

Bellow gripper DHEB-51-E-U-E-L

Part number: 1320818

FESTO



Data sheet

| Feature | Value |
|--|--|
| Size | 51 |
| Stroke of bellows | 18 mm |
| Min. \varnothing to be gripped | 54 mm |
| Max. \varnothing to be gripped | 68 mm |
| Mounting position | optional |
| Mode of operation | Single-acting Closed |
| Gripper function | Adaptive |
| Design | Contracting diaphragm 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 | 2.5 kg |
| Product weight | 500 g |
| Type of mounting | Either: Via male thread Via lock nut |
| Pneumatic connection | G1/8 |
| Note on materials | RoHS-compliant |
| Material bellows | EPDM |

| Feature | Value |
|------------------|-----------------------|
| Material housing | Aluminium Anodised |