# Bellows gripper
# DHEB-51-E-U-E-L

Part number: 1320818



## Data sheet

| Feature | Value |
|---|---|
| Size | 51 |
| Stroke of bellows | 18 mm |
| Min. diameter to be gripped | 54 mm |
| Max. diameter to be gripped | 68 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 | Via proximity switch |
| Operating pressure | 4 bar...8 bar |
| Resetting pressure | 1 bar |
| Max. operating frequency of pneumatic gripper | 4 Hz |
| Min. opening time at 6 bar | 30 ms |
| Min. closing time at 6 bar | 70 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 | 2.5 kg |
| Product weight | 500 g |
| Type of mounting | Alternatively:<br>With external thread<br>With locknut |
| Pneumatic connection | G1/8 |
| Note on materials | RoHS compliant |
| Bellows material | EPDM |
| Housing material | Aluminum<br>Anodized |