

bellows gripper DHEB-18-E-U-E-L

Part number: 1320813

FESTO



Data sheet

| Feature | Value |
|--|---|
| Size | 18 |
| Stroke of the bellows | 7.5 mm |
| Min. diameter to be gripped | 19.5 mm |
| Max. diameter to be gripped | 25 mm |
| Assembly position | Any |
| Mode of operation | single-acting closed |
| Gripper function | Adaptive |
| Design structure | Contractible membrane 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) | 50 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 |
| Ambient temperature | 5 ... 60 °C |
| Average replacement interval for the bellows | 0.5 Mio SP |
| Effective load reference value | 0.21 kg |
| Product weight | 35 g |
| Mounting type | with external (male) thread with lock nut Optional |
| Pneumatic connection | M5 |
| Materials note | Conforms to RoHS |
| Material bellows | EPDM |
| Material housing | Aluminium Anodised |