km 11,0	ltr/100km 14,9	ltr/100km 14,4	ltr/100km 9,3	ltr/100km 10,0
Fuel consumption -EU extra-urban-	ltr/100km 5,2	ltr/100km 5,3	ltr/100km 6,1	ltr/100km 6,2	ltr/100km 6,3	ltr/100km 6,7	ltr/100km 7,0	ltr/100km 7,3	ltr/100km 5,3	ltr/100km 5,9
Fuel consumption KV01 / Range	ltr/100km / km 6,6 / 950	ltr/100km / km 6,7 / 940	ltr/100km / km 7,9 / 800	ltr/100km / km 8,1 / 780	ltr/100km / km 8,1 / 775	ltr/100km / km 8,3 / 755	ltr/100km / km 9,9 / 635	ltr/100km / km 9,9 / 635	ltr/100km / km 6,8 / 895	ltr/100km / km 7,4 / 820
CO2-emission -EU-	g/km 157	g/km 161	g/km 190	g/km 195	g/km 194	g/km 198	g/km 238	g/km 238	g/km 181	g/km 197
Tyre type -front-	- 225/45 R17 91V RSC	- 225/45 R17 91V RSC	- 225/45 R17 91W RSC	- 225/45 R17 91W RSC	- 225/45 R17 91Y RSC	- 225/45 R17 91Y RSC	- 225/45 R17 91W RSC	- 225/45 R17 91W RSC	- 225/45 R17 91Y RSC	- 225/45 R17 91Y RSC
Tyre type -rear-	- 225/45 R17 91V RSC	- 225/45 R17 91V RSC	- 225/45 R17 91W RSC	- 225/45 R17 91W RSC	- 225/45 R17 91Y RSC	- 225/45 R17 91Y RSC	- 225/45 R17 91W RSC	- 225/45 R17 91W RSC	- 225/45 R17 91Y RSC	- 225/45 R17 91Y RSC
Front rim	- 8J x 17 Light alloy	- 8J x 17 Light alloy	- 8J x 17 Light alloy	- 8J x 17 Light alloy	- 8J x 17 Light alloy	- 8J x 17 Light alloy	- 8J x 17 Light alloy	- 8J x 17 Light alloy	- 8J x 17 Light alloy	- 8J x 17 Light alloy
Rear rim	- 8J x 17 Light alloy	- 8J x 17 Light alloy	- 8J x 17 Light alloy	- 8J x 17 Light alloy	- 8J x 17 Light alloy	- 8J x 17 Light alloy	- 8,5J x 17 Light alloy	- 8,5J x 17 Light alloy	- 8J x 17 Light alloy	- 8J x 17 Light alloy
Wheel offset -front/rear-	mm 34 / 34	mm 34 / 34	mm 34 / 34	mm 34 / 34	mm 34 / 34	mm 34 / 34	mm 34 / 37	mm 34 / 37	mm 34 / 34	mm 34 / 34
Radiator incl. heater / Engine oil exchange quantity	ltr 8,4 / 4,25	ltr 9,1 / 4,25	ltr 8,2 / 6,5	ltr 8,5 / 6,5	ltr 8,2 / 6,5	ltr 8,5 / 6,5	ltr 8,2 / 6,5	ltr 8,5 / 6,5	ltr 7,9 / 7,5	ltr 8,2 / 7,5
Transmission fluid -exchange quantity-	ltr Permanent filling	ltr Permanent filling	ltr Permanent filling	ltr Permanent filling	ltr Permanent filling	ltr Permanent filling	ltr Permanent filling	ltr Permanent filling	ltr Permanent filling	ltr Permanent filling
Battery capacity / installed position	Ah/- 90 / Luggage comp.	Ah/- 90 / Luggage comp.	Ah/- 90 / Luggage comp.	Ah/- 90 / Luggage comp.	Ah/- 90 / Luggage comp.	Ah/- 90 / Luggage comp.	Ah/- 90 / Luggage comp.	Ah/- 90 / Luggage comp.	Ah/- 90 / Luggage comp.	Ah/- 90 / Luggage comp.
Alternator output rating	A/W 180 / 2520	A/W 180 / 2520	A/W 180 / 2520	A/W 180 / 2520	A/W 180 / 2520	A/W 180 / 2520	A/W 180 / 2520	A/W 180 / 2520	A/W 150 / 2100	A/W 150 / 2100