

BMW

U.S. Press Information

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Technical Data.

2009 BMW M3 Convertible.

	M3 Convertible Manual 6 Speed	M3 (DCT) Convertible Auto 7 Speed
Body		
No. of Doors / Seating Capacity	- 2 / 4	- 2 / 4
Vehicle Length	mm / inch 4618 / 181.8	4618 / 181.8
Vehicle Width	mm / inch 1804 / 71	1804 / 71
Vehicle Height, Unloaded	mm / inch 1392 / 54.8	1392 / 54.8
Wheelbase	mm / inch 2761 / 108.7	2761 / 108.7
Turning Circle	m / ft 11.7 / 38.4	11.7 / 38.4
Track, Front	mm / inch 1540 / 60.6	1540 / 60.6
Track, Rear	mm / inch 1539 / 60.6	1539 / 60.6
Width at Shoulderheight, Front	mm / inch 1404 / 55.3	1404 / 55.3
Width at Shoulderheight, Rear	mm / inch 1251 / 49.3	1251 / 49.3
Effective Leg Room, Front	mm / inch 1061 / 41.8	1061 / 41.8
Effective Leg Room, Rear	mm / inch 811 / 31.9	811 / 31.9
Effective Head Room, Front	mm / inch 965 / 38	965 / 38
Effective Head Room, Rear	mm / inch 927 / 36.5	927 / 36.5
Trunk Volume acc DIN	m ³ / ft ³ 0.210-0.350 / 7.4-12.4	0.210-0.350 / 7.4-12.4
Trunk Volume acc SAE1100	ft ³ 9	9
Fuel Capacity	L / gal 63 / 16.6	63 / 16.6
Curb Weight	kg / lbs 1880 / 4145	1880 / 4145
Weight Distribution, Front / Rear	% 47.2 / 52.8	47.2 / 52.8
Gross Vehicle Weight Rating (GVWR)	kg / lbs 2280 / 5027	2280 / 5027
Payload	kg / lbs	
Axle Load Limit, front	kg / lbs 1060 / 2337	1060 / 2337
Axle Load Limit, rear	kg / lbs 1270 / 2800	1270 / 2800
Roof Load Limit	kg / lbs - / -	- / -
Drag Coefficient	Cd 0.32	0.32
Drag Cd x A	m ² / ft ² 0.69 / 7.47	0.69 / 7.47
Engine		
Engine Type / Cylinder / Valves per Cylinder	- V 90 / 8 / 4	- V 90 / 8 / 4
Engine Management System	- BMW MS60	- BMW MS60
Displacement	cm ³ / inch ³ 3999 / 244	3999 / 244
Stroke	mm / inch 75.2 / 2.96	75.2 / 2.96
Bore	mm / inch 92 / 3.62	92 / 3.62
Power	SAE hp / rpm 414 / 8300	414 / 8300
Torque	ft lbs / rpm 295 (400) / 3900	295 (400) / 3900
Compression Ratio / Fuel type	- 12 / Premium	- 12 / Premium
Chassis and Suspension		
Codification of Reference Gearbox	- G	- M DKG 436
Gear Ratios I	- 4.055	- 4.78
II	- 2.396	- 3.056
IV	- 1.582	- 2.153
V	- 1.192	- 1.678
V	- 1	- 1.39
VI	- 0	- 1.203
Reverse Ratio	- 872	- 1
Final Drive Ratio	- 3.678	- 4.454
Steering Type / Ratio	- 3.85	- 3.15
Front Brakes / Diameter	- Rack-and-pinion / 12.5	- Rack-and-pinion / 12.5
Rear Brakes / Diameter	- / mm / inch Vent. Disc / 360 / 14.2	- / mm / inch Vent. Disc / 360 / 14.2
Tire Type, Front	- / mm / inch Vent. Disc / 350 / 13.8	- / mm / inch Vent. Disc / 350 / 13.8
Tire Type, Rear	- 245/40 ZR18	- 245/40 ZR18
Wheels, Front	- 265/40 ZR18	- 265/40 ZR18
Wheels, Rear	- 8.5J x 18 Light alloy	- 8.5J x 18 Light alloy
Wheels, Rear	- 9.5J x 18 Light alloy	- 9.5J x 18 Light alloy
Performance		
Top Speed	km/h / mph 250 / 155	250 / 155
Top Speed w. Sport Package	km/h / mph - / -	- / -
Acceleration, 0-60 mph	s 5.1	4.9
Acceleration, 0-100 Km/h	s 5.3	5.1
Fuel Economy, EPA Estimate - City	mpg 13	14
Fuel Economy, EPA Estimate - Highway	mpg 19	20
Fuel Economy, EPA Estimate - Combined	mpg 16	16
Approximate Range	km / miles 545 / 335	545 / 335