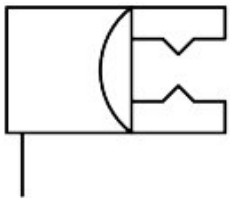
Soft gripper
HPSX-40-2-S-40-BU-RA50

Part number: 8207885



Data sheet

Feature	Value
Size	40
Working stroke	0 mm...55 mm
Min. diameter to be gripped	30 mm
Max. diameter to be gripped	55 mm
Actuator system	Pneumatic
Mounting position	Any
Mode of operation	Double-acting
Gripper function	Adaptive
Number of Gripper fingers	2
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	5 N
Product weight	240 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	Stainless steel
Gripper finger material	VMQ (silicone), metal detectable
Cap material	PA-reinforced
Color	Blue
Shore hardness	A 40 +5