

## MK Clamping Element

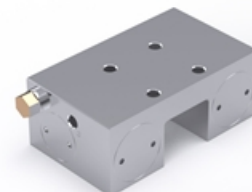
Pneumatic Clamping element, designed to be used for holding a position when using Linear Rail Guides. Energize to close (NO).

More types are available, contact Rollco for further information.

Compatible with Linear Rail SBI only.

Dimensions in mm.

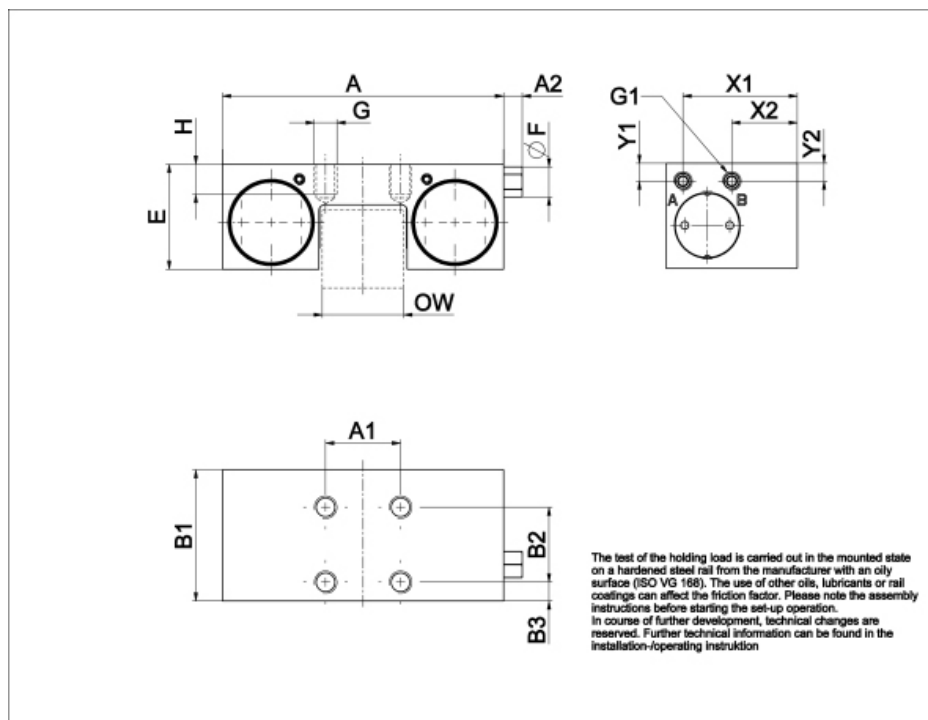
**Temperature:** -10 - 70°C



## General Data

| Designation    | Compatible with | Fixing force (N) | Operating pressure (bar) | Max. Operating Pressure (bar) | Installation way |
|----------------|-----------------|------------------|--------------------------|-------------------------------|------------------|
| <b>MK1501A</b> | SBI15, SBI15-B  | 650              | 6                        | 6.5                           | from above       |
| <b>MK2001A</b> | SBI20, SBI20-B  | 1000             | 6                        | 6.5                           | from above       |
| <b>MK2501A</b> | SBI25, SBI25-B  | 1200             | 6                        | 6.5                           | from above       |
| <b>MK3001A</b> | SBI30, SBI30-B  | 1750             | 6                        | 6.5                           | from above       |
| <b>MK3501A</b> | SBI35, SBI35-B  | 2000             | 6                        | 6.5                           | from above       |
| <b>MK4501A</b> | SBI45, SBI45-B  | 2250             | 6                        | 6.5                           | from above       |
| <b>MK5501A</b> | SBI55, SBI55-B  | 2250             | 6                        | 6.5                           | from above       |
| <b>MK6501A</b> | SBI65, SBI65-B  | 2250             | 6                        | 6.5                           | from above       |

## Dimensions



| Designation | OW | D  | T | A   | C    | X  | E    | A1 | A2 |
|-------------|----|----|---|-----|------|----|------|----|----|
| MK1501A     | 15 | 24 | 0 | 55  | 2.5  | 24 | 21.5 | 15 | 5  |
| MK2001A     | 20 | 28 | 0 | 66  | 2.5  | 28 | 25.5 | 20 | 6  |
| MK2501A     | 23 | 36 | 2 | 75  | 6    | 34 | 28   | 20 | 5  |
| MK3001A     | 28 | 45 | 3 | 90  | 7    | 42 | 35   | 22 | 5  |
| MK3501A     | 34 | 48 | 4 | 100 | 7.5  | 44 | 36.5 | 24 | 5  |
| MK4501A     | 45 | 60 | 6 | 120 | 10.5 | 54 | 43.5 | 26 | 5  |
| MK5501A     | 53 | 70 | 6 | 128 | 15.5 | 64 | 48.5 | 30 | 5  |
| MK6501A     | 63 | 90 | 0 | 138 | 27   | 90 | 63   | 30 | 5  |

| Designation | B1 | B2 | B3   | G   | H   | F | W1 (SW air filter) | G1 (air connection) | X1 (air filter horizontal / mm) | Y1 (air filter vertical / mm) |
|-------------|----|----|------|-----|-----|---|--------------------|---------------------|---------------------------------|-------------------------------|
| MK1501A     | 39 | 15 | 15.5 | M4  | 4.5 | 8 | 7                  | M5                  | 34                              | 17                            |
| MK2001A     | 39 | 20 | 5    | M5  | 5.5 | 8 | 7                  | M5                  | 34                              | 6                             |
| MK2501A     | 35 | 20 | 5    | M6  | 8   | 8 | 7                  | M5                  | 34                              | 4.7                           |
| MK3001A     | 39 | 22 | 8.5  | M8  | 10  | 8 | 7                  | M5                  | 24.5                            | 5.2                           |
| MK3501A     | 39 | 24 | 7.5  | M8  | 10  | 8 | 7                  | M5                  | 20                              | 5.2                           |
| MK4501A     | 49 | 26 | 11.5 | M10 | 15  | 8 | 7                  | M5                  | 29.5                            | 11                            |
| MK5501A     | 49 | 30 | 9.5  | M10 | 18  | 8 | 7                  | M5                  | 29.5                            | 14.5                          |
| MK6501A     | 49 | 30 | 9.5  | M10 | 15  | 5 | 7                  | M5                  | 37                              | 32                            |

| Designation | X2 (air connection horizontal / mm) | Y2 (air connection vertical / mm) |
|-------------|-------------------------------------|-----------------------------------|
| MK1501A     | 34                                  | 6.1                               |

## Dimensions

| Designation    | X2 (air connection horizontal / mm) | Y2 (air connection vertical / mm) |
|----------------|-------------------------------------|-----------------------------------|
| <b>MK2001A</b> | 17.1                                | 6                                 |
| <b>MK2501A</b> | 17.5                                | 4.7                               |
| <b>MK3001A</b> | 14.5                                | 5.2                               |
| <b>MK3501A</b> | 9                                   | 5.2                               |
| <b>MK4501A</b> | 19.5                                | 11                                |
| <b>MK5501A</b> | 19.5                                | 14.5                              |
| <b>MK6501A</b> | 20                                  | 30                                |