



# Specifications.

## MINI Cooper D Convertible.

## MINI Cooper D Convertible Automatic.

| Body                                      |                                     | MINI Cooper D Convertible                                                                                                                                                                                                                                                                                                                                                                 | MINI Cooper D Convertible Automatic |
|-------------------------------------------|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|
| No of doors / seats                       |                                     | 2 / 4                                                                                                                                                                                                                                                                                                                                                                                     | 2 / 4                               |
| Length / width / height (unladen)         | mm                                  | 3723 / 1683 / 1414                                                                                                                                                                                                                                                                                                                                                                        | 3723 / 1683 / 1414                  |
| Wheelbase                                 | mm                                  | 2467                                                                                                                                                                                                                                                                                                                                                                                      | 2467                                |
| Track, front / rear                       | mm                                  | 1459 / 1467                                                                                                                                                                                                                                                                                                                                                                               | 1459 / 1467                         |
| Turning circle                            | m                                   | 10.7                                                                                                                                                                                                                                                                                                                                                                                      | 10.7                                |
| Tank capacity                             | approx. l                           | 40                                                                                                                                                                                                                                                                                                                                                                                        | 40                                  |
| Cooling system incl. heater               | l                                   | 5.2                                                                                                                                                                                                                                                                                                                                                                                       | 5.2                                 |
| Engine oil                                | l                                   | 5.2                                                                                                                                                                                                                                                                                                                                                                                       | 5.2                                 |
| Transmission oil incl. drive train        | l                                   | Lifetime                                                                                                                                                                                                                                                                                                                                                                                  | Lifetime                            |
| Weight, unladen to DIN / EU <sup>1)</sup> | kg                                  | 1200 / 1275                                                                                                                                                                                                                                                                                                                                                                               | 1225 / 1300                         |
| Max load to DIN                           | kg                                  | 430                                                                                                                                                                                                                                                                                                                                                                                       | 430                                 |
| Max permissible load to DIN               | kg                                  | 1630                                                                                                                                                                                                                                                                                                                                                                                      | 1655                                |
| Max axle load, front / rear               | kg                                  | 875 / 770                                                                                                                                                                                                                                                                                                                                                                                 | 905 / 770                           |
| Max trailer load <sup>2)</sup>            |                                     |                                                                                                                                                                                                                                                                                                                                                                                           |                                     |
| braked (12%) / unbraked                   | kg                                  | - / -                                                                                                                                                                                                                                                                                                                                                                                     | - / -                               |
| Max roofload / max download               | kg                                  | - / -                                                                                                                                                                                                                                                                                                                                                                                     | - / -                               |
| Luggage comp to DIN                       | l                                   | 125 / 170 - 660                                                                                                                                                                                                                                                                                                                                                                           | 125 / 170 - 660                     |
| Air drag $c_x$ / A / $c_x \times A$       | - / m <sup>2</sup> / m <sup>2</sup> | 0.35 / 2.01 / 0.70                                                                                                                                                                                                                                                                                                                                                                        | 0.35 / 2.01 / 0.70                  |
| <b>Engine</b>                             |                                     |                                                                                                                                                                                                                                                                                                                                                                                           |                                     |
| Config / No of cyls / valves              |                                     | Inline / 4 / 4                                                                                                                                                                                                                                                                                                                                                                            | Inline / 4 / 4                      |
| Engine management                         |                                     | DDE 7.01                                                                                                                                                                                                                                                                                                                                                                                  | DDE 7.2.1                           |
| Capacity                                  | cm <sup>3</sup>                     | 1598                                                                                                                                                                                                                                                                                                                                                                                      | 1995                                |
| Bore / stroke                             | mm                                  | 78 / 83.6                                                                                                                                                                                                                                                                                                                                                                                 | 84 / 90                             |
| Compression ratio                         | :1                                  | 16.5                                                                                                                                                                                                                                                                                                                                                                                      | 16.5                                |
| Fuel grade                                | RON                                 | Diesel                                                                                                                                                                                                                                                                                                                                                                                    | Diesel                              |
| Max output                                | kW / PS                             | 82 / 112                                                                                                                                                                                                                                                                                                                                                                                  | 82 / 111                            |
| At                                        | min <sup>-1</sup>                   | 4000                                                                                                                                                                                                                                                                                                                                                                                      | 4000                                |
| Max torque                                | Nm                                  | 270                                                                                                                                                                                                                                                                                                                                                                                       | 270                                 |
| At                                        | min <sup>-1</sup>                   | 1750-2250                                                                                                                                                                                                                                                                                                                                                                                 | 1750-2250                           |
| <b>Electrical System</b>                  |                                     |                                                                                                                                                                                                                                                                                                                                                                                           |                                     |
| Battery / installation                    | Ah / -                              | 70 / Engine compartment                                                                                                                                                                                                                                                                                                                                                                   | 70 / Engine compartment             |
| Alternator                                | A                                   | 150                                                                                                                                                                                                                                                                                                                                                                                       | 150                                 |
| <b>Chassis</b>                            |                                     |                                                                                                                                                                                                                                                                                                                                                                                           |                                     |
| Suspension, front                         |                                     | Single-joint MacPherson spring strut axle with anti-dive control                                                                                                                                                                                                                                                                                                                          |                                     |
| Suspension, rear                          |                                     | Multi-link axle with aluminium longitudinal struts and centrally-pivoted control arms                                                                                                                                                                                                                                                                                                     |                                     |
| Front brakes                              |                                     | Vented disc                                                                                                                                                                                                                                                                                                                                                                               | Vented disc                         |
| Diameter                                  | mm                                  | 280 × 22                                                                                                                                                                                                                                                                                                                                                                                  | 280 × 22                            |
| Rear brakes                               |                                     | Disc                                                                                                                                                                                                                                                                                                                                                                                      | Disc                                |
| Diameter                                  | mm                                  | 259 × 10                                                                                                                                                                                                                                                                                                                                                                                  | 259 × 10                            |
| Driving stability systems                 |                                     | Hydraulic two-circuit brake system with anti-lock brakes (ABS), Electronic Brake Force Distribution (EBD) and Cornering Brake Control (CBC), ASC+T traction control, Dynamic Stability Control (DSC) with Brake Assist and Hill Start Assistant, optional: Dynamic Traction Control (DTC) and Electronic Differential Lock Control (EDLC). Parking brake acts mechanically on rear wheels |                                     |
| Steering                                  |                                     | Electric power steering (EPS); 2.4 rotations in total                                                                                                                                                                                                                                                                                                                                     |                                     |
| Steering transmission, overall            | :1                                  | 14.1                                                                                                                                                                                                                                                                                                                                                                                      | 14.1                                |
| Tyres                                     |                                     | 175/65 R15 84H                                                                                                                                                                                                                                                                                                                                                                            | 175/65 R15 84H                      |
| Wheels                                    |                                     | 5.5J × 15 LM                                                                                                                                                                                                                                                                                                                                                                              | 5.5J × 15 LM                        |
| <b>Transmission</b>                       |                                     |                                                                                                                                                                                                                                                                                                                                                                                           |                                     |
| Type of gearbox                           |                                     | 6-gear manual transmission                                                                                                                                                                                                                                                                                                                                                                | 6-speed automatic transmission      |
| Gear ratios                               | I                                   | :1                                                                                                                                                                                                                                                                                                                                                                                        | 3.308                               |
|                                           | II                                  | :1                                                                                                                                                                                                                                                                                                                                                                                        | 1.870                               |
|                                           | III                                 | :1                                                                                                                                                                                                                                                                                                                                                                                        | 1.194                               |
|                                           | IV                                  | :1                                                                                                                                                                                                                                                                                                                                                                                        | 0.872                               |
|                                           | V                                   | :1                                                                                                                                                                                                                                                                                                                                                                                        | 0.721                               |
|                                           | VI                                  | :1                                                                                                                                                                                                                                                                                                                                                                                        | 0.596                               |
| Reverse gear                              | :1                                  | 3.231                                                                                                                                                                                                                                                                                                                                                                                     | 3.193                               |
| Final drive ratio                         | :1                                  | 3.474                                                                                                                                                                                                                                                                                                                                                                                     | 3.683                               |
| <b>Performance</b>                        |                                     |                                                                                                                                                                                                                                                                                                                                                                                           |                                     |
| Power-to-weight ratio to DIN              | kg/kW                               | 14.6                                                                                                                                                                                                                                                                                                                                                                                      | 14.9                                |
| Output per litre                          | kW/l                                | 51.3                                                                                                                                                                                                                                                                                                                                                                                      | 41.1                                |
| Acceleration                              | 0-100 km/h                          | s                                                                                                                                                                                                                                                                                                                                                                                         | 10.3                                |
|                                           | 0-1000 m                            | s                                                                                                                                                                                                                                                                                                                                                                                         | 32.4                                |
| In 4 <sup>th</sup> / 5 <sup>th</sup> gear | 80-120 km/h                         | s                                                                                                                                                                                                                                                                                                                                                                                         | 8.1 / 9.9                           |
| Top speed                                 | km/h                                | 194                                                                                                                                                                                                                                                                                                                                                                                       | 190                                 |
| <b>Fuel Consumption in EU Cycle</b>       |                                     |                                                                                                                                                                                                                                                                                                                                                                                           |                                     |
| Urban                                     | l/100 km                            | 4.5                                                                                                                                                                                                                                                                                                                                                                                       | 7                                   |
| Extra-urban                               | l/100 km                            | 3.7                                                                                                                                                                                                                                                                                                                                                                                       | 4.3                                 |
| Composite                                 | l/100 km                            | 4.0                                                                                                                                                                                                                                                                                                                                                                                       | 5.3                                 |
| CO <sub>2</sub>                           | g/km                                | 105                                                                                                                                                                                                                                                                                                                                                                                       | 140                                 |
| <b>Miscellaneous</b>                      |                                     |                                                                                                                                                                                                                                                                                                                                                                                           |                                     |
| Emission rating                           |                                     | EU5                                                                                                                                                                                                                                                                                                                                                                                       | EU5                                 |
| Ground clearance                          | mm                                  | 139                                                                                                                                                                                                                                                                                                                                                                                       | 139                                 |

Specifications apply to ACEA markets / data relevant to homologation applicable in part only to Germany (weight)

<sup>1)</sup> Weight of the car in road trim (DIN) plus 75 kg for driver and luggage.

<sup>2)</sup> Deviations are possible under certain circumstances.