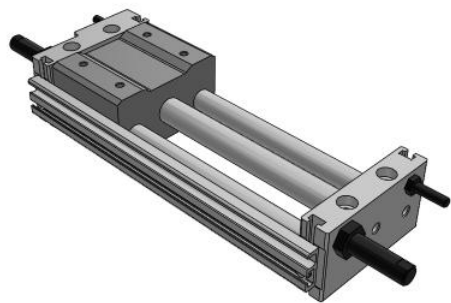




## CY1S-Z, Magnetically Coupled Rodless Cylinder, Slide Bearing CY1SG10-100BZ

### Datasheet

### General series information

- Slider style: slide bearing
- Bore sizes: 6, 10, 15, 20, 25, 32 and 40 (mm)
- Strokes from 15mm through 1500mm
- Improved auto switch mounting
- 3 options available for stroke adjustment
- Available with shock absorbers



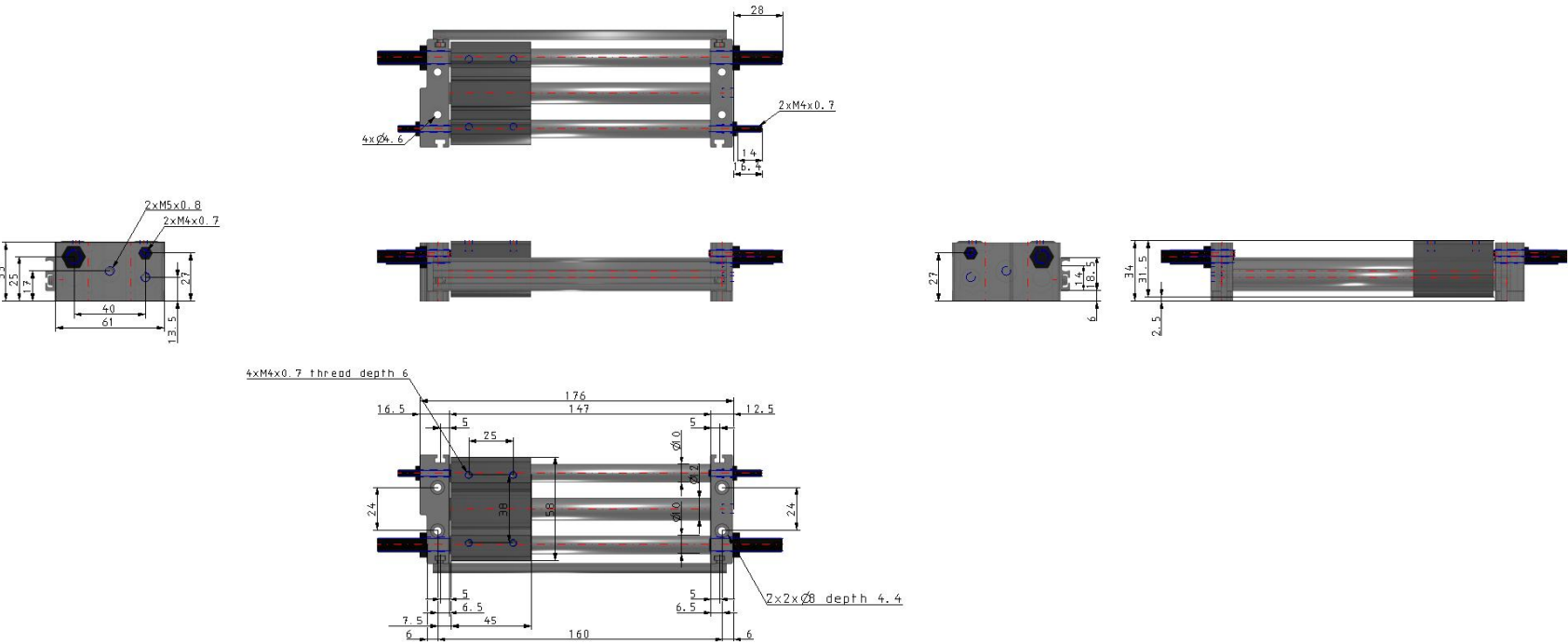
*Magnetically coupled rodless cylinder*

### Standard specifications

|                                        |                                                                         |
|----------------------------------------|-------------------------------------------------------------------------|
| Piping                                 | G (Centralized Piping Type)                                             |
| Bore Size                              | 10 mm                                                                   |
| Port Thread                            | M Thread: Bore 6-15; Rc: Bore 20-40                                     |
| Stroke                                 | 100                                                                     |
| Stopper Type                           | B [Shock Absorber/Adjustment Bolt [Metal Ended], Mounted on Both Sides] |
| Auto Switch                            | No Switch                                                               |
| Lead Wire or Pre-wired Connector       | 0.5 m (Or None in the Case of No Switch)                                |
| Number                                 | 2 pcs. (Or None in Case of No Switch)                                   |
| Pressure medium                        | Compressed air                                                          |
| Maximum temperature of pressure medium | 60 °C                                                                   |
| Minimum temperature of pressure medium | -10 °C                                                                  |
| Maximum operating pressure             | 0.7 MPa                                                                 |
| Minimum operating pressure             | 0.18 MPa                                                                |
| Proof pressure                         | 1.05 MPa                                                                |
| Maximum ambient temperature            | 60 °C                                                                   |
| Minimum ambient temperature            | -10 °C                                                                  |

|                                   |               |
|-----------------------------------|---------------|
| Number of pneumatic connections   | 2 pcs.        |
| Pneumatic input connection        | M5 x 0.8      |
| Mode of operation of drive        | Double acting |
| Maximum piston speed              | 400 mm/s      |
| Type of cushioning                | Rubber Bumper |
| Maximum stroke reduction per side | 6 mm          |
| Max. Allowable Thrust             | 245 N         |
| F124- Max-operating-frequency     | 80 cycle/min  |
| Max. Absorbed Energy              | 245 J         |
| Weight                            | 0.612 Kg      |

Dimensions



## Additional information

Catalogue

[CY1-Z-A\\_EU.pdf](#)