

Bellows gripper DHEB-27-E-D-S-L

Part number: 1320760

FESTO



Data sheet

| Feature | Value |
|--|---|
| Size | 27 |
| Stroke of the bellows | 12 mm |
| Min. diameter to be gripped | 28 mm |
| Max. diameter to be gripped | 37 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 | For proximity sensor |
| Working pressure | 4 ... 8 bar |
| Resetting 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) | 60 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 | 0.45 kg |
| Product weight | 79 g |
| Mounting type | with external (male) thread with lock nut Optional |
| Pneumatic connection | M5 |
| Materials note | Conforms to RoHS |
| Material bellows | VMQ (silicon) |
| Material housing | Aluminum Anodized |