

Bellows suction cups (round)

SPB1 10 ED-65 M5-IG



Art.-Nr.: 10.01.06.03568



SPB1 10 ED-65 M5-IG

Technical data

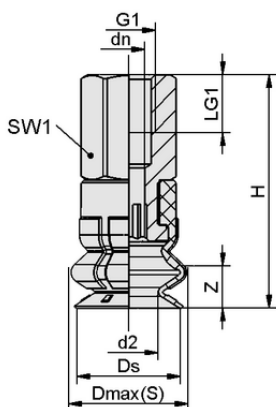
Attribute	Value
Suction cup material	Elastodur ED
Material hardness [Shore A]	65.0 Shore A
Size	10.00
Number of folds	1.5
Thread G1	M5-F

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 SPB1 10 ED-65 M5-IG

Design data

Attribute	Value
Height H	22.40 mm
Nominal diameter dn	3.10 mm
d2	5.6 mm
Thread G1	M5-F
Thread length LG1	5.5 mm
Key width SW1	8.0 mm
Spring stroke Z	4.0 mm
Diameter Ds	9.8 mm
Diameter Dmax(S)	11.3 mm



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Attribute	Value
Suction cup material	Elastodur ED
Material hardness [Shore A]	65.0 Shore A
Hose inner diameter (recom.) d	4.0 mm
Workpiece radius min. (convex)	5.0 mm
Pull-off force	4.00 N
Suction force (-600mbar)	1.50 N
Weight	0.5 g
Lateral force	2.0 N
Volume	0.454 cm ³
Size	10.00
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/10.01.06.03568



Ordering Data Accessories 10.01.06.03568

Typ	Item number
Schmalz Pad Insert PA	SPI 8 PA SPB1-10 10.01.06.03710



Ordering Data Spare Parts 10.01.06.03568

Typ	Item number
Schmalz-Connector	SC 030 M5-IG 10.01.06.03440



Ordering Data Wear Parts 10.01.06.03568

Typ	Item number
Bellows suction cup (round)	SPB1 10 ED-65 SC030 10.01.06.02782



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