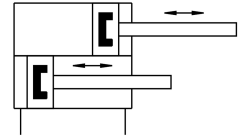


Feed separator HPV-14-40-A

Part number: 529352

FESTO



Data sheet

| Feature | Value |
|------------------------------------------|--------------------------------------------------------------------|
| Stroke | 40 mm |
| Piston diameter | 14 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 | 0.07 deg |
| Max. gripper jaw angular backlash ay | 0.12 deg |
| Max. gripper jaw angular backlash az | 0.175 deg |
| External finger mounting | Through-hole |
| Cushioning | No cushioning |
| Mounting position | Any |
| Mode of operation | Double-acting |
| Structural design | Twin piston Piston rod Stop valve Anti-twist feature |
| Position sensing | For proximity sensor |
| Half pulse | 234.2 ms |
| Protection against torsion/guide | Square guide |
| Cycle time | 468.4 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 |
| LABS (PWIS) conformity | VDMA24364-B2-L |
| Ambient temperature | 5 °C...60 °C |
| Max. force on finger Fz static | 100 N |
| Max. static moment Mr at finger | 5 Nm |
| Max. static moment Mx at finger | 5 Nm |
| Max. static moment at finger | 5 Nm |
| Theoretical force at 6 bar, retracting | 75 N |
| Theoretical force at 6 bar, advancing | 90 N |

| Feature | Value |
|---------------------------------------|---------------------------------------------------------------------------------------------------|
| Product weight | 460 g |
| Max. mass per external gripper finger | 150 g |
| Alternative connections | M5 |
| Type of mounting | Optionally: With internal thread and centering sleeve Via through-hole and centering sleeve |
| Pneumatic connection | M5 |