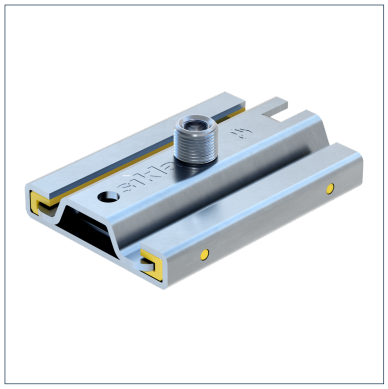
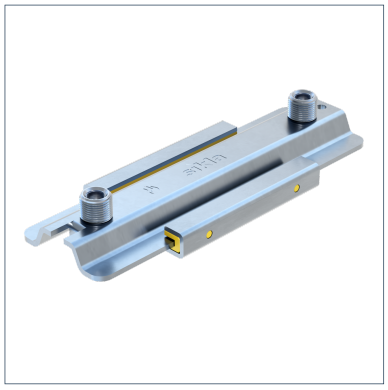
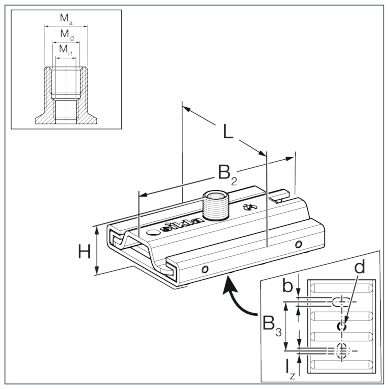
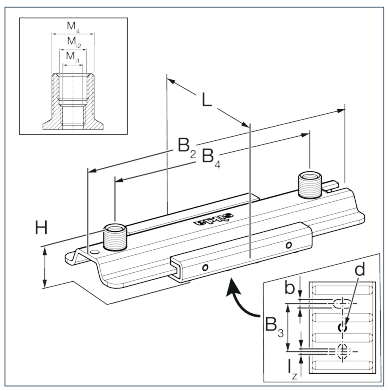
# Slide Set GS H3G








## General Information

Heavy-duty Slide Set for plant construction. To be used preferably in combination with Sikla Pipe Clamp Stabil D-3G and Chilled Water Clamp SKS Top-2C. Various connection options of the pipe clamps depending on the respective load: M12, M16 or with 1/2' adapters using the external thread (see Adapter AD f/f). Sound absorption by means of glass fibre reinforced polyamide slide rails. Especially suitable for ceiling and floor mounting solutions and as a guide for rising pipes. For wall mounting, we recommend the use of the Slide Set H3G on Sikla Support Bracket.

## Installation

For pipes of DN 100 or larger having to be spaced at a distance from the Slide Set, or under conditions of reversed bending stress, the 3G triple thread nuts are to be secured by screwing on a 1/2' Locking Nut.

## Temperature

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

## Mechanical Properties

| | |
|---|---|
| Static friction µ0 | 0,18 |

## Material Properties

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

## Material

| | |
|---|---|
| Primary element material | steel |
| Sliding element material | PA GF |
| Surface finish | electro galvanized (Fe//Zn) |
| Corrosion protection class | C2 |

## Forces

| Type | -V{Z,perm.} | V{Z,perm.} |
|---|---|---|
| GS H3G | 5.00 kN | 9.00 kN |
| GS H3G2 | 5.00 kN | 9.00 kN |

## Moments

| Type | M{X,perm.} |
|---|---|
| GS H3G2 | 0.35 kNm |

### Note on loadings

The permissible bending moment of the connecting element (threaded rod or threaded tube) may restrict the application!

### Fire resistance

| Type | Fire Resistance 30 min | Fire Resistance 60 min | Fire Resistance 90 min | Fire Resistance 120 min |
|---|---|---|---|---|
| GS H3G | 1 kN | 0.54 kN | 0.36 kN | 0.26 kN |
| GS H3G2 | 1 kN | 0.54 kN | 0.36 kN | 0.26 kN |

### Types

| Type | Max. lever arm | Max. slide path | Thread connection | Weight | Quantity | Part number |
|---|---|---|---|---|---|---|
| GS H3G | 250.00 mm | 100.00 mm | M12/M16/1/2" | 1.161 kg/pcs. | 10 pcs. | 149295 |
| GS H3G2 | 250.00 mm | 135.00 mm | M12/M16/1/2" | 1.581 kg/pcs. | 10 pcs. | 126700 |

### Dimensions

| Type | b | B2 | B3 | B4 | d | H | L | Iz | Mi1 | Mi2 | Ma |
|---|---|---|---|---|---|---|---|---|---|---|---|
| GS H3G | 13 mm | 150 mm | 73 mm | | 13 mm | 49.5 mm | 102 mm | 10 mm | M12 | M16 | 1/2" |
| GS H3G2 | 13 mm | 275 mm | 73 mm | 210 mm | 13 mm | 49.5 mm | 102 mm | 10 mm | M12 | M16 | 1/2" |

### Certification

### Documents

Installation - Slide Set GS H3G