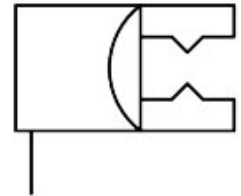


Soft gripper
HPSX-100-4-S-40-BU-RA50
 Part number: 8207884

FESTO



Data sheet

Feature	Value
Size	100
Working stroke	30 mm...125 mm
Min. diameter to be gripped	80 mm
Max. diameter to be gripped	110 mm
Actuator system	Pneumatic
Mounting position	Any
Mode of operation	Double-acting
Gripper function	Adaptive
Number of Gripper fingers	4
Structural design	form-fit frictionally engaged
Operating pressure	-0.085 MPa...0.02 MPa -0.85 bar...0.2 bar -12.325 psi...2.9 psi
Burst pressure of cap	0.06 MPa 0.6 bar 8.7 psi
Max. operating frequency of pneumatic gripper	5 Hz
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Corrosion resistance class (CRC)	4 - Particularly high corrosion stress
LABS (PWIS) conformity	VDMA24364 Zone III
For use in the food industry	See supplementary material information
Ambient temperature	0 °C...60 °C
Vibration resistance	Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6
Degree of protection	IP69K
Total gripping force	23 N
Product weight	632 g
Type of mounting	after ISO 9409-1-50-4-M6
Pneumatic connection	G1/4
Note on materials	RoHS compliant
Adapter material	PA-reinforced

Feature	Value
Material of screws	High-grade steel
Gripper finger material	VMQ (silicone), metal detectable
Cap material	PA-reinforced
Color	Blue
Shore hardness	A 40 +5