



Technical data

Attribute	Value
Suction cup material	Elastodur ED
Material hardness [Shore A]	65.0 Shore A
Size	50.00
Number of folds	1.5
Thread G1	G1/4"-F

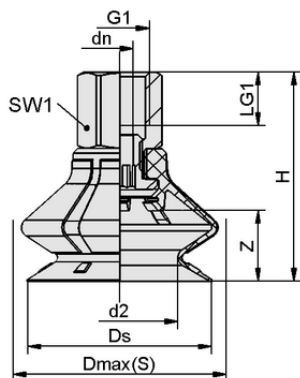
SPB1 50 ED-65 G1/4-IG

Suction cup SPB1 (elastomer part + connection element) is delivered assembled. The assembly consists of:

- Suction cup of type SPB1 – elastomer part, available in various diameters
- Connection element of type SC – available with various threads

Available spare parts: suction cup SPB1, connection element (Schmalz-Connector)

Available accessories: filter screen (sieve, round), suction cup insert



Design data

Attribute	Value
Height H	49.20 mm
Nominal diameter dn	6.10 mm
d2	32.3 mm
Thread G1	G1/4"-F
Thread length LG1	12.0 mm
Key width SW1	17.0 mm
Spring stroke Z	18.0 mm
Diameter Ds	51.4 mm
Diameter Dmax(S)	58.4 mm

Design data SPB1 50 ED-65 G1/4-IG



Bellows suction cups (round)

SPB1 50 ED-65 G1/4-IG



Art.-Nr.: 10.01.06.03501



Technical data

Attribute	Value
Suction cup material	Elastodur ED
Material hardness [Shore A]	65.0 Shore A
Hose inner diameter (recom.) d	6.0 mm
Workpiece radius min. (convex)	40.0 mm
Pull-off force	72.70 N
Suction force (-600mbar)	54.70 N
Weight	27.1 g
Lateral force	31.2 N
Volume	30.181 cm ³
Size	50.00
Number of folds	1.5
Product family	SPB1

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/10.01.06.03501



Ordering Data Accessories 10.01.06.03501

Typ		Item number
Sieve, round	SIEB 17.5x0.8 MS-A2 280 0.28/0.16	10.07.01.00308
Schmalz Pad Insert PA	SPI 40 PA SPB1-50	10.01.06.03388



Ordering Data Spare Parts 10.01.06.03501

Typ		Item number
Schmalz-Connector	SC 050 G1/4-IG MOD	10.01.06.02488



Ordering Data Wear Parts 10.01.06.03501

Typ		Item number
Bellows suction cup (round)	SPB1 50 ED-65 SC050	10.01.06.02456



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