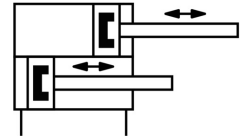


# Feed separator HPV-14-20-A

Part number: 529351

FESTO



[PDF](#) General operating condition

## Data sheet

Feature	Value
Stroke	20 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	0.12 deg
Max. gripper jaw angular backlash ay	0.2 deg
Max. gripper jaw angular backlash az	0.175 deg
External finger mounting	Through-hole
Cushioning	No cushioning
Mounting position	Any
Mode of operation	Double-acting
Structural design	Twin piston Piston rod Stop valve Anti-twist feature
Position sensing	For proximity sensor
Half pulse	111.5 ms
Symbol	00991914
Protection against torsion/guide	Square guide
Cycle time	223 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
LABS (PWIS) conformity	VDMA24364-B2-L
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
Product weight	290 g
Max. mass per external gripper finger	150 g
Alternative connections	M5

Feature	Value
Type of mounting	Optionally: With internal thread and centering sleeve Via through-hole and centering sleeve
Pneumatic connection	M5