



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	NPT1/4"-F

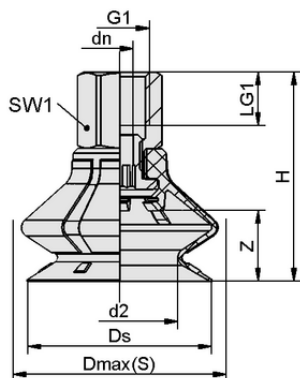
SPB1 50 ED-65 NPT1/4-IG

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	NPT1/4"-F
Thread length LG1	14.0 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 NPT1/4-IG



Art.-Nr.: 10.01.06.04961

**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	27.10 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/10.01.06.04961

**Ordering Data Spare Parts 10.01.06.04961**

Typ		Item number
Schmalz-Connector	SC 050 NPT1/4-IG MOD	10.01.06.04902
Bellows suction cup (round)	SPB1 50 ED-65 SC050	10.01.06.02456

