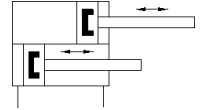
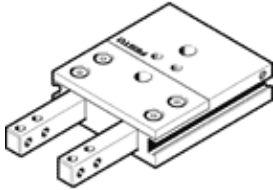


feed separator HPV-14-40-A

Part number: 529352

FESTO

Integrated SME-8-.../ SMT-8-... sensors. Optimised, accurate adaptation option with ZBH centring sleeves.



Data sheet

| Feature | Value |
|--|--|
| Stroke | 40 mm |
| Piston diameter | 14 mm |
| Max. replacement accuracy | 0.3 mm |
| Max. stem backlash Sx | 0.05 mm |
| Max. stem backlash Sz | 0.03 mm |
| Max. angular gripper jaw backlash ax | 0.07 deg |
| Max. angular gripper jaw backlash ay | 0.12 deg |
| Max. angular gripper jaw backlash az | 0.175 deg |
| Mounting of external fingers | Through-hole |
| Cushioning | No cushioning |
| Assembly position | Any |
| Mode of operation | double-acting |
| Design structure | twin piston Piston rod Stopper Non-rotating |
| Position detection | For proximity sensor |
| Half pulse | 234.2 ms |
| Protection against torque/guide | Square guide |
| Cycle time | 468.4 ms |
| Operating pressure | 3 ... 8 bar |
| 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 |
| Ambient temperature | 5 ... 60 °C |
| Max. force on finger Fz static | 100 N |
| Max. torque at gripper finger Mr static | 5 Nm |
| Max. torque at finger Mx static | 5 Nm |
| Max. torque at finger My static | 5 Nm |
| Theoretical force at 6 bar, return stroke | 75 N |
| Theoretical force at 6 bar, advance stroke | 90 N |
| Max. mass per external gripper finger | 150 g |
| Product weight | 460 g |
| alternative connections | M5 |
| Mounting type | Internal thread and centring sleeve With through-hole and centring sleeve Optional |
| Pneumatic connection | M5 |
| Materials note | Free of copper and PTFE |