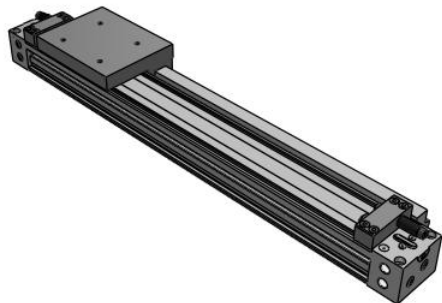


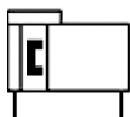


## MY1H-Z, Mechanically Jointed Rodless Cylinder, Linear Guide Type, w/Low Load Shock Absorber & Adjustment Bolt, Series L MY1H25G-300LZ

Datasheet

### General series information

- Series L: w/Low Load Shock Absorber & Adjustment Bolt.

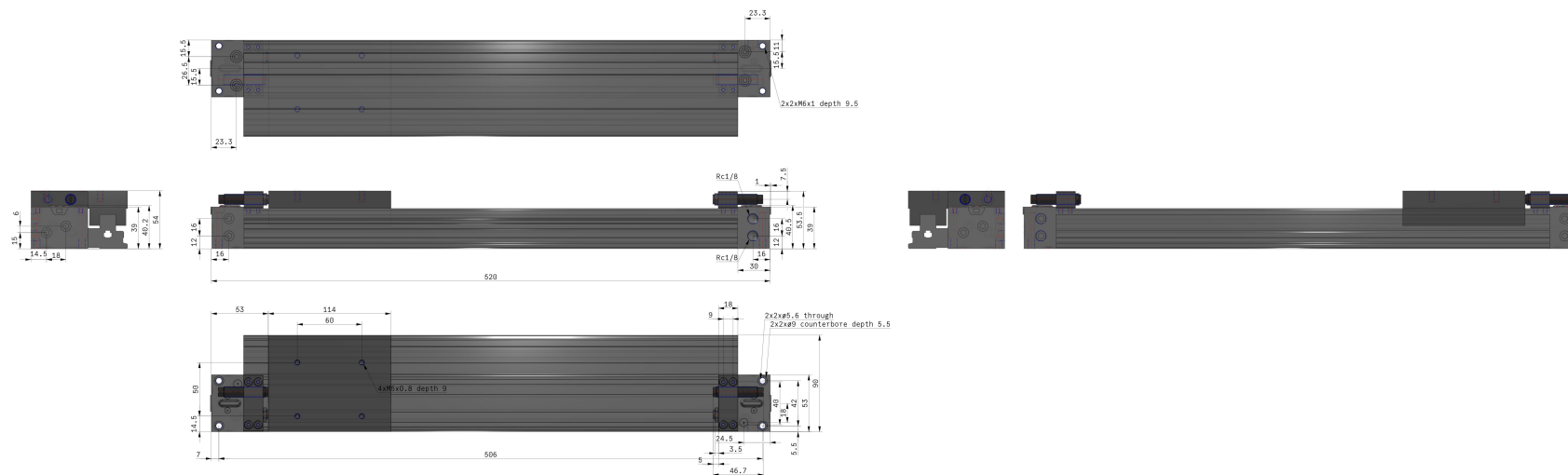


Mechanically Jointed Rodless Cylinder

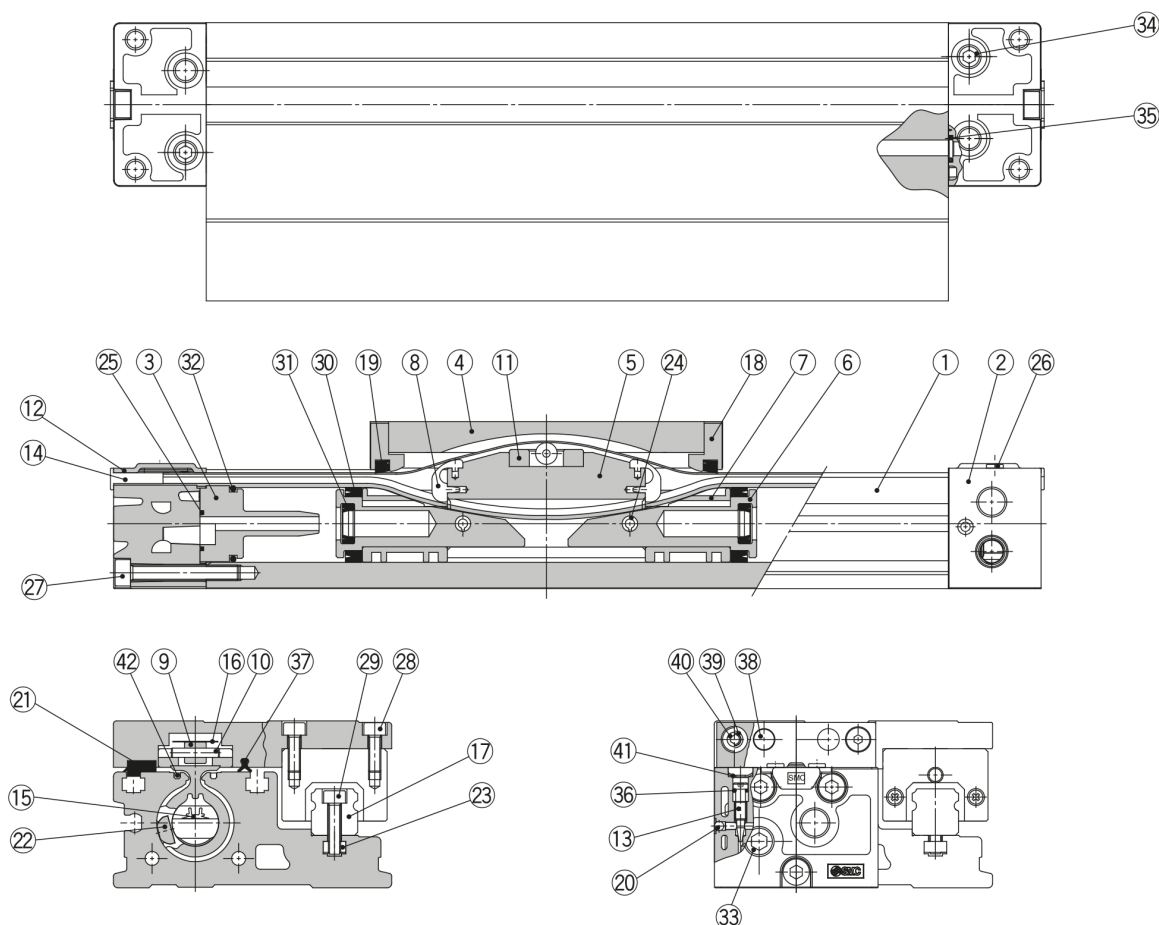
### Standard specifications

|                                                    |                                                                                                           |
|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| Bore Size                                          | 25 mm                                                                                                     |
| Thread                                             | Rc                                                                                                        |
| Piping                                             | G (Centralized Piping Type)                                                                               |
| Stroke                                             | 300                                                                                                       |
| Stroke Adjustment Unit                             | L (Left: w/Low Load Shock Absorber & Adjustment Bolt; Right: w/Low Load Shock Absorber & Adjustment Bolt) |
| End Lock                                           | w/o End Lock                                                                                              |
| Auto Switch                                        | No Switch                                                                                                 |
| Lead Wire or Prewired Connector                    | 0.5m (Or None in the Case of No Switch)                                                                   |
| Number                                             | 2 pcs. (Or None in the Case of No Switch)                                                                 |
| Made to Order                                      | None                                                                                                      |
| Pressure medium                                    | Compressed air                                                                                            |
| Maximum temperature of pressure medium             | 60 °C                                                                                                     |
| Maximum temperature of pressure medium with magnet | 60 °C                                                                                                     |
| Minimum temperature of pressure medium             | 5 °C                                                                                                      |
| Minimum temperature of pressure medium with magnet | 5 °C                                                                                                      |
| Maximum operating pressure                         | 0.8 Mpa                                                                                                   |
| Minimum operating pressure                         | 0.1 MPa                                                                                                   |
| Proof pressure                                     | 1.2 MPa                                                                                                   |
| Maximum ambient temperature                        | 60 °C                                                                                                     |
| Maximum ambient temperature with magnet            | 60 °C                                                                                                     |
| Minimum ambient temperature                        | 5 °C                                                                                                      |

|                                                         |               |
|---------------------------------------------------------|---------------|
| Minimum ambient temperature with magnet                 | 5 °C          |
| Pneumatic input connection                              | R 1/8         |
| Mode of operation of drive single                       | Double Acting |
| Theoretical cylinder force, advance stroke (at 0.5 MPa) | 245 N         |
| Maximum piston speed                                    | 1000 mm/s     |
| Type of cushioning                                      | Air Cushion   |
| Number of pneumatic connections                         | 2 pcs.        |
| Usable tubing material                                  | PU            |
| Weight                                                  | 3.970 Kg      |



## Constructions



### Component Parts

| No. | Description                      | Material                  | Note                                    |
|-----|----------------------------------|---------------------------|-----------------------------------------|
| 1   | Cylinder tube                    | Aluminium alloy           | Hard anodised                           |
| 2   | Head cover                       | Aluminium alloy           | Painted                                 |
| 3   | Cushion boss                     | Special resin             |                                         |
| 4   | Slide table                      | Aluminium alloy           | Hard anodised                           |
| 5   | Piston yoke                      | Aluminium alloy           | Chromated                               |
| 6   | Piston                           | Aluminium alloy           | Chromated                               |
| 7   | Wear ring                        | Special resin             |                                         |
| 8   | Belt separator                   | Special resin             |                                         |
| 9   | Guide roller                     | Special resin             |                                         |
| 10  | Parallel pin                     | Stainless steel           |                                         |
| 11  | Coupler                          | Sintered iron material    |                                         |
| 12  | Head plate                       | Stainless steel           |                                         |
| 13  | Cushion needle                   | Rolled steel              | Nickel plated                           |
| 14  | Belt clamp                       | Special resin             |                                         |
| 17  | Guide                            | —                         |                                         |
| 18  | End cover                        | Special resin             |                                         |
| 20  | Steel ball                       | Carbon tool steel         |                                         |
| 21  | Bearing                          | Special resin             |                                         |
| 22  | Magnet                           | Rare earth magnet         |                                         |
| 23  | Square nut                       | Carbon steel              | Chromated                               |
| 24  | Spring pin                       | Bearing steel             | Black zinc chromated                    |
| 26  | Thin head screw                  | Chromium molybdenum steel | Chromated                               |
| 27  | Hexagon socket head cap screw    | Chromium molybdenum steel | Chromated                               |
| 28  | Hexagon socket head cap screw    | Chromium molybdenum steel | Chromated                               |
| 29  | Hexagon socket head cap screw    | Chromium molybdenum steel | Chromated                               |
| 33  | Hexagon socket head taper plug   | Carbon steel              | Chromated (Centralised piping: 10 pcs.) |
| 34  | Hexagon socket head taper plug   | Carbon steel              | Chromated (Centralised piping: 4 pcs.)  |
| 38  | Stopper                          | Carbon steel              |                                         |
| 39  | Spacer                           | Stainless steel           |                                         |
| 40  | Hexagon socket button head screw | Chromium molybdenum steel | Chromated                               |
| 41  | CR retaining ring                | Spring steel              |                                         |
| 42  | Seal magnet                      | Rubber magnet             |                                         |

## Additional information

Catalogue

[MY1H-A\\_EU.pdf](#)

Operation manuals

[OM\\_MY1\\_OM0009QEN.pdf](#)