

# BMW

## U.S. Media Information

### Contacts:

Thomas Plucinsky  
Product & Technology Communications Manager  
201-307-3783 / thomas.plucinsky@bmwna.com

David J. Buchko  
Advanced Powertrain & Heritage Communications  
201-307-3709 / dave.buchko@bmwna.com

Matthew Russell  
BMW Product & Technology Communications  
Tel. 201-307-3755  
Matthew.Russell@bmwna.com

## Technical Data.

### 2011 BMW M3 Sedan.

	M3	
	Sedan	Sedan
10.01.2010	Manual 6 Speed	DCT 7 Speed
<b>Body</b>		
No. of Doors / Seating Capacity	-	4 / 5
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	879 / 34.6
Effective Head Room, Front	mm / inch	978 / 38.5
Effective Head Room, Rear	mm / inch	953 / 37.5
Trunk Volume acc SAE1100	ft³	12
Fuel Capacity	L / gal	63 / 16.6
Curb Weight	kg / lbs	1690 / 3726
Weight Distribution, Front / Rear	%	52.2 / 47.8
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
Towing Capacity	kg / lbs	- / -
Roof Load Limit	kg / lbs	75 / 165
Drag Coefficient	Cd	0.31
Drag Cd x A	m² / ft²	0.69 / 7.44
<b>Engine</b>		
	S65B40	S65B40
Engine Type / Cylinder / Valves per Cylinder	-	V 90 / 8 / 4 VANOS
Engine Management System	-	BMW MS S60 Port Injection
Induction System	-	Natural, tuned runners
Displacement	cm³ / inch³	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
<b>Chassis and Suspension</b>		
Codification of Reference Gearbox	-	G
Gear Ratios	-	M DKG 436
I	-	4.055
II	-	2.396
III	-	1.582
IV	-	1.192
V	-	1.000
VI	-	0.872
Reverse Ratio	-	-
Final Drive Ratio	-	3.677
Steering Type / Ratio	-	3.846
Front Brakes / Diameter	-	Rack-and-pinion / 12.5
Rear Brakes / Diameter	-	Rack-and-pinion / 12.5
Tire Type, Front	-	Vent. Disc / 360 / 14.2
Tire Type, Rear	-	Vent. Disc / 360 / 14.2
Wheels, Front	-	Vent. Disc / 350 / 13.8
Wheels, Rear	-	Vent. Disc / 350 / 13.8
	-	245/40 ZR18
	-	245/40 ZR18
	-	265/40 ZR18
	-	265/40 ZR18
	-	8.5J x 18 Light alloy
	-	8.5J x 18 Light alloy
<b>Performance</b>		
Top Speed	km/h / mph	250 / 155
Top Speed w. Sport Package	km/h / mph	- / -
Acceleration, 0-60 mph	s	4.7
Acceleration, 0-100 Km/h	s	4.5
Fuel Economy, EPA Estimate - City	mpg	4.7
Fuel Economy, EPA Estimate - Highway	mpg	14
Fuel Economy, EPA Estimate - Combined	mpg	20
Approximate Range	km / miles	16
		430 / 270
		430 / 270