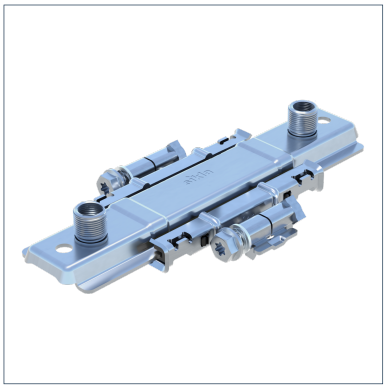
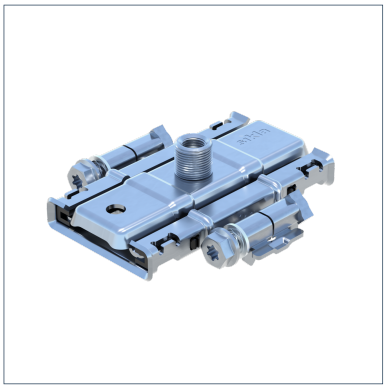
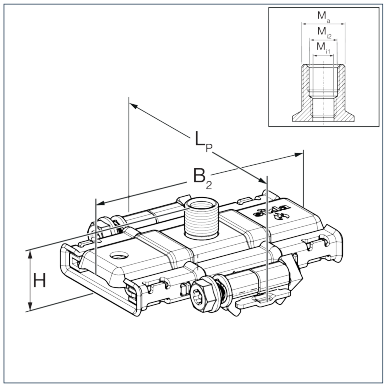
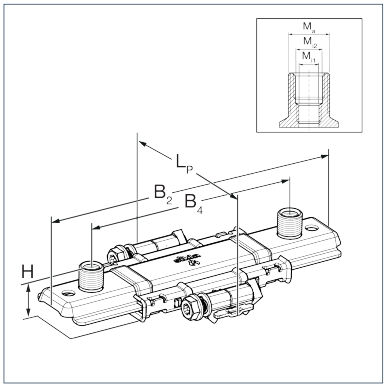
# Slide Set GS H3G-PL 46 HCP








## General Information

Slide Set for single and double guided brackets on siMetrix Profile PRO 46, or directly to the structure. Connection options vary on the load, using either the 3G thread: M10, M16 and 1/2'.

## Installation

For supported installations from DN 100 upwards, a locking nut must be mounted on the 3G triple thread nut for both Slide Sets.

Tightening torque siMetrix screws: 15 Nm

## Temperature

| | |
|---|---|
| Permissible long-term temperature | 130 °C |

## Mechanical Properties

| | |
|---|---|
| Static friction µ0 | 0,07 |

## Material Properties

| | |
|---|---|
| Halogen-free | 0 |
| UV-resistant | 0 |

## Material

| | |
|---|---|
| Primary element material | steel |
| Sliding element material | PA GF MoS2-coated |
| Surface finish | HCP |
| Corrosion protection class | C4 |

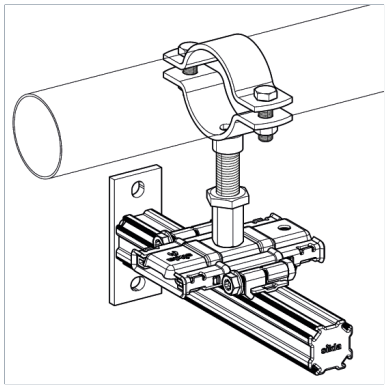
## Forces

| Type | -V{Z,perm.} | V{Z,perm.} |
|---|---|---|
| GS H3G-PL 46 HCP | 3.45 kN | 11.03 kN |
| GS H3G2-PL 46 HCP | 3.45 kN | 11.03 kN |

## Moments

| Type | -M{X,perm.} | M{X,perm.} |
|---|---|---|
| GS H3G-PL 46 HCP | 0.13 kNm | 0.13 kNm |
| GS H3G2-PL 46 HCP | 0.13 kNm | 0.13 kNm |

# Slide Set GS H3G-PL 46 HCP



## Types

| Type | Max. lever arm | Max. slide path | Thread connection | Weight | Quantity | Part number |
|---|---|---|---|---|---|---|
| GS H3G-PL 46 HCP | 500.00 mm | 100.00 mm | M10/M16/1/2" | 0.630 kg/ pcs. | 10 pcs. | 803868 |
| GS H3G2-PL 46 HCP | 500.00 mm | 140.00 mm | M10/M16/1/2" | 0.870 kg/ pcs. | 10 pcs. | 803869 |

## Dimensions

| Type | B2 | B4 | H | LP | Mi1 | Mi2 | Ma |
|---|---|---|---|---|---|---|---|
| GS H3G-PL 46 HCP | 155.5 mm | 200 mm | 43 mm | 138 mm | M10 | M16 | 1/2" |
| GS H3G2-PL 46 HCP | 280.5 mm | 200 mm | 43 mm | 138 mm | M10 | M16 | 1/2" |

## Certification