

# Bellows gripper DHEB-12-E-U-E-L

Part number: 1320811

FESTO



 General operating condition

## Data sheet

| Feature                                       | Value  |
|---|--|
| Size  | 12   |
| Stroke of bellows                             | 5.5 mm   |
| Min. diameter to be gripped                   | 13 mm  |
| Max. diameter to be gripped                   | 17 mm  |
| Mounting position                             | Any  |
| Mode of operation                             | Single-acting<br>Closed  |
| Gripper function                              | Adaptive   |
| Structural design                             | Contracting diaphragm<br>Positively driven motion sequence         |
| Guide   | Basic guide  |
| Position sensing                              | None   |
| Operating pressure                            | 5 bar ... 8 bar  |
| Resetting pressure                            | <1 bar   |
| Max. operating frequency of pneumatic gripper | ≤4 Hz  |
| Min. opening time at 6 bar                    | 20 ms  |
| Min. closing time at 6 bar                    | 40 ms  |
| 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)              | 2 - Moderate corrosion stress                                      |
| LABS (PWIS) conformity                        | VDMA24364 Zone III   |
| Ambient temperature                           | 5 °C ... 60 °C   |
| Average replacement interval for the bellows  | 0.5 MioCyc   |
| Guide value for payload                       | 0.12 kg  |
| Product weight                                | 18 g   |
| Type of mounting                              | With external thread<br>With locknut                               |
| Pneumatic connection                          | M5   |
| Note on materials                             | RoHS compliant   |
| Bellows material                              | EPDM   |
| Housing material                              | Aluminum<br>Anodized   |