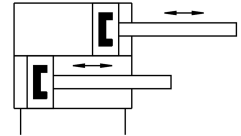


Feed separator HPV-22-60-A

Part number: 529354

FESTO



Data sheet

| Feature | Value |
|---|--|
| Stroke | 60 mm |
| Piston diameter | 22 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 | 0.04 deg |
| Max. angular gripper jaw backlash ay | 0.07 deg |
| Max. angular gripper jaw backlash az | 0.12 deg |
| Mounting of external fingers | Through-hole |
| Cushioning | No cushioning |
| Mounting position | optional |
| Mode of operation | Double-acting |
| Design | Twin piston Piston rod Locking mechanism Non-rotating |
| Position detection | Via proximity switch |
| Half pulse | 398.1 ms |
| Protection against torque/guide | Square guide |
| Cycle time | 796.1 ms |
| Operating pressure | 3 bar...8 bar |
| Operating medium | Compressed air to ISO 8573-1:2010 [7:4:4] |
| Note on operating and pilot medium | Lubricated operation possible (in which case lubricated operation will always be required) |
| 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 | 180 N |
| Max. torque Mr at finger, static | 9 Nm |
| Max. torque at finger Mx static | 9 Nm |
| Max. torque at finger My static | 9 Nm |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke | 180 N |

| Feature | Value |
|--|--|
| Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke | 225 N |
| Product weight | 1500 g |
| Max. mass per external gripper finger | 395 g |
| alternative connections | M5 |
| Type of mounting | Either: Via female thread and centring sleeve Via through-hole and centring sleeve |
| Pneumatic connection | M5 |