

# TECHNICAL SPECIFICATIONS.

## MINI JOHN COOPER WORKS CONVERTIBLE,

## MINI JOHN COOPER WORKS CONVERTIBLE

## AUTOMATIC.



| Body                                             | MINI John Cooper Works Convertible  |                                                                                                                                                                                                                                                                                                                                                                                                                     | MINI John Cooper Works Convertible |                                 |
|--------------------------------------------------|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|---------------------------------|
| Number of doors/seats                            |                                     | 2 / 4                                                                                                                                                                                                                                                                                                                                                                                                               |                                    | 2 / 4                           |
| Length/width/height (empty)                      | mm                                  | 3874 / 1727 / 1415                                                                                                                                                                                                                                                                                                                                                                                                  |                                    | 3874 / 1727 / 1415              |
| Wheelbase                                        | mm                                  | 2495                                                                                                                                                                                                                                                                                                                                                                                                                |                                    | 2495                            |
| Track width, front/rear                          | mm                                  | 1485 / 1485                                                                                                                                                                                                                                                                                                                                                                                                         |                                    | 1485 / 1485                     |
| Turning circle                                   | m                                   | 10.8                                                                                                                                                                                                                                                                                                                                                                                                                |                                    | 10.8                            |
| Fuel tank capacity                               | approx. l                           | 44                                                                                                                                                                                                                                                                                                                                                                                                                  |                                    | 44                              |
| Engine oil                                       | l                                   | 5.25                                                                                                                                                                                                                                                                                                                                                                                                                |                                    | 5.25                            |
| Transmission oil incl. drivetrain                | l                                   | lifetime filling                                                                                                                                                                                                                                                                                                                                                                                                    |                                    | lifetime filling                |
| Unladen weight according to DIN/EU <sup>1)</sup> | kg                                  | 1310 / 1385                                                                                                                                                                                                                                                                                                                                                                                                         |                                    | 1320 / 1395                     |
| Payload according to DIN                         | kg                                  | 460                                                                                                                                                                                                                                                                                                                                                                                                                 |                                    | 460                             |
| Permitted gross vehicle weight                   | kg                                  | 1770                                                                                                                                                                                                                                                                                                                                                                                                                |                                    | 1785                            |
| Permitted axle loads, front/rear                 | kg                                  | 960 / 820                                                                                                                                                                                                                                                                                                                                                                                                           |                                    | 980 / 820                       |
| Permitted trailer load                           |                                     |                                                                                                                                                                                                                                                                                                                                                                                                                     |                                    |                                 |
| braked (12 %) / unbraked                         | kg                                  | - / -                                                                                                                                                                                                                                                                                                                                                                                                               |                                    | - / -                           |
| Permitted roof load/permitted download           | kg                                  | - / -                                                                                                                                                                                                                                                                                                                                                                                                               |                                    | - / -                           |
| Luggage compartment volume (top closed / open)   | l                                   | 160 / 215                                                                                                                                                                                                                                                                                                                                                                                                           |                                    | 160 / 215                       |
| Aerodynamic drag $c_x$ / A / $c_x \times A$      | - / m <sup>2</sup> / m <sup>2</sup> | 0.36 / 2.08 / 0.75                                                                                                                                                                                                                                                                                                                                                                                                  |                                    | 0.36 / 2.08 / 0.75              |
| <b>Engine</b>                                    |                                     |                                                                                                                                                                                                                                                                                                                                                                                                                     |                                    |                                 |
| Type/no. of cylinders/valves                     |                                     | in-line 4 / 4                                                                                                                                                                                                                                                                                                                                                                                                       |                                    | in-line 4 / 4                   |
| Engine control                                   |                                     | MEVD 17.2.3                                                                                                                                                                                                                                                                                                                                                                                                         |                                    | MEVD 17.2.3                     |
| Capacity                                         | cc                                  | 1998                                                                                                                                                                                                                                                                                                                                                                                                                |                                    | 1998                            |
| Bore/stroke                                      | mm                                  | 82.0 / 94.6                                                                                                                                                                                                                                                                                                                                                                                                         |                                    | 82.0 / 94.6                     |
| Compression                                      | :1                                  | 10.2                                                                                                                                                                                                                                                                                                                                                                                                                |                                    | 10.2                            |
| Fuel                                             | RON                                 | 91-98                                                                                                                                                                                                                                                                                                                                                                                                               |                                    | 91-98                           |
| Output                                           | kW / hp                             | 170 / 231                                                                                                                                                                                                                                                                                                                                                                                                           |                                    | 170 / 231                       |
| at engine speed                                  | rpm                                 | 5200 - 6000                                                                                                                                                                                                                                                                                                                                                                                                         |                                    | 5200 - 6000                     |
| Torque                                           | Nm                                  | 320                                                                                                                                                                                                                                                                                                                                                                                                                 |                                    | 320                             |
| at engine speed                                  | rpm                                 | 1250 - 4800                                                                                                                                                                                                                                                                                                                                                                                                         |                                    | 1250 - 4800                     |
| <b>Electrical system</b>                         |                                     |                                                                                                                                                                                                                                                                                                                                                                                                                     |                                    |                                 |
| Battery/installation                             | Ah / -                              | 80 / engine compartment                                                                                                                                                                                                                                                                                                                                                                                             |                                    | 80 / engine compartment         |
| Alternator                                       | A                                   | 150                                                                                                                                                                                                                                                                                                                                                                                                                 |                                    | 150                             |
| <b>Suspension</b>                                |                                     |                                                                                                                                                                                                                                                                                                                                                                                                                     |                                    |                                 |
| Front wheel suspension                           |                                     | Single-joint McPherson spring strut axle with aluminium swivel bearing and anti-dive control                                                                                                                                                                                                                                                                                                                        |                                    |                                 |
| Rear wheel suspension                            |                                     | Multilink axle with weight-optimised trailing arms                                                                                                                                                                                                                                                                                                                                                                  |                                    |                                 |
| Brakes, front                                    |                                     | disc, vented                                                                                                                                                                                                                                                                                                                                                                                                        |                                    | disc, vented                    |
| Rear brakes                                      |                                     | disc                                                                                                                                                                                                                                                                                                                                                                                                                |                                    | disc                            |
| Driving stability systems                        |                                     | Hydraulic 2-circuit brake system with anti-lock brakes (ABS), electronic brake force distribution (EBD) and Cornering Brake Control (CBC), Dynamic Stability Control (DSC) with brake assistant, hill start assistant, brake dry function, Fading Brake Support, Dynamic Traction Control (DTC), Electronic Differential Lock Control (EDLC) and Performance Control. Handbrake impacts mechanically on rear wheels |                                    |                                 |
| Steering                                         |                                     | Electrically assisted EPS unit with Servotronic function                                                                                                                                                                                                                                                                                                                                                            |                                    |                                 |
| Overall steering ratio                           | :1                                  | 14.2                                                                                                                                                                                                                                                                                                                                                                                                                |                                    | 14.2                            |
| Tyres                                            |                                     | 205/45 R17 88Y XL                                                                                                                                                                                                                                                                                                                                                                                                   |                                    | 205/45 R17 88Y XL               |
| Rims                                             |                                     | 7J x 17 light alloy                                                                                                                                                                                                                                                                                                                                                                                                 |                                    | 7J x 17 light alloy             |
| <b>Transmission</b>                              |                                     |                                                                                                                                                                                                                                                                                                                                                                                                                     |                                    |                                 |
| Transmission type                                |                                     | 6-speed manual transmission                                                                                                                                                                                                                                                                                                                                                                                         |                                    | 6-speed Steptronic transmission |
| Gear ratio                                       | I                                   | :1                                                                                                                                                                                                                                                                                                                                                                                                                  | 3.923                              | 4.459                           |
|                                                  | II                                  | :1                                                                                                                                                                                                                                                                                                                                                                                                                  | 2.136                              | 2.508                           |
|                                                  | III                                 | :1                                                                                                                                                                                                                                                                                                                                                                                                                  | 1.276                              | 1.555                           |
|                                                  | IV                                  | :1                                                                                                                                                                                                                                                                                                                                                                                                                  | 0.921                              | 1.142                           |
|                                                  | V                                   | :1                                                                                                                                                                                                                                                                                                                                                                                                                  | 0.756                              | 0.851                           |
|                                                  | VI                                  | :1                                                                                                                                                                                                                                                                                                                                                                                                                  | 0.628                              | 0.672                           |
| Reverse gear                                     |                                     | :1                                                                                                                                                                                                                                                                                                                                                                                                                  | 3.538                              | 3.185                           |
| Final drive ratio                                |                                     | :1                                                                                                                                                                                                                                                                                                                                                                                                                  | 3.824                              | 3.502                           |
| <b>Driving performance figures</b>               |                                     |                                                                                                                                                                                                                                                                                                                                                                                                                     |                                    |                                 |
| Power-to-weight ratio according to DIN           | kg/kW                               | 7.7                                                                                                                                                                                                                                                                                                                                                                                                                 |                                    | 7.8                             |
| Power output per litre                           | kW/l                                | 85.1                                                                                                                                                                                                                                                                                                                                                                                                                |                                    | 85.1                            |
| Acceleration                                     | 0-100 km/h                          | s                                                                                                                                                                                                                                                                                                                                                                                                                   | 6.6                                | 6.5                             |
| Acceleration                                     | 80-120 km/h (in 5th gear)           | s                                                                                                                                                                                                                                                                                                                                                                                                                   | 6.1                                | -                               |
| Maximum speed                                    | km/h                                | 242                                                                                                                                                                                                                                                                                                                                                                                                                 |                                    | 240                             |

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Media information  
  
The new  
MINI John Cooper  
Works Convertible  
  
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| Fuel consumption in EU cycle |                 |               |               |
|------------------------------|-----------------|---------------|---------------|
| Urban                        | l/100 km        | 8.6           | 7.4           |
| Extra-urban                  | l/100 km        | 5.4           | 5.1           |
| Total                        | l/100 km        | 6.5           | 5.9           |
| CO <sub>2</sub>              | g/km            | 152           | 138           |
| Other                        |                 |               |               |
| Emission rating              |                 | EU6           | EU6           |
| Insurance rating             | 3rd party/fully | <sup>2)</sup> | <sup>2)</sup> |
| Ground clearance (empty)     | mm              | 115           | 115           |

Technical specifications valid for ACEA markets / registration-related data only relevant to Germany in some cases (weights)

<sup>1)</sup> Weight of road-ready automobile (DIN) plus 75 kg for driver and luggage  
<sup>2)</sup> Details not yet available