# Safety Cage SPECIFICATION

# Biesheuvel Autosport is a Afbeelding met illustratie Automatisch gegenereerde beschrijvingcertified company for installations off roll-bars This roll bar is built in under Annexe J artikel 253 self construction

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| Safety Cage Manufacturer | **Biesheuvel Autosport** |
| Address | **Rijksweg 37** |
|  | **4255 GE Nieuwendijk** |
|  | **Netherlands** |
| Phone n° + Email | **0031 183 403400**  **info@biesheuvel.nl** |

**The structure shown on this form is manufactured for the following vehicle:**

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| **Make** | **NISSAN** | Model | **PATHFINDER** | Year/Model Identifier | 2008 |
| Vehicle Homologation Number(s)\*  \*if applicable | | | N/A | | |

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| **Drawing of front ¾ view of the Complete Structure showing the location of the identification plate** |
| **6090** |

**DETAILS OF STRUCTURE**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| sans titre1 | **A =** | 380 | mm | **B=** |  | mm |
| **C =** |  | mm | **E =** | 330 | mm |
| **H =** | 1140 | mm | **(E is highest figure only)** | | |
| All Dimensions ± 5mm |  | | | | | |

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| Method of attachment to Body Shell | Welded | |
| Weight of Safety Cage, inc. fastenings | 25 | kg |

**LABELLED** **DRAWING OF THE SAFETY CAGE STRUCTURE SHOWING ALL TUBING DIMENSIONS**

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| O  **D**  **S**  **O1**  **D1**  **C**  **C1**  **L/F**  **M**  **E**  **B** |

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| All Dimensions + 0.1mm | | Show location of each type on drawing | | | | | | |
| **Tube / Member** | **Label** | **Grade of Steel** | **External Diameter (OD)** | | **Wall**  **Thickness** | | **Min. Tensile**  **Strength** | |
| Main Rollbar | M | E235EN/10305-1 | 45.0 | mm | 2.5 | Mm | 480 | N/mm2 |
| Front/Lateral  Rollbar | L/F | E235EN/10305-1 | 40.0 | mm | 2.5 | Mm | 480 | N/mm2 |
| Backstays | B | E235EN/10305-1 | 40,0 | mm | 2.5 | Mm | 480 | N/mm2 |
| Main rollbar  Diagonal members | D | E235EN/10305-1 | 40.0 | mm | 2.0 | Mm | 480 | N/mm2 |
| Backstay  Diagonal members | D1 | E235EN/10305-1 | 40.0 | mm | 2.0 | Mm | 480 | N/mm2 |
| Roof  Reinforcements | C | E235EN/10305 | 40.0 | mm | 2.0 | Mm | 480 | N/mm2 |
| Doorbars | E | E235EN/10305-1 | 40.0 | mm | 2.0 | Mm | 480 | N/mm2 |
| Windscreen Pillar  Reinforcements | C1 | E235EN/10305-1 | 40.0 | mm | 2.0 | Mm | 480 | N/mm2 |
| Harness Bar | S | E235EN/10305-1 | 40.0 | mm | 2.0 | Mm | 480 | N/mm2 |
| OPTINAL TUBES | O | E235EN/10305-1 | 40.0 | mm | 2.0 | Mm | 480 | N/mm2 |
| OPTINAL TUBES | O1 | DIN2391  25CRM04 | 30.0 | mm | 2.5 | Mm | 700 | N/mm2 |
| OPTINALTUBES |  |  |  | mm |  | Mm |  | N/mm2 |
|  |  |  |  | mm |  | Mm |  | N/mm2 |
|  |  |  |  | mm |  | mm |  | N/mm2 |
|  |  |  |  | mm |  | mm |  | N/mm2 |

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| Total length of all tubes < 40 mm OD |  | mm | **15 m maximum** |

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| **Photo 1**  FRONT ¾ VIEW OF CAGE |  | **Photo 2**  REAR ¾ VIEW OF CAGE |
| Afbeelding met auto, geparkeerd, transport, groen  Automatisch gegenereerde beschrijving |  |  |

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| **Photo 3**  VIEW FROM SIDE OF CAR |  | **Photo 4**  MAIN ROLLBAR TO FLOOR ATTACHMENT |
| Afbeelding met auto, transport, geparkeerd, dak  Automatisch gegenereerde beschrijving |  | Afbeelding met binnen, metaal, gereedschap, vies  Automatisch gegenereerde beschrijving |

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| **Photo 5**  REAR BACKSTAY TO BODYSHELL ATTACHMENT |  | **Photo 6**  FRONT ROLLBAR TO FLOOR ATTACHMENT |
| Afbeelding met motor, vies  Automatisch gegenereerde beschrijving |  | Afbeelding met vies  Automatisch gegenereerde beschrijving |

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| **Photo 7**  FRONT ROLLBAR TO “a” PILLAR ATTACHMENT |  | **Photo 8**  MAIN ROLLBAR TO “B” PILLAR ATTACHMENT |
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| **Photo 9**  ATTACHMENT TO FRONT SUSPENSION |  | **PHOTO**  Chassis Identification Number |
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| **Photo 10**  Anti-Intrusion DOORBar - DRIVER |  | **Photo 11**  Anti-Intrusion DOORBar – CO-DRIVER |
| **Afbeelding met binnen, oud, vies, motor  Automatisch gegenereerde beschrijving** |  | Afbeelding met oud, vies, bedieningspaneel  Automatisch gegenereerde beschrijving |

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| **Photo 12**  SHOULDER HARNESS ATTACHMENT - DRIVER |  | **Photo 13**  SHOULDER HARNESS ATTACHMENT – CO DRIVER |
| **Afbeelding met venster, outdoor-object  Automatisch gegenereerde beschrijving** |  |  |

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| **Photo 14**  LOCATION OF INDENTIFICATION PLATE |  | **PHOTO 16**  DETAILS OF INDENTIFICATION PLATE |
| **Afbeelding met auto, motor  Automatisch gegenereerde beschrijving** |  | |  | | --- | | Afbeelding met binnen, motor, vies  Automatisch gegenereerde beschrijving | |

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| **Photo 17**  OTHER DETAILS OF CAGE |  | **Photo 18**  OTHER DETIALS OF CAGE |
| **Afbeelding met binnen, gebouw, metaal, dak  Automatisch gegenereerde beschrijving** |  | Afbeelding met vies  Automatisch gegenereerde beschrijving |

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| V.I.N. or Chassis Identification Number | **5N1BR18BX8C610441** |
| BABM51040JH28892 | **6090** |

**MANUFACTURER'S DECLARATION AND DETAILS:**

I declare that the Safety Cage Structure described on this form and fitted to the vehicle described above:

• was constructed and installed in accordance with the specifications and design shown herein.

• has been manufactured so that all aspects of the Safety Cage design, including configuration and strength requirements and welded and demountable joints and mountings, will be in conformity with the requirements of the FIA Homologation Regulations for Safety Cages.

• has been identified by an engraved plate bearing the name or logo of the manufacturer, ( Biesheuvel Autosport)

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| Manufacturer’s Name | **Biesheuvel Autosport** | **Insert**  **Manufacturer Stamp**  **here** |
| Address | **Rijksweg 37** |
| **4255 GE Nieuwendijk** |
| **Netherlands** |
| Phone n° + Email | **0031 183 403400**  **info@biesheuvel.nl** |
| Signature: | **Insert signature here** |
| Name of Signatory#: | N Biesheuvel |

**MANUFACTURER’S AGENT:** (For Safety Cages installed by an Agent)

The following Agent is authorised to act on the manufacturer’s behalf to install this Safety Cage design.

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| Agent’s Name | **GB Metaal Techniek** |
| Address | Bredesteeg 2 |
|  | 4255 GH Nieuwendijk |
|  | Netherlands |
| Phone n° + Email | **0031 622607952**  [**info@rolbeugels.nl**](mailto:info@rolbeugels.nl) |

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| **Instructions to the installer of the Safety Cage** |

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