

Bellows Suction Cups for the Packaging Industry

Size: 20-40mm

Material: S



Packaging

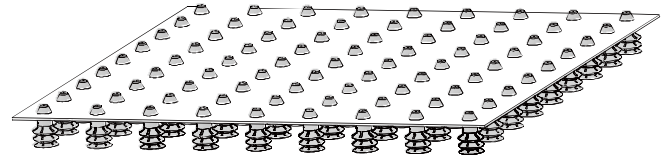


Introduction

- Can realize quick and tool-free to install and disassemble
- Flexible sealing lip is suitable for cartons, packaging and other workpieces with unstable surface
- Flexible bellows suction cup, large stroke and low restoring force, suitable for used in gripping systems

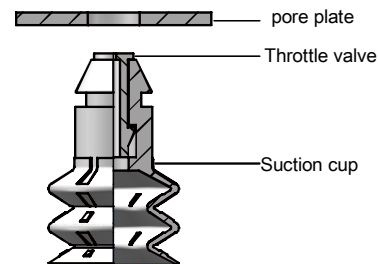
Application

- Round bellows suction cup with 2.5 folds used for palletizing and depalletizing processes in the packaging industry
- Handling of packaging materials such as cardboards, rigid and flexible packaging
- Handling of blister packaging, shrink-wrapped products, plastic bags or trays
- Used in area gripping systems and "suction cup carpets"; integrated flow restrictor to reduce leakage occurring at partial occupancy



Structure

- Round bellows suction cup SPB2 P with 2.5 folds and soft, flexible sealing lip
- Integrated flow restrictor with diameters from 0.8 to 1.5 mm
- Machine side existing hole for tool-free assembly through push-in function



purchase guide

SPB2 20 S-40 SW80 P

① ② ③ ④ ⑤

① Product series	② Size specification	③ Material and Shore hardness	④ Throttle valve size	⑤ Connection
SPB2	20 - φ20mm 40 - φ40mm	S - Silicone rubber - 40° S - Silicone rubber - 55°	Null - Bare suction cup SW80 - 0.8mm SW100 - 1.0mm SW130 - 1.3mm SW150 - 1.5mm	P - Push-in function

fittings' model specifications

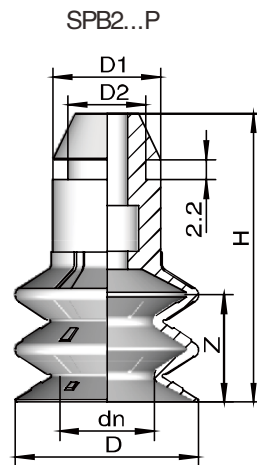
Fitting Name	Model Specification	Applicable Suction Cup	
Throttle valve	SW 80	SPB2 20...P	SPB2 40...P
	SW 100	SPB2 20...P	SPB2 40...P
	SW 130	SPB2 20...P	SPB2 40...P
	SW 150	SPB2 20...P	SPB2 40...P

Technical parameters

Model	Suction force N	Detaching force N	Minimum radius of curvature of workpiece mm (convex)	Internal Volume cm ³	Weight g
SPB2 20...P	4.9	8	25	2.5	2.5
SPB2 40...P	14.9	40	75	22	16.9



Design parameters



Model	Size (mm)					
	D	D1	D2	dn	H	Z
SPB2 20...P	20	11.8	8.5	10.2	32.5	9
SPB2 40...P	40	15.7	12.5	17.8	50.9	20