



# Specifications.

## MINI John Cooper Works Convertible.

## MINI John Cooper Works Convertible Automatic.

| Body                                     | MINI John Cooper Works Convertible  |                                                                                                                                                                                                                                                                                                                                                         | MINI John Cooper Works Convertible Automatic |
|------------------------------------------|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|
| No of doors/seats                        |                                     | 2 / 4                                                                                                                                                                                                                                                                                                                                                   | 2 / 4                                        |
| Length/width/height (unladen)            | mm                                  | 3758 / 1683 / 1414                                                                                                                                                                                                                                                                                                                                      | 3758 / 1683 / 1414                           |
| Wheelbase                                | mm                                  | 2467                                                                                                                                                                                                                                                                                                                                                    | 2467                                         |
| Track, front/rear                        | mm                                  | 1453 / 1461                                                                                                                                                                                                                                                                                                                                             | 1453 / 1461                                  |
| Turning circle                           | m                                   | 10.7                                                                                                                                                                                                                                                                                                                                                    | 10.7                                         |
| Tank capacity                            | approx l                            | 50                                                                                                                                                                                                                                                                                                                                                      | 50                                           |
| Cooling system incl heater               | l                                   | 7.5                                                                                                                                                                                                                                                                                                                                                     | 7.5                                          |
| Engine oil                               | l                                   | 4.2                                                                                                                                                                                                                                                                                                                                                     | 4.2                                          |
| Transmission oil incl drive train        | l                                   | Lifetime                                                                                                                                                                                                                                                                                                                                                | Lifetime                                     |
| Weight, unladen to DIN/EU <sup>1</sup>   | kg                                  | 1240 / 1315                                                                                                                                                                                                                                                                                                                                             | 1265 / 1340                                  |
| Max load to DIN                          | kg                                  | 430                                                                                                                                                                                                                                                                                                                                                     | 430                                          |
| Max permissible weight                   | kg                                  | 1670                                                                                                                                                                                                                                                                                                                                                    | 1695                                         |
| Max axle load, front/rear                | kg                                  | 885 / 800                                                                                                                                                                                                                                                                                                                                               | 910 / 800                                    |
| Max trailer load braked (12%) / unbraked | kg                                  | - / -                                                                                                                                                                                                                                                                                                                                                   | - / -                                        |
| Max roofload/max download                | kg                                  | - / -                                                                                                                                                                                                                                                                                                                                                   | - / -                                        |
| Luggage compartment                      | l                                   | 125 – 660                                                                                                                                                                                                                                                                                                                                               | 125 – 660                                    |
| Air drag $c_d$ / $A$ / $c_d \times A$    | - / m <sup>2</sup> / m <sup>2</sup> | 0.37 / 2.00 / 0.74                                                                                                                                                                                                                                                                                                                                      | 0.37 / 2.00 / 0.74                           |
| <b>Engine</b>                            |                                     |                                                                                                                                                                                                                                                                                                                                                         |                                              |
| Config/No of cyls/valves                 |                                     | In-line / 4 / 4                                                                                                                                                                                                                                                                                                                                         | In-line / 4 / 4                              |
| Engine management                        |                                     | MEVD 1727                                                                                                                                                                                                                                                                                                                                               | MEVD 1727                                    |
| Capacity                                 | cm <sup>3</sup>                     | 1598                                                                                                                                                                                                                                                                                                                                                    | 1598                                         |
| Bore/stroke                              | mm                                  | 77.0 / 85.8                                                                                                                                                                                                                                                                                                                                             | 77.0 / 85.8                                  |
| Compression ratio                        | :1                                  | 10.5                                                                                                                                                                                                                                                                                                                                                    | 10.5                                         |
| Fuel grade                               | RON                                 | 91–98                                                                                                                                                                                                                                                                                                                                                   | 91–98                                        |
| Max output                               | kW / hp                             | 155 / 211                                                                                                                                                                                                                                                                                                                                               | 155 / 211                                    |
| at                                       | rpm                                 | 6000                                                                                                                                                                                                                                                                                                                                                    | 6000                                         |
| Max torque (with overboost)              | Nm                                  | 260 (280)                                                                                                                                                                                                                                                                                                                                               | 260 (280)                                    |
| at                                       | rpm                                 | 1850–5600 (2000–5200)                                                                                                                                                                                                                                                                                                                                   | 1850–5600 (2000–5200)                        |
| <b>Electrical system</b>                 |                                     |                                                                                                                                                                                                                                                                                                                                                         |                                              |
| Battery/installation                     | Ah / –                              | 70 / Engine compartment                                                                                                                                                                                                                                                                                                                                 | 70 / Engine compartment                      |
| Alternator                               | A                                   | 120                                                                                                                                                                                                                                                                                                                                                     | 120                                          |
| <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                                  | 316 × 22                                                                                                                                                                                                                                                                                                                                                | 316 × 22                                     |
| Rear brakes                              |                                     | Disc                                                                                                                                                                                                                                                                                                                                                    | Disc                                         |
| Diameter                                 | mm                                  | 280 × 10                                                                                                                                                                                                                                                                                                                                                | 280 × 10                                     |
| Driving stability systems                |                                     | Hydraulic two-circuit brake system with anti-lock brakes (ABS), Electronic Brake Force Distribution (EBD) and Cornering Brake Control (CBC), Dynamic Stability Control (DSC) with Brake Assist, Hill Start Assistant, Dynamic Traction Control (DTC) and Electronic Differential Lock Control (EDLC).<br>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                                    |                                     | 205/45 R17 84W RSC                                                                                                                                                                                                                                                                                                                                      | 205/45 R17 84W RSC                           |
| Wheels                                   |                                     | 7J × 17 light-alloy                                                                                                                                                                                                                                                                                                                                     | 7J × 17 light-alloy                          |
| <b>Transmission</b>                      |                                     |                                                                                                                                                                                                                                                                                                                                                         |                                              |
| Type of gearbox                          |                                     | 6-gear manual transmission                                                                                                                                                                                                                                                                                                                              | 6-speed automatic transmission               |
| Gear ratios                              | I                                   | :1                                                                                                                                                                                                                                                                                                                                                      | 3.308                                        |
|                                          | II                                  | :1                                                                                                                                                                                                                                                                                                                                                      | 2.130                                        |
|                                          | III                                 | :1                                                                                                                                                                                                                                                                                                                                                      | 1.483                                        |
|                                          | IV                                  | :1                                                                                                                                                                                                                                                                                                                                                      | 1.139                                        |
|                                          | V                                   | :1                                                                                                                                                                                                                                                                                                                                                      | 0.949                                        |
|                                          | VI                                  | :1                                                                                                                                                                                                                                                                                                                                                      | 0.816                                        |
| Reverse gear                             | :1                                  | 3.231                                                                                                                                                                                                                                                                                                                                                   | 3.193                                        |
| Final drive ratio                        | :1                                  | 3.706                                                                                                                                                                                                                                                                                                                                                   | 3.683                                        |
| <b>Performance</b>                       |                                     |                                                                                                                                                                                                                                                                                                                                                         |                                              |
| Power-to-weight ratio to DIN             | kg/kW                               | 8.0                                                                                                                                                                                                                                                                                                                                                     | 8.2                                          |
| Output per litre                         | kW/l                                | 97.0                                                                                                                                                                                                                                                                                                                                                    | 97.0                                         |
| Acceleration                             | 0–100 km/h                          | s                                                                                                                                                                                                                                                                                                                                                       | 6.9                                          |
|                                          | 0–1000 m                            | s                                                                                                                                                                                                                                                                                                                                                       | 26.8                                         |
| in 4th/5th gear                          | 80–120 km/h                         | s                                                                                                                                                                                                                                                                                                                                                       | 5.7 / 6.8                                    |
| Top speed                                | km/h                                | 235                                                                                                                                                                                                                                                                                                                                                     | 233                                          |
| <b>Fuel consumption in EU cycle</b>      |                                     |                                                                                                                                                                                                                                                                                                                                                         |                                              |
| Urban                                    | l/100 km                            | 9.0                                                                                                                                                                                                                                                                                                                                                     | 10.4                                         |
| Extra-urban                              | l/100 km                            | 5.5                                                                                                                                                                                                                                                                                                                                                     | 5.5                                          |
| Composite                                | l/100 km                            | 6.8                                                                                                                                                                                                                                                                                                                                                     | 7.3                                          |
| CO <sub>2</sub>                          | g/km                                | 157                                                                                                                                                                                                                                                                                                                                                     | 169                                          |
| <b>Miscellaneous</b>                     |                                     |                                                                                                                                                                                                                                                                                                                                                         |                                              |
| Emission rating                          |                                     | EU5                                                                                                                                                                                                                                                                                                                                                     | EU5                                          |
| Ground clearance (empty)                 | mm                                  | 130                                                                                                                                                                                                                                                                                                                                                     | 130                                          |

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