



# Specifications.

## MINI John Cooper Works Coupe.

## MINI John Cooper Works Coupe Automatic.

| Body                                        | MINI John Cooper Works Coupe        |                                                                                                                                                                                                                                                                                                                                                         | MINI John Cooper Works Coupe Automatic |                                |
|---------------------------------------------|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|--------------------------------|
| No of doors/seats                           |                                     | 2 / 2                                                                                                                                                                                                                                                                                                                                                   |                                        | 2 / 2                          |
| Length/width/height (unladen)               | mm                                  | 3758 / 1683 / 1385                                                                                                                                                                                                                                                                                                                                      |                                        | 3758 / 1683 / 1385             |
| 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                                  | 1175 / 1250                                                                                                                                                                                                                                                                                                                                             |                                        | 1200 / 1275                    |
| Max load to DIN                             | kg                                  | 290                                                                                                                                                                                                                                                                                                                                                     |                                        | 290                            |
| Max permissible weight                      | kg                                  | 1465                                                                                                                                                                                                                                                                                                                                                    |                                        | 1490                           |
| Max axle load, front/rear                   | kg                                  | 875 / 610                                                                                                                                                                                                                                                                                                                                               |                                        | 900 / 610                      |
| Max trailer load<br>braked (12%) / unbraked | kg                                  | - / -                                                                                                                                                                                                                                                                                                                                                   |                                        | - / -                          |
| Max roofload/max download                   | kg                                  | - / -                                                                                                                                                                                                                                                                                                                                                   |                                        | - / -                          |
| Luggage compartment                         | l                                   | 280                                                                                                                                                                                                                                                                                                                                                     |                                        | 280                            |
| Air drag $c_d$ / $A$ / $c_d \times A$       | - / m <sup>2</sup> / m <sup>2</sup> | 0.35 / 1.97 / 0.69                                                                                                                                                                                                                                                                                                                                      |                                        | 0.35 / 1.97 / 0.69             |
| <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                                  | 4.044                          |
|                                             | II                                  | :1                                                                                                                                                                                                                                                                                                                                                      | 2.130                                  | 2.371                          |
|                                             | III                                 | :1                                                                                                                                                                                                                                                                                                                                                      | 1.483                                  | 1.556                          |
|                                             | IV                                  | :1                                                                                                                                                                                                                                                                                                                                                      | 1.139                                  | 1.159                          |
|                                             | V                                   | :1                                                                                                                                                                                                                                                                                                                                                      | 0.949                                  | 0.852                          |
|                                             | VI                                  | :1                                                                                                                                                                                                                                                                                                                                                      | 0.816                                  | 0.672                          |
| 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                               | 7.6                                                                                                                                                                                                                                                                                                                                                     |                                        | 7.7                            |
| Output per litre                            | kW/l                                | 97.0                                                                                                                                                                                                                                                                                                                                                    |                                        | 97.0                           |
| Acceleration                                | 0-100 km/h                          | s                                                                                                                                                                                                                                                                                                                                                       | 6.4                                    | 6.6                            |
|                                             | 0-1000 m                            | s                                                                                                                                                                                                                                                                                                                                                       | 26.1                                   | 26.3                           |
| in 4th/5th gear                             | 80-120 km/h                         | s                                                                                                                                                                                                                                                                                                                                                       | 5.1 / 6.1                              | - / -                          |
| Top speed                                   | km/h                                | 240                                                                                                                                                                                                                                                                                                                                                     |                                        | 238                            |
| <b>Fuel consumption in EU</b>               |                                     |                                                                                                                                                                                                                                                                                                                                                         |                                        |                                |
| Urban                                       | l/100 km                            | 8.8                                                                                                                                                                                                                                                                                                                                                     |                                        | 10.1                           |
| Extra-urban                                 | l/100 km                            | 5.3                                                                                                                                                                                                                                                                                                                                                     |                                        | 5.3                            |
| Composite                                   | l/100 km                            | 6.6                                                                                                                                                                                                                                                                                                                                                     |                                        | 7.1                            |
| CO <sub>2</sub>                             | g/km                                | 153                                                                                                                                                                                                                                                                                                                                                     |                                        | 165                            |
| <b>Miscellaneous</b>                        |                                     |                                                                                                                                                                                                                                                                                                                                                         |                                        |                                |
| Emission rating                             |                                     | EU5                                                                                                                                                                                                                                                                                                                                                     |                                        | EU5                            |
| Ground clearance (empty)                    | 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