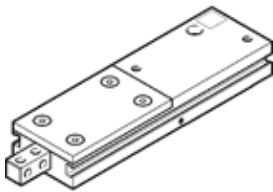


feed separator HPVS-14-40-A

Part number: 2095361

FESTO



Data sheet

Feature	Value
Stroke	40 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	0.07 deg
Max. angular gripper jaw backlash ay	0.12 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	Piston rod Non-rotating
Position detection	For proximity sensor
Protection against torque/guide	Square guide
Operating pressure	3 ... 8 bar
Advancing time	105 ms
Return-stroke time	150 ms
Repetition accuracy	0.15 mm
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
PWIS conformity	VDMA24364-B2-L
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 0.6 MPa (6 bar, 87 psi), retracting	75 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance	90 N
Product weight	290 g
Max. mass per external gripper finger	150 g
alternative connections	M5
Mounting type	Internal thread and centring sleeve With through-hole and centring sleeve Optional
Pneumatic connection	M5
Materials note	Conforms to RoHS