

Bellows gripper DHEB-12-E-U-E-L

Part number: 1320811

FESTO



 General operating condition

Data sheet

| Feature | Value |
|-----------------------------------------------|--------------------------------------------------------------------|
| Size | 12 |
| Stroke of bellows | 5.5 mm |
| Min. diameter to be gripped | 13 mm |
| Max. diameter to be gripped | 17 mm |
| Mounting position | Any |
| Mode of operation | Single-acting Closed |
| Gripper function | Adaptive |
| Structural design | Contracting diaphragm Positively driven motion sequence |
| Guide | Basic guide |
| Position sensing | None |
| Operating pressure | 5 bar ... 8 bar |
| Resetting pressure | <1 bar |
| Max. operating frequency of pneumatic gripper | ≤4 Hz |
| Min. opening time at 6 bar | 20 ms |
| Min. closing time at 6 bar | 40 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 | 0.12 kg |
| Product weight | 18 g |
| Type of mounting | With external thread With lock nut |
| Pneumatic connection | M5 |
| Note on materials | RoHS-compliant |
| Bellows material | EPDM |
| Housing material | Aluminum Anodized |