

# Installation Equipment and Accessories

## Cable gland With strain relief



HSK-MZ-Ex Art. No. 106089



- Metal cable glands for mobile equipment with moving connection lines
- Type of protection Ex e, degree of protection IP68
- Practical strain relief offers improved safety

MY R. STAHL HSKB



HSK-MZ-Ex series cable glands have been designed for mobile equipment with movable connection lines. They are made from metal, have an Ex e II type of protection, meet the requirements for the IP68 degree of protection, and feature strain relief to ensure that the connection is secure in the long term.

### Technical Data

#### Explosion Protection

|                                 |                        |
|---------------------------------|------------------------|
| Ex version                      | Ex e                   |
| Application range (zones)       | 1<br>2<br>21<br>22     |
| IECEX gas certificate           | IECEX KEM 07.0014X     |
| IECEX gas explosion protection  | Ex e IIC Gb            |
| IECEX dust certificate          | IECEX KEM 07.0014X     |
| IECEX dust explosion protection | Ex ta IIIC Da          |
| ATEX gas certificate            | KEMA 99 ATEX 6971 X    |
| ATEX gas explosion protection   | ⊕ II 2 G Ex e IIC Gb   |
| ATEX dust certificate           | KEMA 99 ATEX 6971 X    |
| ATEX dust explosion protection  | ⊕ II 1 D Ex ta IIIC Da |

#### Ambient Conditions

|                     |                   |
|---------------------|-------------------|
| Ambient temperature | -60 °C ... +95 °C |
|---------------------|-------------------|

#### Mechanical Data

|                              |                                     |
|------------------------------|-------------------------------------|
| Strain relief                | Yes                                 |
| Degree of protection (IP)    | IP68                                |
| Degree of protection note    | 10 bar (in specified terminal area) |
| Sealing material             | NBR                                 |
| Gasket material              | NBR                                 |
| Sealing ring material        | NBR                                 |
| Terminal protection material | Polyamide                           |
| Material                     | Nickel-plated brass                 |
| Silicone-free                | Yes                                 |
| Clamping range               | 37 – 44 mm                          |
| Armouring type               | Unarmoured cable types              |

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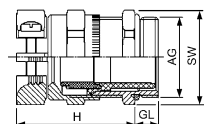


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### Mechanical Data

|                             |                |
|-----------------------------|----------------|
| Clamping range              | 37 ... 44 mm   |
| Width across corners        | 78.52 mm       |
| Width across flats          | 68 mm<br>64 mm |
| Thread size                 | M63            |
| Thread length               | 15 mm          |
| Thread pitch                | 1,5 mm         |
| Protrusion length           | 52 mm          |
| Impact strength (IEC 60079) | 4 J            |
| Impact strength             | 4 J            |
| Lot size                    | 1              |
| Weight                      | 616 g          |
| Weight                      | 1.36 lb        |

### Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations



H = Protrusion length  
GL = Thread length  
AG = Thread size  
SW = Width across flats

We reserve the right to make alterations to the technical data, dimensions, weights, designs and products available without notice. The illustrations cannot be considered binding.