

# Bellow gripper DHEB-41-E-D-E-L

Part number: 1320773

FESTO



 [General operating condition](#)

## Data sheet

| Feature                                      | Value  |
|--|--|
| Size   | 41   |
| Stroke of bellows                            | 15.5 mm  |
| Min. ø to be gripped                         | 42 mm  |
| Max. ø to be gripped                         | 54 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                           | Via proximity switch   |
| Operating pressure                           | 4 bar ... 8 bar  |
| Reset pressure                               | <1 bar   |
| Max. operating frequency of gripper          | ≤4 Hz  |
| Min. opening time at 0.6 MPa (6 bar, 87 psi) | 30 ms  |
| Min. closing time at 0.6 MPa (6 bar, 87 psi) | 70 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               | 1.2 kg   |
| Product weight                               | 280 g  |
| Type of mounting                             | Either:<br>Via male thread<br>Via lock nut   |
| Pneumatic connection                         | G1/8   |
| Note on materials                            | RoHS-compliant   |
| Material bellows                             | EPDM   |
| Material housing                             | Aluminium<br>Anodised  |