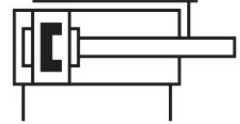


# Mini slide SLS-10-30-P-A

Part number: 170496

FESTO



[PDF](#) General operating condition

## Data sheet

| Feature                                  | Value                                                              |
|------------------------------------------|--------------------------------------------------------------------|
| Stroke                                   | 30 mm                                                              |
| Piston diameter                          | 10 mm                                                              |
| Drive unit operating mode                | Yoke                                                               |
| Cushioning                               | Elastic cushioning rings/pads at both ends                         |
| Mounting position                        | Any                                                                |
| Guide                                    | Ball bearing cage guide                                            |
| Structural design                        | Yoke<br>Piston<br>Piston rod<br>Ball roller guide<br>Slide         |
| Position sensing                         | For proximity sensor                                               |
| Symbol                                   | 00991737                                                           |
| Operating pressure                       | 0.1 MPa ... 1 MPa                                                  |
| Operating pressure                       | 1 bar ... 10 bar                                                   |
| Operating pressure                       | 14.5 psi ... 145 psi                                               |
| Mode of operation                        | Double-acting                                                      |
| Operating medium                         | Compressed air as per ISO 8573-1:2010 [7:4:4]                      |
| Information on operating and pilot media | Operation with oil lubrication possible (required for further use) |
| Corrosion resistance class (CRC)         | 0 - No corrosion stress                                            |
| LABS (PWIS) conformity                   | VDMA24364-B2-L                                                     |
| Ambient temperature                      | -20 °C ... 60 °C                                                   |
| Impact energy in the end positions       | 0.05 J                                                             |
| Max. force F <sub>y</sub>                | 130 N                                                              |
| Max. force F <sub>z</sub>                | 130 N                                                              |
| Max. torque M <sub>x</sub>               | 1.1 Nm                                                             |
| Max. torque M <sub>y</sub>               | 1.1 Nm                                                             |
| Max. torque M <sub>z</sub>               | 0.7 Nm                                                             |
| Theoretical force at 6 bar, retracting   | 39 N                                                               |
| Theoretical force at 6 bar, advancing    | 47 N                                                               |
| Moving mass                              | 62 g                                                               |
| Product weight                           | 191 g                                                              |
| Alternative connections                  | See product drawing                                                |
| Type of mounting                         | With through-hole                                                  |
| Pneumatic connection                     | M5                                                                 |
| Note on materials                        | RoHS-compliant                                                     |
| Cover material                           | Wrought aluminum alloy, anodized                                   |

| Feature          | Value                      |
|------------------|----------------------------|
| Guide material   | Steel                      |
| Housing material | High-alloy stainless steel |