

# Bellows kit DADB-S1-16-S10-50

Part number: 553399

FESTO



 General operating condition

## Data sheet

| Feature                                            | Value                                                                                                                                                                                                                                                           |
|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Outside diameter                                   | 22 mm                                                                                                                                                                                                                                                           |
| Size                                               | 16                                                                                                                                                                                                                                                              |
| Stroke range                                       | 10 mm ... 50 mm                                                                                                                                                                                                                                                 |
| Piston rod extension                               | 23 mm                                                                                                                                                                                                                                                           |
| Design                                             | Round                                                                                                                                                                                                                                                           |
| Mounting position                                  | Any                                                                                                                                                                                                                                                             |
| Structural design                                  | 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 1% by mass of copper are excluded from use. Circuit boards, Lines, electrical push-in connectors and Coils Metals with more than 1% copper as an alloy component are excluded from use. Exceptions are printed circuit boards, cables, el |
| Media resistance                                   | Stäube<br>Chips<br>Oils<br>Grease<br>Petrol                                                                                                                                                                                                                     |
| Ambient temperature                                | -10 °C ... 80 °C                                                                                                                                                                                                                                                |
| Product weight                                     | 7 g                                                                                                                                                                                                                                                             |
| Type of mounting                                   | With threaded pin<br>With internal thread                                                                                                                                                                                                                       |
| Pneumatic connection                               | M5                                                                                                                                                                                                                                                              |
| Note on materials                                  | RoHS-compliant                                                                                                                                                                                                                                                  |
| Adaption parts material                            | PA-reinforced                                                                                                                                                                                                                                                   |
| Seals material                                     | NBR                                                                                                                                                                                                                                                             |
| Bellows material                                   | NBR                                                                                                                                                                                                                                                             |
| Threaded pin material                              | High-alloy stainless steel                                                                                                                                                                                                                                      |