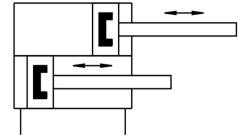


Feed separator HPV-10-10-A

Part number: 550908

FESTO



Data sheet

| Feature | Value |
|--|--|
| Stroke | 10 mm |
| Piston diameter | 10 mm |
| Max. interchangeability | 0.3 mm |
| Max. tappet play Sx | 0.05 mm |
| Max. tappet play Sz | 0.03 mm |
| Max. gripper jaw angular backlash | 0.12 deg |
| Max. gripper jaw angular backlash ay | 0.2 deg |
| Max. gripper jaw angular backlash az | 0.262 deg |
| Type code | HPV |
| External finger mounting | Through-hole |
| Cushioning | No cushioning |
| Mounting position | Any |
| Mode of operation | Double-acting |
| Design | Anti-twist feature Stop valve Twin piston Piston rod |
| Position sensing | For proximity sensor |
| Half pulse | 26.5 ms |
| Symbol | 00991914 |
| Protection against torsion/guide | Square guide |
| Cycle time | 52.5 ms |
| Operating pressure | 3 bar ... 8 bar |
| 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 |
| Ambient temperature | 5 °C ... 60 °C |
| Max. force on finger Fz static | 75 N |
| Max. static moment Mr at finger | 3 Nm |
| Max. static moment Mx at finger | 3 Nm |
| Max. static moment at finger | 3 Nm |
| Theoretical force at 6 bar, retracting | 35 N |
| Theoretical force at 6 bar, advancing | 45 N |
| Max. mass per external gripper finger | 56 g |
| Product weight | 135 g |
| Alternative connections | M3 |

| Feature | Value |
|----------------------|---|
| Type of mounting | Optionally: With internal thread and centering sleeve Via through-hole and centering sleeve |
| Pneumatic connection | M5 |
| Note on materials | RoHS-compliant Free of copper and PTFE |