

# Bellow gripper DHEB-12-E-U-E-P

Part number: 1320833

FESTO



 General operating condition

## Data sheet

| Feature                                      | Value  |
|--|--|
| Size   | 12   |
| Stroke of bellows                            | 5.5 mm   |
| Min. $\varnothing$ to be gripped             | 13 mm  |
| Max. $\varnothing$ to be gripped             | 17 mm  |
| Mounting position                            | optional   |
| Mode of operation                            | Single-acting<br>Closed  |
| Gripper function                             | Adaptive   |
| Design                                       | Contracting diaphragm<br>Force pilot operated motion sequence                              |
| Guide  | Basic guide  |
| Position detection                           | Without  |
| Operating pressure                           | 5 bar ... 8 bar  |
| Reset pressure                               | <1 bar   |
| Max. operating frequency of gripper          | $\leq 4$ Hz  |
| Min. opening time at 0.6 MPa (6 bar, 87 psi) | 20 ms  |
| Min. closing time at 0.6 MPa (6 bar, 87 psi) | 40 ms  |
| Operating medium                             | Compressed air to ISO 8573-1:2010 [7:4:4]  |
| Note on operating and pilot medium           | Lubricated operation possible (in which case lubricated operation will always be required) |
| 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 effective load               | 0.12 kg  |
| Product weight                               | 18 g   |
| Type of mounting                             | Via male thread<br>Via lock nut  |
| Pneumatic connection                         | M3   |
| Note on materials                            | RoHS-compliant   |
| Material bellows                             | EPDM   |
| Material housing                             | Aluminium<br>Anodised  |