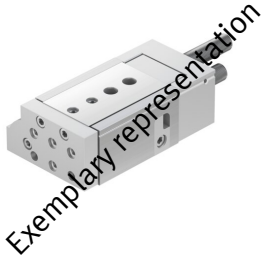


# Mini slide DGSL-25- -

Part number: 543909

FESTO



 General operating condition

## Data sheet

Overall data sheet – Individual values depend upon your configuration.

| Feature                                  | Value                                                                                                                                                                                                                                                                                                                           |
|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Stroke                                   | 10 mm ... 200 mm                                                                                                                                                                                                                                                                                                                |
| Piston diameter                          | 32 mm                                                                                                                                                                                                                                                                                                                           |
| Drive unit operating mode                | Yoke                                                                                                                                                                                                                                                                                                                            |
| Cushioning                               | Short elastic cushioning rings/pads at both ends<br>No cushioning<br>Elastic cushioning rings/pads at both ends<br>Elastic cushioning rings/pads at both ends with fixed stop<br>Self- adjusting pneumatic shock absorber, progressive at both ends, with reducing sleeve<br>Progressive pneumatic shock absorbers at both ends |
| Mounting position                        | Any                                                                                                                                                                                                                                                                                                                             |
| Guide                                    | Ball bearing cage guide                                                                                                                                                                                                                                                                                                         |
| Structural design                        | Yoke<br>Piston<br>Piston rod<br>Slide                                                                                                                                                                                                                                                                                           |
| Position sensing                         | For proximity sensor                                                                                                                                                                                                                                                                                                            |
| Operating pressure                       | 0.1 MPa ... 0.8 MPa                                                                                                                                                                                                                                                                                                             |
| Operating pressure                       | 1 bar ... 8 bar                                                                                                                                                                                                                                                                                                                 |
| Max. speed                               | 0.8 m/s                                                                                                                                                                                                                                                                                                                         |
| 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-B1/B2-L                                                                                                                                                                                                                                                                                                               |
| Cleanroom class                          | Class 7 according to ISO 14644-1                                                                                                                                                                                                                                                                                                |
| Ambient temperature                      | 0 °C ... 60 °C                                                                                                                                                                                                                                                                                                                  |
| Theoretical force at 6 bar, retracting   | 415 N                                                                                                                                                                                                                                                                                                                           |
| Theoretical force at 6 bar, advancing    | 483 N                                                                                                                                                                                                                                                                                                                           |
| Alternative connections                  | See product drawing                                                                                                                                                                                                                                                                                                             |
| Type of mounting                         | With through-hole                                                                                                                                                                                                                                                                                                               |
| Pneumatic connection                     | G1/8                                                                                                                                                                                                                                                                                                                            |
| Note on materials                        | RoHS-compliant                                                                                                                                                                                                                                                                                                                  |
| Cover material                           | Wrought aluminum alloy                                                                                                                                                                                                                                                                                                          |
| Seals material                           | HNBR                                                                                                                                                                                                                                                                                                                            |
| Housing material                         | Wrought aluminum alloy                                                                                                                                                                                                                                                                                                          |
| Piston rod material                      | High-alloy stainless steel                                                                                                                                                                                                                                                                                                      |