

# BMW

## U.S. Media Information

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## Technical Data.

### 2012 BMW 3 Series Convertible.

|                                              |               | 328i                    | 328i                    | 335i                          | 335i                          |
|----------------------------------------------|---------------|-------------------------|-------------------------|-------------------------------|-------------------------------|
|                                              |               | Convertible             | Convertible             | Convertible                   | Convertible                   |
| 11.01.2011                                   |               | Manual 6 Speed          | Auto 6 Speed            | Manual 6 Speed                | Auto 6 Speed                  |
| <b>Body</b>                                  |               |                         |                         |                               |                               |
| No. of Doors / Seating Capacity              | -             | 2 / 4                   | 2 / 4                   | 2 / 4                         | 2 / 4                         |
| Vehicle Length                               | mm / inch     | 4620 / 181.9            | 4620 / 181.9            | 4620 / 181.9                  | 4620 / 181.9                  |
| Vehicle Width                                | mm / inch     | 1782 / 70.2             | 1782 / 70.2             | 1782 / 70.2                   | 1782 / 70.2                   |
| Vehicle Height, Unloaded                     | mm / inch     | 1384 / 54.5             | 1384 / 54.5             | 1384 / 54.5                   | 1384 / 54.5                   |
| Wheelbase                                    | mm / inch     | 2760 / 108.7            | 2760 / 108.7            | 2760 / 108.7                  | 2760 / 108.7                  |
| Turning Circle                               | m / ft        | 11 / 36.1               | 11 / 36.1               | 11 / 36.1                     | 11 / 36.1                     |
| Track, Front                                 | mm / inch     | 1500 / 59.1             | 1500 / 59.1             | 1500 / 59.1                   | 1500 / 59.1                   |
| Track, Rear                                  | mm / inch     | 1513 / 59.6             | 1513 / 59.6             | 1513 / 59.6                   | 1513 / 59.6                   |
| Ground Clearance                             | mm / inch     | 138 / 5.43              | 138 / 5.43              | 138 / 5.43                    | 138 / 5.43                    |
| Width at Shoulderheight, Front               | mm / inch     | 1404 / 55.3             | 1404 / 55.3             | 1404 / 55.3                   | 1404 / 55.3                   |
| Width at Shoulderheight, Rear                | mm / inch     | 1251 / 49.3             | 1251 / 49.3             | 1251 / 49.3                   | 1251 / 49.3                   |
| Effective Leg Room, Front                    | mm / inch     | 1068 / 42               | 1068 / 42               | 1068 / 42                     | 1068 / 42                     |
| Effective Leg Room, Rear                     | mm / inch     | 814 / 32                | 814 / 32                | 814 / 32                      | 814 / 32                      |
| Effective Head Room, Front                   | mm / inch     | 965 / 38                | 965 / 38                | 965 / 38                      | 965 / 38                      |
| Effective Head Room, Rear                    | mm / inch     | 927 / 36.5              | 927 / 36.5              | 927 / 36.5                    | 927 / 36.5                    |
| Trunk Volume acc SAE1100                     | ft³           | 9                       | 9                       | 9                             | 9                             |
| Fuel Capacity                                | L / gal       | 61 / 16.1               | 61 / 16.1               | 61 / 16.1                     | 61 / 16.1                     |
| Curb Weight                                  | kg / lbs      | 1735 / 3825             | 1765 / 3891             | 1805 / 3979                   | 1815 / 4001                   |
| Weight Distribution, Front / Rear            | %             | 45.8 / 54.2             | 46.5 / 53.5             | 47.1 / 52.9                   | 47.7 / 52.3                   |
| Gross Vehicle Weight Rating (GVWR)           | kg / lbs      | 2135 / 4707             | 2165 / 4773             | 2185 / 4817                   | 2195 / 4839                   |
| Payload                                      | kg / lbs      | 380 / 838               | 380 / 838               | 380 / 838                     | 380 / 838                     |
| Axle Load Limit, front                       | kg / lbs      | 970 / 2138              | 970 / 2138              | 1000 / 2205                   | 1000 / 2205                   |
| Axle Load Limit, rear                        | kg / lbs      | 1200 / 2646             | 1200 / 2646             | 1200 / 2646                   | 1200 / 2646                   |
| Towing Capacity                              | kg / lbs      | - / -                   | - / -                   | - / -                         | - / -                         |
| Roof Load Limit                              | kg / lbs      | - / -                   | - / -                   | - / -                         | - / -                         |
| Drag Coefficient                             | Cd            | 0.30                    | 0.30                    | 0.31                          | 0.31                          |
| <b>Engine</b>                                |               |                         |                         |                               |                               |
| Engine                                       |               | N52                     | N52                     | N55                           | N55                           |
| Engine Type / Cylinder / Valves per Cylinder | -             | Inline / 6 / 4 VANOS    | Inline / 6 / 4 VANOS    | Inline / 6 / 4 VANOS          | Inline / 6 / 4 VANOS          |
| Engine Management System                     | -             | MSV80 Port Injection    | MSV80 Port Injection    | MEVD 17.2 Direct Injection    | MEVD 17.2 Direct Injection    |
| Induction System                             |               | Natural Valvetronic     | Natural Valvetronic     | Twin scroll turbo Valvetronic | Twin scroll turbo Valvetronic |
| Boost Pressure / Overboost                   | Bar           | -                       | -                       | 0.6                           | 0.6                           |
| Displacement                                 | cm³ / inch³   | 2996 / 182.8            | 2996 / 182.8            | 2979 / 181.8                  | 2979 / 181.8                  |
| Stroke                                       | mm / inch     | 88 / 3.46               | 88 / 3.46               | 89.6 / 3.53                   | 89.6 / 3.53                   |
| Bore                                         | mm / inch     | 85 / 3.35               | 85 / 3.35               | 84 / 3.31                     | 84 / 3.31                     |
| Power                                        | SAE hp / rpm  | 230 / 6500              | 230 / 6500              | 300 / 5800                    | 300 / 5800                    |
| Torque *Overboost                            | ft lbs / rpm  | 200 (270) / 2750        | 200 (270) / 2750        | 300 / 1200-5000               | 300 / 1200-5000               |
| Compression Ratio / Fuel type                | -             | 10.7 / Premium          | 10.7 / Premium          | 10.2 / Premium                | 10.2 / Premium                |
| <b>Chassis and Suspension</b>                |               |                         |                         |                               |                               |
| Codification of Reference Gearbox            | -             | I                       | GM6                     | K                             | 6HP19 TU                      |
| Gear Ratios                                  | I             | 4.323                   | 4.065                   | 4.110                         | 4.171                         |
|                                              | II            | 2.456                   | 2.371                   | 2.315                         | 2.340                         |
|                                              | III           | 1.659                   | 1.551                   | 1.542                         | 1.521                         |
|                                              | IV            | 1.230                   | 1.200                   | 1.179                         | 1.143                         |
|                                              | V             | 1.000                   | 0.853                   | 1.000                         | 0.867                         |
|                                              | VI            | 0.848                   | 0.674                   | 0.846                         | 0.691                         |
| Reverse Ratio                                | -             | 3.938                   | 3.200                   | 3.727                         | 3.403                         |
| Final Drive Ratio                            | -             | 3.38                    | 3.91                    | 3.08                          | 3.46                          |
| Steering Type / Ratio                        | -             | Rack-and-pinion / 16    | 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       | Vent. Disc / 348 / 13.7       |
| Rear Brakes / Diameter                       | - / mm / inch | Vent. Disc / 300 / 11.8 | Vent. Disc / 300 / 11.8 | Vent. Disc / 336 / 13.2       | Vent. Disc / 336 / 13.2       |
| Tire Type, Front                             | -             | 225/45 R17 91H RSC AS   | 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         | 225/45 R17 91H RSC AS         |
| Tire Type, Front w. Sport Package            | -             | 225/40 R18 W RSC        | 225/40 R18 W RSC        | 225/40 R18 W RSC              | 225/40 R18 W RSC              |
| Tire Type, Rear w. Sport Package             | -             | 255/35 R18 W RSC        | 255/35 R18 W RSC        | 255/35 R18 W RSC              | 255/35 R18 W RSC              |
| Wheels, Front                                | -             | 8J x 17 Light alloy     | 8J x 17 Light alloy     | 8J x 17 Light alloy           | 8J x 17 Light alloy           |
| Wheels, Rear                                 | -             | 8J x 17 Light alloy     | 8J x 17 Light alloy     | 8J x 17 Light alloy           | 8J x 17 Light alloy           |
| Wheels, Front w. Sport Package               | -             | 8J x 18 Light alloy     | 8J x 18 Light alloy     | 8J x 18 Light alloy           | 8J x 18 Light alloy           |
| Wheels, Rear w. Sport Package                | -             | 8.5J x 18 Light alloy   | 8.5J x 18 Light alloy   | 8.5J x 18 Light alloy         | 8.5J x 18 Light alloy         |
| <b>Performance</b>                           |               |                         |                         |                               |                               |
| Top Speed                                    | km/h / mph    | 210 / 130               | 210 / 130               | 210 / 130                     | 210 / 130                     |
| Top Speed w. Sport Package                   | km/h / mph    | 240 / 150               | 240 / 150               | 240 / 150                     | 240 / 150                     |
| Acceleration, 0-60 mph                       | s             | 6.7                     | 7.2                     | 5.5                           | 5.7                           |
| Acceleration, 0-100 Km/h                     | s             | 7.2                     | 7.7                     | 5.8                           | 6.0                           |
| Fuel Economy, EPA Estimate - City            | mpg           | 17                      | 18                      | 19                            | 19                            |
| Fuel Economy, EPA Estimate - Highway         | mpg           | 26                      | 27                      | 28                            | 28                            |
| Fuel Economy, EPA Estimate - Combined        | mpg           | 20                      | 21                      | 22                            | 22                            |
| Approximate Range                            | km / miles    | 520 / 325               | 545 / 340               | 570 / 355                     | 570 / 355                     |

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## Technical Data.

### 2012 BMW 3 Series Convertible.

|                                              |               | <b>335is<br/>Convertible<br/>Manual 6 Speed</b> | <b>335is<br/>Convertible<br/>DCT 7 Speed</b> |
|----------------------------------------------|---------------|-------------------------------------------------|----------------------------------------------|
| <b>11.01.2011</b>                            |               |                                                 |                                              |
| <b>Body</b>                                  |               |                                                 |                                              |
| No. of Doors / Seating Capacity              | -             | 2 / 4                                           | 2 / 4                                        |
| Vehicle Length                               | mm / inch     | 4620 / 181.9                                    | 4620 / 181.9                                 |
| Vehicle Width                                | mm / inch     | 1782 / 70.2                                     | 1782 / 70.2                                  |
| Vehicle Height, Unloaded                     | mm / inch     | 1370 / 54.0                                     | 1370 / 54.0                                  |
| Wheelbase                                    | mm / inch     | 2760 / 108.7                                    | 2760 / 108.7                                 |
| Turning Circle                               | m / ft        | 11 / 36.1                                       | 11 / 36.1                                    |
| Track, Front                                 | mm / inch     | 1500 / 59.1                                     | 1500 / 59.1                                  |
| Track, Rear                                  | mm / inch     | 1513 / 59.6                                     | 1513 / 59.6                                  |
| Ground Clearance                             | mm / inch     | 124 / 4.88                                      | 124 / 4.88                                   |
| 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     | 1068 / 42                                       | 1068 / 42                                    |
| Effective Leg Room, Rear                     | mm / inch     | 814 / 32                                        | 814 / 32                                     |
| Effective Head Room, Front                   | mm / inch     | 965 / 38.0                                      | 966 / 38.0                                   |
| Effective Head Room, Rear                    | mm / inch     | 927 / 36.5                                      | 928 / 36.5                                   |
| Trunk Volume acc SAE1100                     | ft³           | 9                                               | 9                                            |
| Fuel Capacity                                | L / gal       | 61 / 16.1                                       | 61 / 16.1                                    |
| Curb Weight                                  | kg / lbs      | 1815 / 4001                                     | 1830 / 4034                                  |
| Weight Distribution, Front / Rear            | %             | 47.1 / 52.9                                     | 47.5 / 52.5                                  |
| Gross Vehicle Weight Rating (GVWR)           | kg / lbs      | 2195 / 4839                                     | 2210 / 4872                                  |
| Payload                                      | kg / lbs      | 380 / 838                                       | 380 / 838                                    |
| Axle Load Limit, front                       | kg / lbs      | 1010 / 2227                                     | 1010 / 2227                                  |
| Axle Load Limit, rear                        | kg / lbs      | 1200 / 2646                                     | 1200 / 2646                                  |
| Towing Capacity                              | kg / lbs      | - / -                                           | - / -                                        |
| Roof Load Limit                              | kg / lbs      | - / -                                           | - / -                                        |
| Drag Coefficient                             | Cd            | 0.31                                            | 0.31                                         |
| <b>Engine</b>                                |               |                                                 |                                              |
|                                              |               | N54 HP                                          | N54 HP                                       |
| Engine Type / Cylinder / Valves per Cylinder | -             | Inline / 6 / 4 VANOS                            | Inline / 6 / 4 VANOS                         |
| Engine Management System                     | -             | MSD81 Direct Injection                          | MSD81 Direct Injection                       |
| Induction System                             | -             | twin turbo                                      | twin turbo                                   |
| Boost Pressure / Overboost                   | Bar           | 0.8 / 1.0                                       | 0.8 / 1.0                                    |
| Displacement                                 | cm³ / inch³   | 2979 / 181.8                                    | 2979 / 181.8                                 |
| Stroke                                       | mm / inch     | 89.6 / 3.53                                     | 89.6 / 3.53                                  |
| Bore                                         | mm / inch     | 84 / 3.31                                       | 84 / 3.31                                    |
| Power                                        | SAE hp / rpm  | 320 / 5900                                      | 320 / 5900                                   |
| Torque *Overboost                            | ft lbs / rpm  | 332 - 370* / 1500                               | 332 - 370* / 1500                            |
| Compression Ratio / Fuel type                | -             | 10.2 / Premium                                  | 10.2 / Premium                               |
| <b>Chassis and Suspension</b>                |               |                                                 |                                              |
| Codification of Reference Gearbox            | -             | G                                               | DKG 436                                      |
| Gear Ratios I                                | -             | 4.055                                           | 4.780                                        |
| II                                           | -             | 2.396                                           | 3.056                                        |
| III                                          | -             | 1.582                                           | 2.153                                        |
| IV                                           | -             | 1.192                                           | 1.678                                        |
| V                                            | -             | 1.000                                           | 1.390                                        |
| VI                                           | -             | 0.872                                           | 1.203                                        |
| VII                                          | -             |                                                 | 1.000                                        |
| Reverse Ratio                                | -             | 3.677                                           | 4.454                                        |
| Final Drive Ratio                            | -             | 3.08                                            | 2.563                                        |
| Steering Type / Ratio                        | -             | Rack-and-pinion / 16.0                          | Rack-and-pinion / 16.0                       |
| Front Brakes / Diameter                      | -             | Vent. Disc / 348 / 13.7                         | Vent. Disc / 348 / 13.7                      |
| Rear Brakes / Diameter                       | - / mm / inch | Vent. Disc / 336 / 13.2                         | Vent. Disc / 336 / 13.2                      |
| Tire Type, Front                             | - / mm / inch | 225/40 R18 88W RSC                              | 225/40 R18 88W RSC                           |
| Tire Type, Rear                              | -             | 255/35 R18 90W RSC                              | 255/35 R18 90W RSC                           |
| Tire Type, Front w. Sport Package            | -             | 225/35 R19 Y RSC                                | 225/35 R19 Y RSC                             |
| Tire Type, Rear w. Sport Package             | -             | 255/30 R19 Y RSC                                | 255/30 R19 Y RSC                             |
| Wheels, Front                                | -             | 8J x 18 Light alloy                             | 8J x 18 Light alloy                          |
| Wheels, Rear                                 | -             | 8.5J x 18 Light alloy                           | 8.5J x 18 Light alloy                        |
| Wheels, Front w. Sport Package               | -             | 8J x 19 Light alloy                             | 8J x 19 Light alloy                          |
| Wheels, Rear w. Sport Package                | -             | 8.5J x 19 Light alloy                           | 8.5J x 19 Light alloy                        |
| <b>Performance</b>                           |               |                                                 |                                              |
| Top Speed                                    | km/h / mph    | 240 / 150                                       | 240 / 150                                    |
| Top Speed w. Sport Package                   | km/h / mph    | 240 / 150                                       | 240 / 150                                    |
| Acceleration, 0-60 mph                       | s             | 5.2                                             | 5.2                                          |
| Acceleration, 0-100 Km/h                     | s             | 5.5                                             | 5.5                                          |
| Fuel Economy, EPA Estimate - City            | mpg           | 18                                              | 17                                           |
| Fuel Economy, EPA Estimate - Highway         | mpg           | 26                                              | 24                                           |
| Fuel Economy, EPA Estimate - Combined        | mpg           | 21                                              | 19                                           |
| Approximate Range                            | km / miles    | 545 / 340                                       | 495 / 305                                    |