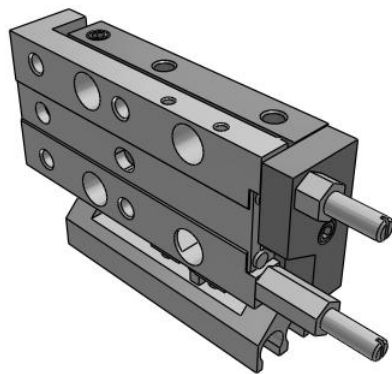


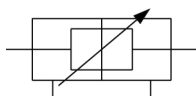


## MXJ, Miniature High Precision Slide Table (ø4.5, ø6, ø8) MXJ4-10C

### Datasheet

### General series information

- Strokes up to 20 mm.
- Front and top mounting.
- Travelling parallelism: 0.005 mm.
- Clean room specification available.
- Operating pressure range: 0.15 to 0.7 MPa.



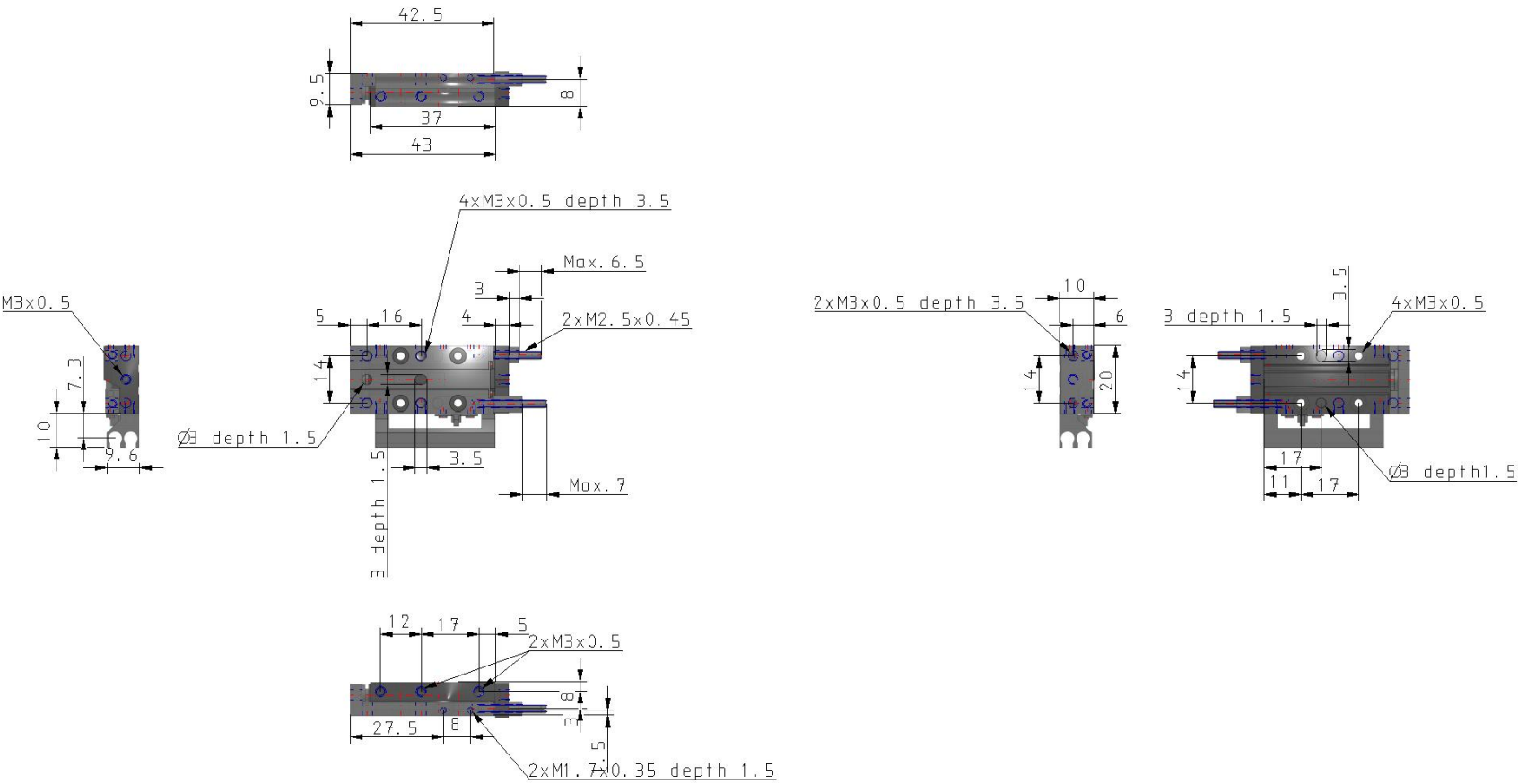
*Double-acting cylinder with cushioning  
adjustable at both ends, double piston rod*

### Standard specifications

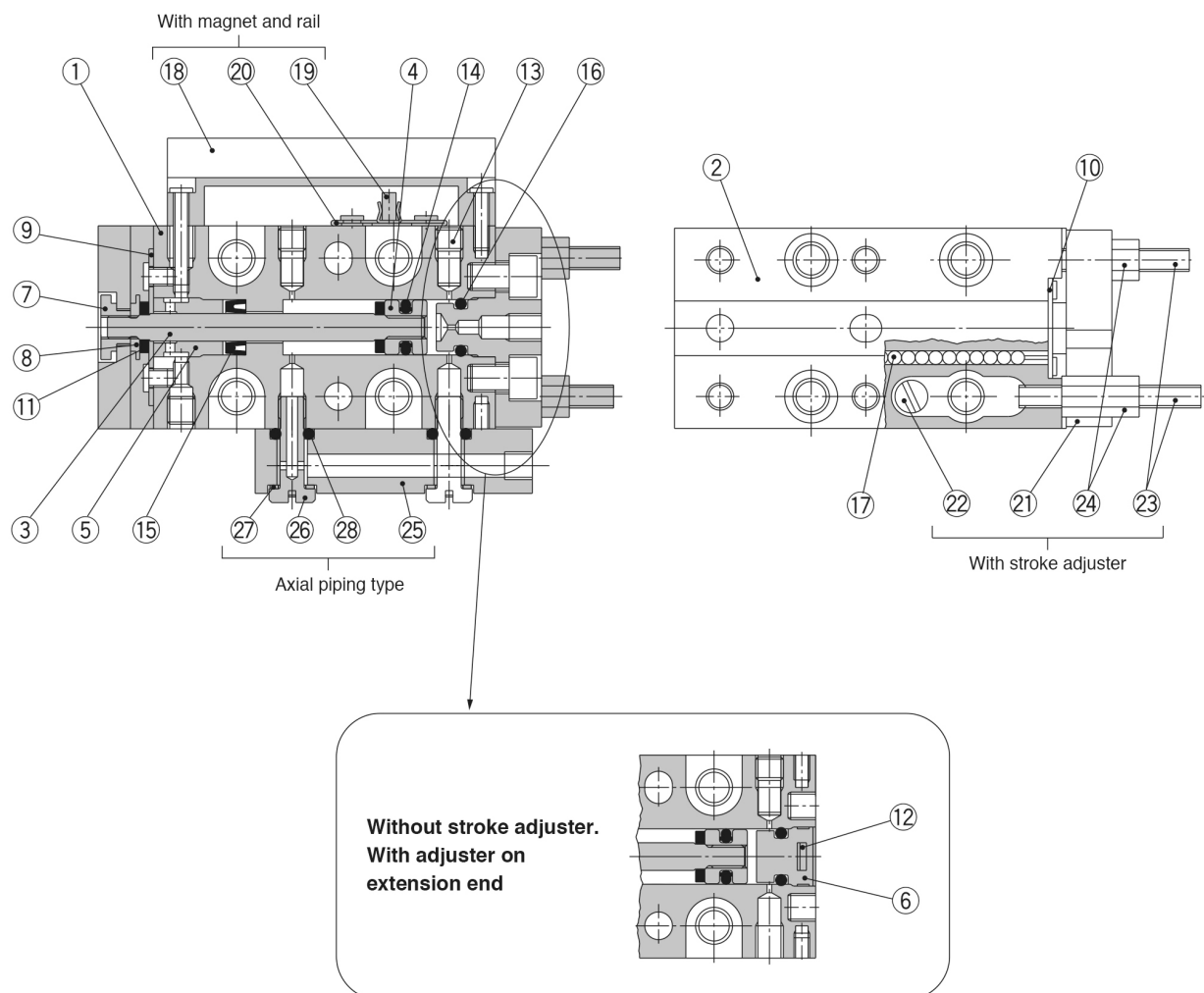
|                                        |                                              |
|----------------------------------------|----------------------------------------------|
| Bore Size                              | 4.5 mm                                       |
| Switch Rail                            | w/Magnet & Switch Rail                       |
| Function                               | w/o Axial Piping                             |
| Stroke                                 | 10mm                                         |
| Lead Wire or Prewired Connector        | 0.5m (Or None in the Case of No Auto Switch) |
| Number                                 | 2 pcs. (Or None in the Case of No Switch)    |
| Symmetric Type                         | Standard                                     |
| Adjuster                               | C (Metal Stopper Both Ends)                  |
| Specification                          | Standard Type (Not Clean Room)               |
| Auto Switch                            | No Switch                                    |
| Maximum operating pressure             | 0.7 MPa                                      |
| F007-MIN_OP_PRESSURE                   | 0.15 MPa                                     |
| Proof pressure                         | 1.05 MPa                                     |
| Maximum ambient temperature            | 60 °C                                        |
| Minimum ambient temperature            | -10 °C                                       |
| Conform to the European RoHS Directive | Conform                                      |
| Maximum piston speed                   | 200 mm/s                                     |
| Minimum piston speed                   | 50 mm/s                                      |

|                         |               |
|-------------------------|---------------|
| Port size               | M3            |
| Lubrication             | Non-Lube      |
| Circulating fluid       | Air           |
| Stroke length tolerance | + 1~0 mm      |
| Action                  | Double Acting |
| Weight                  | 0.026 Kg      |

Dimensions



## Constructions



### Component Parts

| No. | Description        | Material                         | Note                      |
|-----|--------------------|----------------------------------|---------------------------|
| 1   | Body               | Martensitic stainless steel      | Heat treated              |
| 2   | Table              | Martensitic stainless steel      | Heat treated              |
| 3   | Rod                | Stainless steel                  |                           |
| 4   | Piston             | Brass                            | Electroless nickel plated |
| 5   | Rod cover          | Resin                            |                           |
| 6   | Head cap           | Resin                            |                           |
| 7   | Floating bushing A | Stainless steel                  |                           |
| 8   | Floating bushing B | Stainless steel                  |                           |
| 9   | Roller stopper A   | Stainless steel                  |                           |
| 10  | Roller stopper B   | Stainless steel                  |                           |
| 11  | Rod bumper         | Polyurethane                     |                           |
| 12  | Plate              | Stainless steel                  |                           |
| 13  | Plug               | Steel + Fluorine                 | Nickel plated             |
| 14  | Piston seal        | NBR                              |                           |
| 15  | Rod seal           | NBR                              |                           |
| 16  | O-ring             | NBR                              |                           |
| 17  | Steel balls        | High carbon chrome bearing steel |                           |

Note) Use caution because the martensitic stainless steel is inferior in corrosiveness when compared with austenitic stainless steel.

## Additional information

Catalogue

[MXJ-B\\_EU.pdf](#)