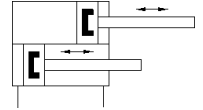
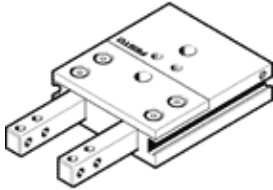


# feed separator HPV-10-10-A

Part number: 550908

FESTO

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



## Data sheet

Feature	Value
Stroke	10 mm
Piston diameter	10 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	0.262 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	26.5 ms
Protection against torque/guide	Square guide
Cycle time	52.5 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	75 N
Max. torque at gripper finger Mr static	3 Nm
Max. torque at finger Mx static	3 Nm
Max. torque at finger My static	3 Nm
Theoretical force at 6 bar, return stroke	35 N
Theoretical force at 6 bar, advance stroke	45 N
Max. mass per external gripper finger	56 g
Product weight	135 g
alternative connections	M3
Mounting type	Internal thread and centring sleeve With through-hole and centring sleeve Optional
Pneumatic connection	M5
Materials note	Free of copper and PTFE Conforms to RoHS