

# Installation Equipment and Accessories

Cable gland Plastic with

Strain relief

HSK-K-MZ-Ex Art. No. 106077



- Plastic 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 HSKA



HSK-K-MZ-Ex series cable glands have been designed for mobile equipment with movable connection lines. They are made from plastic, 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 eb 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 eb 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 | -20 °C ... +70 °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                                 |
| Material                  | Polyamide / Aluminium               |
| Silicone-free             | Yes                                 |
| Clamping range            | 22 – 32 mm                          |
| Armouring type            | Unarmoured cable types              |
| Clamping range            | 22 ... 32 mm                        |

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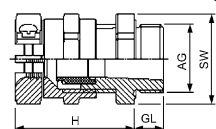
Strain relief

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## Mechanical Data

|                             |         |
|-----------------------------|---------|
| Width across corners        | 61.2 mm |
| Width across flats          | 53 mm   |
| Thread size                 | M40     |
| Thread length               | 13 mm   |
| Thread pitch                | 1,5 mm  |
| Protrusion length           | 58 mm   |
| Impact strength (IEC 60079) | 7 J     |
| Lot size                    | 1       |
| Weight                      | 104 g   |
| Weight                      | 0.23 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.