

**BMW**  
U.S. Press Information

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**Technical Data.**  
**2009 BMW 3 Series Coupe.**

|                                              | 328i<br>Coupe<br>Manual 6 Speed     | 328i<br>Coupe<br>Auto 6 Speed | 335i<br>Coupe<br>Manual 6 Speed | 335i<br>Coupe<br>Auto 6 Speed |
|----------------------------------------------|-------------------------------------|-------------------------------|---------------------------------|-------------------------------|
| <b>Body</b>                                  |                                     |                               |                                 |                               |
| No. of Doors / Seating Capacity              | -                                   | 2 / 4                         | 2 / 4                           | 2 / 4                         |
| Vehicle Length                               | mm / inch                           | 4588 / 180.6                  | 4588 / 180.6                    | 4588 / 180.6                  |
| Vehicle Width                                | mm / inch                           | 1782 / 70.2                   | 1782 / 70.2                     | 1782 / 70.2                   |
| Vehicle Height, Unloaded                     | mm / inch                           | 1395 / 54.9                   | 1395 / 54.9                     | 1375 / 54.1                   |
| Wheelbase                                    | mm / inch                           | 2760 / 108.7                  | 2760 / 108.7                    | 2760 / 108.7                  |
| Turning Circle                               | m / ft                              | 11.7 / 36.1                   | 11.7 / 36.1                     | 11.7 / 36.1                   |
| Track, Front                                 | mm / inch                           | 1500 / 59.1                   | 1500 / 59.1                     | 1500 / 59.1                   |
| Track, Rear                                  | mm / inch                           | 1513 / 59.6                   | 1513 / 59.6                     | 1513 / 59.6                   |
| Width at Shoulderheight, Front               | mm / inch                           | 1404 / 55.3                   | 1404 / 55.3                     | 1404 / 55.3                   |
| Width at Shoulderheight, Rear                | mm / inch                           | 1319 / 51.9                   | 1319 / 51.9                     | 1319 / 51.9                   |
| Effective Leg Room, Front                    | mm / inch                           | 1061 / 41.8                   | 1061 / 41.8                     | 1061 / 41.8                   |
| Effective Leg Room, Rear                     | mm / inch                           | 857 / 33.7                    | 857 / 33.7                      | 857 / 33.7                    |
| Effective Head Room, Front                   | mm / inch                           | 975 / 38.4                    | 975 / 38.4                      | 975 / 38.4                    |
| Effective Head Room, Rear                    | mm / inch                           | 934 / 36.8                    | 934 / 36.8                      | 934 / 36.8                    |
| Trunk Volume acc SAE1100                     | m <sup>3</sup> / ft <sup>3</sup>    | 0.440 / 15.5                  | 0.440 / 15.5                    | 0.430 / 15.2                  |
| Fuel Capacity                                | L / gal                             | 61 / 16.1                     | 61 / 16.1                       | 61 / 16.1                     |
| Curb Weight                                  | kg / lbs                            | 1520 / 3351                   | 1550 / 3417                     | 1620 / 3571                   |
| Weight Distribution, Front / Rear            | %                                   | 50.3 / 49.7                   | 50.6 / 49.4                     | 51.2 / 48.8                   |
| Gross Vehicle Weight Rating (GVWR)           | kg / lbs                            | 1940 / 4277                   | 1970 / 4343                     | 2040 / 4497                   |
| Payload                                      | kg / lbs                            | 935 / 2061                    | 935 / 2061                      | 895 / 2172                    |
| Axle Load Limit, front                       | kg / lbs                            | 935 / 2061                    | 935 / 2061                      | 895 / 2172                    |
| Axle Load Limit, rear                        | kg / lbs                            | 1920 / 2293                   | 1940 / 2293                     | 1965 / 2348                   |
| Roof Load Limit                              | kg / lbs                            | 75 / 165                      | 75 / 165                        | 75 / 165                      |
| Drag Coefficient                             | Cd                                  | 0.29                          | 0.29                            | 0.3                           |
| Drag Cd x A                                  | m <sup>2</sup> / ft <sup>2</sup>    | 0.6 / 6.49                    | 0.6 / 6.49                      | 0.62 / 6.72                   |
| <b>Engine</b>                                |                                     |                               |                                 |                               |
| Engine Type / Cylinder / Valves per Cylinder | -                                   | In line / 6 / 4               | In line / 6 / 4                 | In line / 6 / 4               |
| Engine Management System                     | -                                   | MSV90                         | MSV90                           | MSV90                         |
| Displacement                                 | cm <sup>3</sup> / inch <sup>3</sup> | 2996 / 182.8                  | 2996 / 182.8                    | 2979 / 181.8                  |
| Stroke                                       | mm / inch                           | 88 / 3.46                     | 88 / 3.46                       | 89.6 / 3.53                   |
| Bore                                         | mm / inch                           | 85 / 3.35                     | 85 / 3.35                       | 84 / 3.31                     |
| Power                                        | SAE hp / rpm                        | 230 / 6500                    | 230 / 6500                      | 300 / 5800                    |
| Torque                                       | ft lbs / rpm                        | 200 (270) / 2750              | 200 (270) / 2750                | 300 (407) / 1400              |
| Compression Ratio / Fuel type                | -                                   | 10.7 / Premium                | 10.7 / Premium                  | 10.2 / Premium                |

|                                       |               |                         |                         |                         |
|---------------------------------------|---------------|-------------------------|-------------------------|-------------------------|
| <b>Chassis and Suspension</b>         |               |                         |                         |                         |
| Codification of Reference Gearbox     | -             | GM6                     | G                       | 6HP19 TU                |
| Gear Ratios                           | -             | 4.323                   | 4.055                   | 4.171                   |
| II                                    | -             | 2.456                   | 2.371                   | 2.396                   |
| III                                   | -             | 1.659                   | 1.551                   | 1.521                   |
| IV                                    | -             | 1.23                    | 1.2                     | 1.192                   |
| V                                     | -             | 1                       | 0.853                   | 1                       |
| VI                                    | -             | 0.848                   | 0.674                   | 0.691                   |
| Reverse Ratio                         | -             | 3.926                   | 3.2                     | 3.403                   |
| Final Drive Ratio                     | -             | 3.23                    | 3.73                    | 3.08                    |
| Steering Type / Ratio                 | -             | 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 |
| Rear Brakes / Diameter                | - / mm / inch | 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   |
| Tire Type, Rear                       | -             | 225/45 R17 91H RSC AS   | 225/45 R17 91H RSC AS   | 225/45 R17 91H RSC AS   |
| Wheels, Front                         | -             | 83 x 17 Light alloy     | 83 x 17 Light alloy     | 83 x 17 Light alloy     |
| Wheels, Rear                          | -             | 83 x 17 Light alloy     | 83 x 17 Light alloy     | 83 x 17 Light alloy     |
| <b>Performance</b>                    |               |                         |                         |                         |
| Top Speed                             | km/h / mph    | 210 / 130               | 210 / 130               | 210 / 130               |
| Top Speed w. Sport Package            | km/h / mph    | 240 / 150               | 240 / 150               | 240 / 150               |
| Acceleration, 0-60 mph                | s             | 6.2                     | 6.8                     | 5.5                     |
| Acceleration, 0-100 Km/h              | s             | 6.4                     | 7.2                     | 5.6                     |
| Fuel Economy, EPA Estimate - City     | mpg           | 18                      | 18                      | 17                      |
| Fuel Economy, EPA Estimate - Highway  | mpg           | 28                      | 28                      | 26                      |
| Fuel Economy, EPA Estimate - Combined | mpg           | 21                      | 22                      | 20                      |
| Approximate Range                     | km / miles    | 735 / 455               | 755 / 470               | 685 / 425               |

|                                              | 328i xDrive<br>Coupe<br>Manual 6 Speed | 328i xDrive<br>Coupe<br>Auto 6 Speed | 335i xDrive<br>Coupe<br>Manual 6 Speed | 335i xDrive<br>Coupe<br>Auto 6 Speed |
|----------------------------------------------|----------------------------------------|--------------------------------------|----------------------------------------|--------------------------------------|
| <b>Body</b>                                  |                                        |                                      |                                        |                                      |
| No. of Doors / Seating Capacity              | -                                      | 2 / 4                                | 2 / 4                                  | 2 / 4                                |
| Vehicle Length                               | mm / inch                              | 4588 / 180.6                         | 4588 / 180.6                           | 4588 / 180.6                         |
| Vehicle Width                                | mm / inch                              | 1782 / 70.2                          | 1782 / 70.2                            | 1782 / 70.2                          |
| Vehicle Height, Unloaded                     | mm / inch                              | 1395 / 54.9                          | 1395 / 54.9                            | 1375 / 54.1                          |
| Wheelbase                                    | mm / inch                              | 2760 / 108.7                         | 2760 / 108.7                           | 2760 / 108.7                         |
| Turning Circle                               | m / ft                                 | 11.87 / 38.7                         | 11.87 / 38.7                           | 11.87 / 38.7                         |
| Track, Front                                 | mm / inch                              | 1500 / 59.1                          | 1500 / 59.1                            | 1500 / 59.1                          |
| Track, Rear                                  | mm / inch                              | 1513 / 59.6                          | 1513 / 59.6                            | 1513 / 59.6                          |
| Width at Shoulderheight, Front               | mm / inch                              | 1404 / 55.3                          | 1404 / 55.3                            | 1404 / 55.3                          |
| Width at Shoulderheight, Rear                | mm / inch                              | 1319 / 51.9                          | 1319 / 51.9                            | 1319 / 51.9                          |
| Effective Leg Room, Front                    | mm / inch                              | 1061 / 41.8                          | 1061 / 41.8                            | 1061 / 41.8                          |
| Effective Leg Room, Rear                     | mm / inch                              | 857 / 33.7                           | 857 / 33.7                             | 857 / 33.7                           |
| Effective Head Room, Front                   | mm / inch                              | 975 / 38.4                           | 975 / 38.4                             | 975 / 38.4                           |
| Effective Head Room, Rear                    | mm / inch                              | 934 / 36.8                           | 934 / 36.8                             | 934 / 36.8                           |
| Trunk Volume acc DIN                         | m <sup>3</sup> / ft <sup>3</sup>       | 0.440 / 15.5                         | 0.440 / 15.5                           | 0.430 / 15.2                         |
| Fuel Capacity                                | L / gal                                | 61 / 16.1                            | 61 / 16.1                              | 61 / 16.1                            |
| Curb Weight                                  | kg / lbs                               | 1625 / 3583                          | 1645 / 3627                            | 1705 / 3759                          |
| Weight Distribution, Front / Rear            | %                                      | 52.9 / 47.1                          | 52.9 / 47.1                            | 52.9 / 47.1                          |
| Gross Vehicle Weight Rating (GVWR)           | kg / lbs                               | 2045 / 4508                          | 2065 / 4553                            | 2125 / 4685                          |
| Payload                                      | kg / lbs                               | 1025 / 2260                          | 1025 / 2260                            | 1055 / 2326                          |
| Axle Load Limit, front                       | kg / lbs                               | 1025 / 2260                          | 1025 / 2260                            | 1055 / 2326                          |
| Axle Load Limit, rear                        | kg / lbs                               | 1965 / 2326                          | 1965 / 2326                            | 1980 / 2381                          |
| Roof Load Limit                              | kg / lbs                               | 75 / 165                             | 75 / 165                               | 75 / 165                             |
| Drag Coefficient                             | Cd                                     | 0.31                                 | 0.31                                   | 0.33                                 |
| Drag Cd x A                                  | m <sup>2</sup> / ft <sup>2</sup>       | 0.64 / 6.94                          | 0.64 / 6.94                            | 0.69 / 7.39                          |
| <b>Engine</b>                                |                                        |                                      |                                        |                                      |
| Engine Type / Cylinder / Valves per Cylinder | -                                      | In line / 6 / 4                      | In line / 6 / 4                        | In line / 6 / 4                      |
| Engine Management System                     | -                                      | MSV90                                | MSV90                                  | MSV90                                |
| Displacement                                 | cm <sup>3</sup> / inch <sup>3</sup>    | 2996 / 182.8                         | 2996 / 182.8                           | 2979 / 181.8                         |
| Stroke                                       | mm / inch                              | 88 / 3.46                            | 88 / 3.46                              | 89.6 / 3.53                          |
| Bore                                         | mm / inch                              | 85 / 3.35                            | 85 / 3.35                              | 84 / 3.31                            |
| Power                                        | SAE hp / rpm                           | 230 / 6500                           | 230 / 6500                             | 300 / 5800                           |
| Torque                                       | ft lbs / rpm                           | 200 (270) / 2750                     | 200 (270) / 2750                       | 300 (407) / 1400                     |
| Compression Ratio / Fuel type                | -                                      | 10.7 / Premium                       | 10.7 / Premium                         | 10.2 / Premium                       |

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| <b>Chassis and Suspension</b>         |               |                         |                         |                         |
| Codification of Reference Gearbox     | -             | H                       | GM6                     | G                       |
| Gear Ratios                           | -             | 4.35                    | 4.055                   | 4.171                   |
| II                                    | -             | 2.496                   | 2.371                   | 2.396                   |
| III                                   | -             | 1.665                   | 1.551                   | 1.521                   |
| IV                                    | -             | 1.23                    | 1.2                     | 1.192                   |
| V                                     | -             | 1                       | 0.853                   | 1                       |
| VI                                    | -             | 0.851                   | 0.674                   | 0.691                   |
| Reverse Ratio                         | -             | 3.926                   | 3.2                     | 3.403                   |
| Final Drive Ratio                     | -             | 3.91                    | 3.91                    | 3.08                    |
| Steering Type / Ratio                 | -             | Rack-and-pinion / 18.2  | Rack-and-pinion / 18.2  | Rack-and-pinion / 18.2  |
| Front Brakes / Diameter               | -             | Vent. Disc / 312 / 12.3 | Vent. Disc / 312 / 12.3 | Vent. Disc / 348 / 13.7 |
| Rear Brakes / Diameter                | - / mm / inch | 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   |
| Tire Type, Rear                       | -             | 225/45 R17 91H RSC AS   | 225/45 R17 91H RSC AS   | 225/45 R17 91H RSC AS   |
| Wheels, Front                         | -             | 83 x 17 Light alloy     | 83 x 17 Light alloy     | 83 x 17 Light alloy     |
| Wheels, Rear                          | -             | 83 x 17 Light alloy     | 83 x 17 Light alloy     | 83 x 17 Light alloy     |
| <b>Performance</b>                    |               |                         |                         |                         |
| Top Speed                             | km/h / mph    | 210 / 130               | 210 / 130               | 210 / 131               |
| Top Speed w. Sport Package            | km/h / mph    | 240 / 150               | 240 / 150               | 240 / 149               |
| Acceleration, 0-60 mph                | s             | 6.8                     | 7                       | 5.2                     |
| Acceleration, 0-100 Km/h              | s             | 7.4                     | 7.4                     | 5.6                     |
| Fuel Economy, EPA Estimate - City     | mpg           | 17                      | 17                      | 16                      |
| Fuel Economy, EPA Estimate - Highway  | mpg           | 25                      | 25                      | 25                      |
| Fuel Economy, EPA Estimate - Combined | mpg           | 20                      | 20                      | 19                      |
| Approximate Range                     | km / miles    | 680 / 420               | 695 / 430               | 665 / 415               |