

BMW

U.S. Press Information



The All-New 2017 BMW ALPINA B7 xDrive

Technical Specifications.

| | | BMW ALPINA B7 xDrive |
|----------------------------------|-----------------|----------------------------|
| Body (ECE preliminary) | | |
| Length | mm | 5250 |
| Width | mm | 1902 |
| Width with side view mirrors | mm | 2169 |
| Height (unladen) | mm | 1491 |
| Ground clearance | mm | 141 |
| Overhang front | mm | 892 |
| Overhang rear | mm | 1148 |
| Turning circle diameter | m | 12.9 |
| Vehicle weight (unladen) | kg | 2035 |
| Max. weight limit | kg | 2735 |
| Luggage capacity | ltr | 515 |
| Engine | | |
| Engine type | | M3 |
| Arrangement / cylinders | | V8 |
| Displacement | cm ³ | 4395 |
| Engine Power | bHP@rpm | 600@5750-6250 |
| Engine Torque | lbs-ft | 590@3000-5000 |
| Output per liter | bHP/ltr | 136.5 |
| Cutoff speed | rpm | 6500 |
| Bore/stroke | mm | 89,0 / 88,3 |
| Compression ratio | :1 | 10,0 |
| Diameter intake/exhaust valve | mm | 33,2 / 29,0 |
| Battery | V/Ah | 12 / 105 |
| Generator | A/W | 210 / 2940 |
| spark plug | | NGK SILZKBR8D8S |
| Ignition/injection | BOSCH | DME 8.8.0 |
| injection pressure bar | psi | max. 2900 |
| Transmission | | |
| Transmission Designation. | | 8HP 75 |
| Gear ratios | | |
| 1 st gear | | 5,000 |
| 2 nd | | 3,200 |
| 3 rd | | 2,143 |
| 4 th | | 1,720 |
| 5 th | | 1,313 |
| 6 th | | 1,000 |
| 7 th | | 0,823 |
| 8 th | | 0,640 |
| R. gear | | 3,478 |
| Rear axle ratio | | NA |
| Performance | | |
| Top speed mph | | 193 (preliminary figure) |
| Acceleration 0-100 km/h sec. | | 3,7 (preliminary figure) |
| Acceleration 0-200 km/h sec. | | 12,5 (preliminary figure) |
| Acceleration 0-1000 m sec. | | 21,5 (preliminary figure) |
| Stopping distance 100 - 0 km/h m | | <36,0 (preliminary figure) |
| Cdx | | 0.322 |