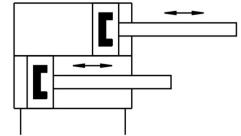


# Feed separator HPV-10-10-A

Part number: 550908

FESTO



## Data sheet

Feature	Value
Stroke	10 mm
Piston diameter	10 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	0.12 deg
Max. gripper jaw angular backlash ay	0.2 deg
Max. gripper jaw angular backlash az	0.262 deg
Type code	HPV
External finger mounting	Through-hole
Cushioning	No cushioning
Mounting position	Any
Mode of operation	Double-acting
Design	Twin piston Piston rod Stop valve Anti-twist feature
Position sensing	For proximity sensor
Half pulse	26.5 ms
Symbol	00991914
Protection against torsion/guide	Square guide
Cycle time	52.5 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	75 N
Max. static moment Mr at finger	3 Nm
Max. static moment Mx at finger	3 Nm
Max. static moment at finger	3 Nm
Theoretical force at 6 bar, retracting	35 N
Theoretical force at 6 bar, advancing	45 N
Max. mass per external gripper finger	56 g
Product weight	135 g
Alternative connections	M3

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