

BMW

U.S. Press Information

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Technical Data.

2008 BMW M3 Sedan.

M3 Sedan Manual 6 Speed

Body		
No. of Doors / Seating Capacity	-	2 / 4
Vehicle Length	mm / inch	4583 / 180.4
Vehicle Width	mm / inch	1817 / 71.5
Vehicle Height, Unloaded	mm / inch	1447 / 57
Wheelbase	mm / inch	2761 / 108.7
Turning Circle	m / ft	11.7 / 38.4
Track, Front	mm / inch	1540 / 60.6
Track, Rear	mm / inch	1539 / 60.6
Width at Shoulderheight, Front	mm / inch	1408 / 55.4
Width at Shoulderheight, Rear	mm / inch	1399 / 55.1
Effective Leg Room, Front	mm / inch	1054 / 41.5
Effective Leg Room, Rear	mm / inch	878 / 34.6
Effective Head Room, Front	mm / inch	978 / 38.5
Effective Head Room, Rear	mm / inch	953 / 37.5
Trunk Volume acc DIN	m ³ / ft ³	0.450 / 15.9
Trunk Volume acc SAE1100	ft ³	12.0
Fuel Capacity	L / gal	63 / 16.6
Curb Weight	kg / lbs	1690 / 3726
Weight Distribution, Front / Rear	%	47.8 / 52.2
Gross Vehicle Weight Rating (GVWR)	kg / lbs	2150 / 4740
Payload	kg / lbs	460 / 1014
Axle Load Limit, front	kg / lbs	1020 / 2249
Axle Load Limit, rear	kg / lbs	1190 / 2624
Roof Load Limit	kg / lbs	75 / 165
Drag Coefficient	Cd	0.30
Drag Cd x A	m ² / ft ²	0.67 / 7.2

Engine

Engine Type / Cylinder / Valves per Cylinder	-	90° V / 8 / 4
Engine Management System	-	MS S60
Displacement	cm ³ / inch ³	3999 / 244
Stroke	mm / inch	75.2 / 2.96
Bore	mm / inch	92 / 3.62
Power	SAE hp / rpm	414 / 8300
Torque	ft lbs / rpm	295 / 3900
Compression Ratio / Fuel type	-	12 / Premium

Chassis and Suspension

Codification of Reference Gearbox	-	ZF "G"
Gear Ratios I	-	4.055
II	-	2.396
III	-	1.582
IV	-	1.192
V	-	1
VI	-	0.872
Reverse Ratio	-	3.677
Final Drive Ratio	-	3.85

Steering Type / Ratio	-	Rack-and-pinion / 12.5
Front Brakes / Diameter	- / mm / inch	Vent. Disc / 360 / 14.2
Rear Brakes / Diameter	- / mm / inch	Vent. Disc / 350 / 13.8
Tire Type, Front	-	245/40 ZR18
Tire Type, Rear	-	265/40 ZR18
Wheels, Front	-	8.5J x 18 Light alloy
Wheels, Rear	-	9.5J x 18 Light alloy

Performance		
Top Speed	km/h / mph	250 / 155
Acceleration, 0-60 mph	s	4.7
Acceleration, 0-100 Km/h	s	4.9
Fuel Economy, EPA Estimate - City	mpg	14
Fuel Economy, EPA Estimate - Highway	mpg	20
Fuel Economy, EPA Estimate - Combined	mpg	16
Approximate Range	km / miles	555 / 345