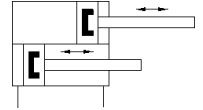
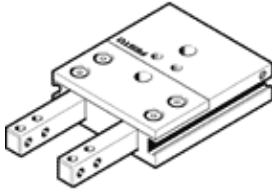


# feed separator HPV-14-20-A

Part number: 529351

**FESTO**

Integrated SME-8-.../ SMT-8-... sensors. Optimised, accurate adaptation option with ZBH centring sleeves.



## Data sheet

Feature	Value
Stroke	20 mm
Piston diameter	14 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	0.12 deg
Max. angular gripper jaw backlash ay	0.2 deg
Max. angular gripper jaw backlash az	0.175 deg
Mounting of external fingers	Through-hole
Cushioning	No cushioning
Assembly position	Any
Mode of operation	double-acting
Design structure	twin piston Piston rod Stopper Non-rotating
Position detection	For proximity sensor
Half pulse	111.5 ms
Protection against torque/guide	Square guide
Cycle time	223 ms
Operating pressure	3 ... 8 bar
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (subsequently required for further operation)
Corrosion resistance classification CRC	2 - Moderate corrosion stress
Ambient temperature	5 ... 60 °C
Max. force on finger Fz static	100 N
Max. torque at gripper finger Mr static	5 Nm
Max. torque at finger Mx static	5 Nm
Max. torque at finger My static	5 Nm
Theoretical force at 6 bar, return stroke	75 N
Theoretical force at 6 bar, advance stroke	90 N
Max. ground per external gripper finger	150 g
Product weight	290 g
alternative connections	M5
Mounting type	Optional Internal thread and centring sleeve With through-hole and centring sleeve
Pneumatic connection	M5
Materials note	Free of copper and PTFE