

# Bellows kit DADB-S1-50-S10-50

Part number: 553481

FESTO



 General operating condition

## Data sheet

| Feature                                            | Value                                                                                                                                                                                                                  |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Outside diameter                                   | 57 mm                                                                                                                                                                                                                  |
| Size                                               | 50                                                                                                                                                                                                                     |
| Stroke range                                       | 10 mm ... 50 mm                                                                                                                                                                                                        |
| Piston rod extension                               | 30 mm                                                                                                                                                                                                                  |
| Design                                             | Round                                                                                                                                                                                                                  |
| Mounting position                                  | optional                                                                                                                                                                                                               |
| Design                                             | Bellows kit<br>With ducted exhaust air                                                                                                                                                                                 |
| Corrosion resistance class CRC                     | 3 - high corrosion stress                                                                                                                                                                                              |
| LABS (PWIS) conformity                             | VDMA24364-B2-L                                                                                                                                                                                                         |
| Suitability for the production of Li-ion batteries | Metals with more than 5% copper, zinc or nickel by mass are excluded from use. Exceptions are nickel in steel, chemically nickel-plated surfaces, printed circuit boards, cables, electrical plug connectors and coils |
| Media resistance                                   | Dust<br>Chips<br>Oils<br>Grease<br>Petrol                                                                                                                                                                              |
| Degree of protection                               | IP54                                                                                                                                                                                                                   |
| Ambient temperature                                | -10 °C ... 80 °C                                                                                                                                                                                                       |
| Product weight                                     | 55 g                                                                                                                                                                                                                   |
| Type of mounting                                   | Via threaded pin<br>Via female thread                                                                                                                                                                                  |
| Pneumatic connection                               | G1/4                                                                                                                                                                                                                   |
| Note on materials                                  | RoHS-compliant                                                                                                                                                                                                         |
| Material adapter components                        | PA-reinforced                                                                                                                                                                                                          |
| Material seals                                     | NBR                                                                                                                                                                                                                    |
| Material bellows                                   | NBR                                                                                                                                                                                                                    |
| Material threaded pin                              | High-alloy stainless steel                                                                                                                                                                                             |