

# BMW

## U.S. Press Information

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## Technical Data.

### 2009 BMW 7 Series.

|                                              |               | <b>750i</b>             | <b>750Li</b>            |
|----------------------------------------------|---------------|-------------------------|-------------------------|
|                                              |               | <b>Sedan</b>            | <b>Sedan</b>            |
|                                              |               | <b>Auto 6 Speed</b>     | <b>Auto 6 Speed</b>     |
| <b>Body</b>                                  |               |                         |                         |
| No. of Doors / Seating Capacity              | -             | 4 / 5                   | 4 / 5                   |
| Vehicle Length                               | mm / inch     | 5074 / 199.8            | 5214 / 205.3            |
| Vehicle Width                                | mm / inch     | 1902 / 74.9             | 1902 / 74.9             |
| Vehicle Height, Unloaded                     | mm / inch     | 1482 / 58.3 2)          | 1481 / 58.3 2)          |
| Wheelbase                                    | mm / inch     | 3070 / 120.9            | 3210 / 126.4            |
| Turning Circle                               | m / ft        | 12.2 / 40.0             | 12.7 / 41.7             |
| Track, Front                                 | mm / inch     | 1611 / 63.4             | 1611 / 63.4             |
| Track, Rear                                  | mm / inch     | 1650 / 65.0             | 1650 / 65.0             |
| Width at Shoulderheight, Front               | mm / inch     | 1503 / 59.2             | 1503 / 59.2             |
| Width at Shoulderheight, Rear                | mm / inch     | 1458 / 57.4             | 1462 / 57.6             |
| Effective Leg Room, Front                    | mm / inch     | 1046 / 41.2             | 1046 / 41.2             |
| Effective Leg Room, Rear                     | mm / inch     | 976 / 38.4              | 1126 / 44.3             |
| Effective Head Room, Front                   | mm / inch     | 1032 / 40.6             | 1036 / 40.8             |
| Effective Head Room, Rear                    | mm / inch     | 978 / 38.5              | 988 / 38.9              |
| Trunk Volume acc DIN                         | m³ / ft³      | 0.500 / 17.7            | 0.500 / 17.7            |
| Trunk Volume acc SAE1100                     | ft³           | 14                      | 14                      |
| Fuel Capacity                                | L / gal       | 82 / 21.7               | 82 / 21.7               |
| Curb Weight                                  | kg / lbs      | 2070 / 4564             | 2105 / 4640             |
| Weight Distribution, Front / Rear            | %             | 51.4 / 48.6             | 51.5 / 48.5             |
| Gross Vehicle Weight Rating (GVWR)           | kg / lbs      | 2585 / 5699             | 2625 / 5787             |
| Payload                                      | kg / lbs      | 480 / 1058              | 480 / 1058              |
| Axle Load Limit, front                       | kg / lbs      | 1265 / 2789             | 1285 / 2833             |
| Axle Load Limit, rear                        | kg / lbs      | 1385 / 3053             | 1415 / 3120             |
| Roof Load Limit                              | kg / lbs      | 100 / 220               | 100 / 220               |
| Drag Coefficient                             | Cd            | 0.31                    | 0.31                    |
| Drag Cd x A                                  | m² / ft²      | 0.75 / 8.07             | 0.75 / 8.07             |
| <b>Engine</b>                                |               |                         |                         |
| Engine Type / Cylinder / Valves per Cylinder | -             | V 90 / 8 / 4            | V 90 / 8 / 4            |
| Engine Management System                     | -             | MSD851                  | MSD851                  |
| Displacement                                 | cm³ / inch³   | 4395 / 268.2            | 4395 / 268.2            |
| Stroke                                       | mm / inch     | 88.3 / 3.48             | 88.3 / 3.48             |
| Bore                                         | mm / inch     | 89 / 3.50               | 89 / 3.50               |
| Power                                        | SAE hp / rpm  | 400 / 5500-6400         | 400 / 5500-6400         |
| Torque                                       | ft lbs / rpm  | 450 (610) / 1800-4500   | 450 (610) / 1800-4500   |
| Compression Ratio / Fuel type                | -             | 10.0 / Premium          | 10.0 / Premium          |
| <b>Chassis and Suspension</b>                |               |                         |                         |
| Codification of Reference Gearbox            | -             | 6HP26 Tü                | 6HP26 Tü                |
| Gear Ratios I                                | -             | 4.171                   | 4.171                   |
| II                                           | -             | 2.340                   | 2.340                   |
| III                                          | -             | 1.521                   | 1.521                   |
| IV                                           | -             | 1.143                   | 1.143                   |
| V                                            | -             | 0.867                   | 0.867                   |
| V                                            | -             | 0.690                   | 0.690                   |
| Reverse Ratio                                | -             | 3.403                   | 3.403                   |
| Final Drive Ratio                            | -             | 3.462                   | 3.462                   |
| Steering Type / Ratio                        | -             | Rack-and-pinion / 19.1  | Rack-and-pinion / 19.1  |
| Front Brakes / Diameter                      | - / mm / inch | Vent. Disc / 374 / 14.7 | Vent. Disc / 374 / 14.7 |
| Rear Brakes / Diameter                       | - / mm / inch | Vent. Disc / 370 / 14.5 | Vent. Disc / 370 / 14.5 |
| Tire Type, Front                             | -             | 245/50 R18 100V RSC AS  | 245/50 R18 100V RSC AS  |
| Tire Type, Rear                              | -             | 245/50 R18 100V RSC AS  | 245/50 R18 100V RSC AS  |
| Wheels, Front                                | -             | 8J x 18 Light alloy     | 8J x 18 Light alloy     |
| Wheels, Rear                                 | -             | 8J x 18 Light alloy     | 8J x 18 Light alloy     |
| <b>Performance</b>                           |               |                         |                         |
| Top Speed                                    | km/h / mph    | 240 / 150               | 240 / 150               |
| Top Speed w. Sport Package                   | km/h / mph    |                         |                         |
| Acceleration, 0-60 mph                       | s             | 5.1                     | 5.2                     |
| Acceleration, 0-100 Km/h                     | s             | 5.4                     | 5.5                     |
| Fuel Economy, EPA Estimate - City            | mpg           | tbd                     | tbd                     |
| Fuel Economy, EPA Estimate - Highway         | mpg           | tbd                     | tbd                     |
| Fuel Economy, EPA Estimate - Combined        | mpg           | tbd                     | tbd                     |
| Approximate Range                            | km / miles    | tbd                     | tbd                     |