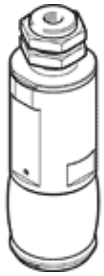
# bellows gripper
# DHEB-10-E-D-S-L

Part number: 1320755

FESTO



## Data sheet

| Feature | Value |
|---|---|
| Size | 10 |
| Stroke of the bellows | 4 mm |
| Min. diameter to be gripped | 10.5 mm |
| Max. diameter to be gripped | 14 mm |
| Assembly position | Any |
| Mode of operation | single-acting<br>closed |
| Gripper function | Adaptive |
| Design structure | Contractible membrane<br>guided motion sequence |
| Guide | Basic guide |
| Position detection | No |
| Operating pressure | 5 ... 8 bar |
| Resetting pressure | < 1 bar |
| Max. operating frequency of gripper | <= 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 in accordance with ISO8573-1:2010 [7:4:4] |
| Note on operating and pilot medium | Lubricated operation possible (subsequently required for further operation) |
| Corrosion resistance classification CRC | 2 - Moderate corrosion stress |
| PWIS conformity | VDMA24364 zone III |
| Food-safe | See Supplementary material information |
| Ambient temperature | 5 ... 60 °C |
| Average replacement interval for the bellows | 1 Mio SP |
| Effective load reference value | 0.1 kg |
| Product weight | 16 g |
| Mounting type | with external (male) thread<br>with lock nut<br>Optional |
| Pneumatic connection | M5 |
| Materials note | Conforms to RoHS |
| Material bellows | VMQ (silicon) |
| Material housing | Aluminium<br>Anodised |