

BMW

U.S. Press Information

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Technical Data.

2009 BMW 3 Series Convertible.

		328i	328i	335i	335i
		Convertible	Convertible	Convertible	Convertible
		Manual 6 Speed	Auto 6 Speed	Manual 6 Speed	Auto 6 Speed
Body					
No. of Doors / Seating Capacity	-	2 / 4	2 / 4	2 / 4	2 / 4
Vehicle Length	mm / inch	4588 / 180.6	4588 / 180.6	4588 / 180.6	4588 / 180.6
Vehicle Width	mm / inch	1782 / 70.2	1782 / 70.2	1782 / 70.2	1782 / 70.2
Vehicle Height, Unloaded	mm / inch	1384 / 54.5	1384 / 54.5	1384 / 54.5	1384 / 54.5
Wheelbase	mm / inch	2760 / 108.7	2760 / 108.7	2760 / 108.7	2760 / 108.7
Turning Circle	m / ft	11 / 36.1	11 / 36.1	11 / 36.1	11 / 36.1
Track, Front	mm / inch	1500 / 59.1	1500 / 59.1	1500 / 59.1	1500 / 59.1
Track, Rear	mm / inch	1513 / 59.6	1513 / 59.6	1513 / 59.6	1513 / 59.6
Width at Shoulderheight, Front	mm / inch	1404 / 55.3	1404 / 55.3	1404 / 55.3	1404 / 55.3
Width at Shoulderheight, Rear	mm / inch	1251 / 49.3	1251 / 49.3	1251 / 49.3	1251 / 49.3
Effective Leg Room, Front	mm / inch	1061 / 41.8	1061 / 41.8	1061 / 41.8	1061 / 41.8
Effective Leg Room, Rear	mm / inch	811 / 31.9	811 / 31.9	811 / 31.9	811 / 31.9
Effective Head Room, Front	mm / inch	965 / 38	965 / 38	965 / 38	965 / 38
Effective Head Room, Rear	mm / inch	927 / 36.5	927 / 36.5	927 / 36.5	927 / 36.5
Trunk Volume acc DIN	m³ / ft³	0.210-0.350 / 7.4-12.4	0.210-0.350 / 7.4-12.4	0.210-0.350 / 7.4-12.4	0.210-0.350 / 7.4-12.4
Trunk Volume acc SAE1100	ft³	9	9	9	9
Fuel Capacity	L / gal	61 / 16.1	61 / 16.1	61 / 16.1	61 / 16.1
Curb Weight	kg / lbs	1720 / 3792	1750 / 3858	1815 / 4001	1825 / 4023
Weight Distribution, Front / Rear	%	46.8 / 53.2	47.1 / 52.9	47.7 / 52.3	47.9 / 52.1
Gross Vehicle Weight Rating (GVWR)	kg / lbs	2120 / 4674	2150 / 4740	2195 / 4839	2205 / 4861
Payload	kg / lbs				
Axle Load Limit, front	kg / lbs	955 / 2105	955 / 2105	1010 / 2227	1010 / 2227
Axle Load Limit, rear	kg / lbs	1200 / 2646	1200 / 2646	1200 / 2646	1200 / 2646
Roof Load Limit	kg / lbs	- / -	- / -	- / -	- / -
Drag Coefficient	Cd	0.3	0.3	0.31	0.31
Drag Cd x A	m² / ft²	0.62 / 6.72	0.62 / 6.72	0.64 / 6.94	0.64 / 6.94
Engine					
Engine Type / Cylinder / Valves per Cylinder	-	In line / 6 / 4	In line / 6 / 4	In line / 6 / 4	In line / 6 / 4
Engine Management System	-	MSV80	MSV80	MSD80	MSD80
Displacement	cm³ / inch³	2996 / 182.8	2996 / 182.8	2979 / 181.8	2979 / 181.8
Stroke	mm / inch	88 / 3.46	88 / 3.46	89.6 / 3.53	89.6 / 3.53
Bore	mm / inch	85 / 3.35	85 / 3.35	84 / 3.31	84 / 3.31
Power	SAE hp / rpm	230 / 6500	230 / 6500	300 / 5800	300 / 5800
Torque	ft lbs / rpm	200 (270) / 2750	200 (270) / 2750	300 (407) / 1400	300 (407) / 1400
Compression Ratio / Fuel type	-	10.7 / Premium	10.7 / Premium	10.2 / Premium	10.2 / Premium
Chassis and Suspension					
Codification of Reference Gearbox	-	I	GM6	G	6HP19 TU
Gear Ratios	I	4.323	4.065	4.055	4.171
	II	2.456	2.371	2.396	2.34
	III	1.659	1.551	1.582	1.521
	IV	1.23	1.2	1.192	1.143
	V	1	0.853	1	0.867
	V	0.848	0.674	0.872	0.691
Reverse Ratio	-	3.938	3.2	3.677	3.403
Final Drive Ratio	-	3.38	3.91	3.08	3.46
Steering Type / Ratio	-	Rack-and-pinion / 16	Rack-and-pinion / 16	Rack-and-pinion / 16	Rack-and-pinion / 16
Front Brakes / Diameter	-	Vent. Disc / 312 / 12.3	Vent. Disc / 312 / 12.3	Vent. Disc / 348 / 13.7	Vent. Disc / 348 / 13.7
Rear Brakes / Diameter	- / mm / inch	Vent. Disc / 300 / 11.8	Vent. Disc / 300 / 11.8	Vent. Disc / 336 / 13.2	Vent. Disc / 336 / 13.2
Tire Type, Front	- / mm / inch	225/45 R17 91H RSC AS	225/45 R17 91H RSC AS	225/45 R17 91H RSC AS	225/45 R17 91H RSC AS
Tire Type, Rear	-	225/45 R17 91H RSC AS	225/45 R17 91H RSC AS	225/45 R17 91H RSC AS	225/45 R17 91H RSC AS
Wheels, Front	-	8J x 17 Light alloy	8J x 17 Light alloy	8J x 17 Light alloy	8J x 17 Light alloy
Wheels, Rear	-	8J x 17 Light alloy	8J x 17 Light alloy	8J x 17 Light alloy	8J x 17 Light alloy
Performance					
Top Speed	km/h / mph	210 / 130	210 / 130	210 / 130	210 / 130
Top Speed w. Sport Package	km/h / mph	240 / 150	240 / 150	240 / 150	240 / 150
Acceleration, 0-60 mph	s	6.7	7.2	5.5	5.7
Acceleration, 0-100 Km/h	s	7.2	7.7	5.8	6
Fuel Economy, EPA Estimate - City	mpg	17	18	17	17
Fuel Economy, EPA Estimate - Highway	mpg	27	27	26	26
Fuel Economy, EPA Estimate - Combined	mpg	20	21	20	20
Approximate Range	km / miles	685 / 425	710 / 440	660 / 415	700 / 435