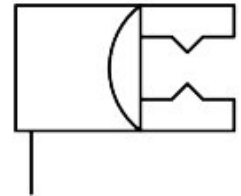


Soft gripper HPSX-70-3-S-40-BU-RA50

Part number: 8207889

FESTO



 [General operating condition](#)

Data sheet

Feature	Value
Size	70
Working stroke	20 mm ... 90 mm
Min. ø to be gripped	55 mm
Max. ø to be gripped	80 mm
Drive system	Pneumatic
Mounting position	Any
Mode of operation	Double-acting
Gripper function	Adaptive
Number of gripper fingers	3
Design	Form-fitting Frictional locking
Symbol	00997558
Operating pressure	-0.085 MPa ... 0.02 MPa
Operating pressure	-0.85 bar ... 0.2 bar
Operating pressure	-12.325 psi ... 2.9 psi
Burst pressure of cap	0.06 MPa
Burst pressure of cap	0.6 bar
Burst pressure of cap	8.7 psi
Max. operating frequency of gripper	5 Hz
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Corrosion resistance class CRC	4 - Very high corrosion stress
LABS (PWIS) conformity	VDMA24364 zone III
Suitable for use with food	See supplementary material information
Ambient temperature	0 °C ... 60 °C
Vibration resistance	Transport application test with severity level 2 to FN 942017-4 and EN 60068-2-6
Degree of protection	IP69K
Total gripping force	10 N
Product weight	318 g
Type of mounting	To ISO 9409-1-50-4-M6
Pneumatic connection	G1/4
Note on materials	RoHS compliant
Material adapter	Reinforced PA
Material screws	Stainless steel

Feature	Value
Gripper finger material	VMQ (silicone), metal detectable
Material cap	Reinforced PA
Colour	Blue
Shore hardness	A 40 +5