Bellows suction cup (round)

SPB4 30 SI-55 G1/4-IG

Art.-Nr.: 10.01.06.03524

SPB4 30 SI-55 G1/4-IG

Technical data

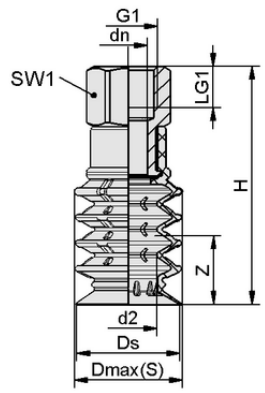
Attribute	Value
Suction cup material	Silicone SI
Material hardness [Shore A]	55.0 Shore A
Size	30.00
Number of folds	4.5
Thread G1	G1/4"-F

Suction cup SPB4 (elastomer part + connection element) is delivered assembled. The assembly consists of:

- Suction cup of type SPB4 – elastomer part, available in various diameters
- Connection element of type SC – available with various threads

Available spare parts: suction cup SPB4, connection element (Schmalz-Connector)

Available accessories: filter screen (sieve, round), hose clamp, pad insert



Design data SPB4 30 SI-55 G1/4-IG

Design data

Attribute	Value
Height H	69.50 mm
Nominal diameter dn	11.00 mm
d2	17.0 mm
Thread G1	G1/4"-F
Thread length LG1	12.0 mm
Key width SW1	22.0 mm
Spring stroke Z	20.0 mm
Diameter Ds	30.2 mm
Diameter Dmax(S)	31.5 mm

Contact Schmalz: J. Schmalz GmbH, Johannes-Schmalz-Str. 1 • 72293 Glatten • +49 7443 2403-105 • kundencenter@schmalz.de

Bellows suction cup (round)

SPB4 30 SI-55 G1/4-IG

Art.-Nr.: 10.01.06.03524

Technical data

Attribute	Value
Suction cup material	Silicone SI
Material hardness [Shore A]	55.0 Shore A
Hose inner diameter (recom.) d	9.0 mm
Pull-off force	22.00 N
Suction force (-600mbar)	16.00 N
Weight	27.5 g
Volume	15.610 cm^3
Size	30.00
Number of folds	4.5
Product family	SPB4

Note: Suction force: The suction force values are theoretical values at -0.6 bar vacuum and a dry, smooth and even workpiece surface – they are specified without safety factors. Hose inner diameter: The recommended hose diameter refers to a hose length of approx. 2 m

Further documentation

CAD data and other documents relating to the article can be found at: **www.schmalz.com/10.01.06.03524**

Ordering Data Accessories 10.01.06.03524

Typ		Item number
Hose clamp	SSB 16-27 ST-VZ	10.07.10.00002
Schmalz Pad Insert PE	SPI 24 PE SPB4-30	10.01.06.02855
Stabilization element	SPSE 30	10.01.06.02953

Ordering Data Spare Parts 10.01.06.03524

Typ		Item number
Schmalz-Connector	SC 080 G1/4-AG	10.01.06.03268
Schmalz-Connector	SC 080 G1/4-IG	10.01.06.03271

Ordering Data Wear Parts 10.01.06.03524

Typ		Item number
Bellows suction cup (round)	SPB4 30 SI-55 SC080	10.01.06.02589

Contact Schmalz: J. Schmalz GmbH, Johannes-Schmalz-Str. 1 • 72293 Glatten • +49 7443 2403-105 • kundencenter@schmalz.de