

Feed separator HPVS-22-60-A

Part number: 2095363

FESTO



 [General operating condition](#)

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 | Non-rotating |
| Position detection | Via proximity switch |
| Symbol | 00991216 |
| Protection against torque/guide | Square guide |
| Minimum product distance due to proximity switches | 70 mm ... 120 mm |
| Proximity switch protrusion | 14 mm ... 22 mm |
| Operating pressure | 3 bar ... 8 bar |
| Advance time | 480 ms ... 960 ms |
| Return-stroke time | 480 ms ... 960 ms |
| Repetition accuracy | 0.25 mm |
| 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 |
| Degree of protection | IP40 |
| Ambient temperature | 5 °C ... 60 °C |
| Max. tightening torque | 24 Nm for M8 9.9 Nm for M6 |
| 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 | 1000 g |
| Max. mass per external gripper finger | 395 g |
| alternative connections | M5 |
| Type of mounting | With through-hole for M6 screw and centring sleeve With female thread M8 and centring sleeve |
| Pneumatic connection | M5 |
| Note on materials | RoHS-compliant |
| Material cover | High-alloy steel |
| Material seals | NBR |
| Material housing | Smooth-anodised wrought aluminium alloy |
| Material piston rod | High-alloy steel |
| Plunger material | High-alloy steel |
| Material gate valve | Case-hardened steel |