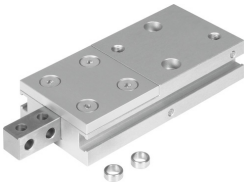
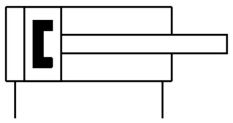
Feed separator
HPVS-14-40-A

Part number: 2095361

FESTO





Data sheet

Feature	Value
Stroke	40 mm
Piston diameter	14 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	0.07 deg
Max. gripper jaw angular backlash ay	0.12 deg
Max. gripper jaw angular backlash az	0.175 deg
Type code	HPVS
External finger mounting	Through-hole
Cushioning	No cushioning
Mounting position	Any
Mode of operation	Double-acting
Design	Anti-twist feature Piston rod
Position sensing	For proximity sensor
Symbol	00991216
Protection against torsion/guide	Square guide
Operating pressure	3 bar ... 8 bar
Advancing time	105 ms
Retracting time	150 ms
Repetition accuracy	0.15 mm
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	100 N
Max. static moment Mr at finger	5 Nm
Max. static moment Mx at finger	5 Nm
Max. static moment at finger	5 Nm
Theoretical force at 6 bar, retracting	75 N
Theoretical force at 6 bar, advancing	90 N
Max. mass per external gripper finger	150 g
Product weight	290 g
Alternative connections	M5

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