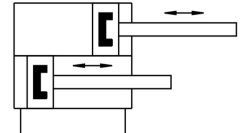


# Feed separator HPV-22-60-A

Part number: 529354

FESTO



## Data sheet

| Feature                                  | Value  |
|--|--|
| Stroke                                   | 60 mm  |
| Piston diameter                          | 22 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        | 0.04 deg   |
| Max. gripper jaw angular backlash ay     | 0.07 deg   |
| Max. gripper jaw angular backlash az     | 0.12 deg   |
| Type code                                | HPV  |
| External finger mounting                 | Through-hole   |
| Cushioning                               | No cushioning  |
| Mounting position                        | Any  |
| Mode of operation                        | Double-acting  |
| Structural design                        | Twin piston<br>Piston rod<br>Stop valve<br>Anti-twist feature      |
| Position sensing                         | For proximity sensor   |
| Half pulse                               | 398.1 ms   |
| Symbol                                   | 00991914   |
| Protection against torsion/guide         | Square guide   |
| Cycle time                               | 796.1 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           | 180 N  |
| Max. static moment Mr at finger          | 9 Nm   |
| Max. static moment Mx at finger          | 9 Nm   |
| Max. static moment at finger             | 9 Nm   |
| Theoretical force at 6 bar, retracting   | 180 N  |
| Theoretical force at 6 bar, advancing    | 225 N  |
| Max. mass per external gripper finger    | 395 g  |
| Product weight                           | 1500 g   |
| Alternative connections                  | M5   |

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