

Technical data

Attribute	Value
Suction cup material	Elastodur ED
Material hardness [Shore A]	65.0 Shore A
Size	80.00
Number of folds	1.5
Thread G1	NPT1/4"-F

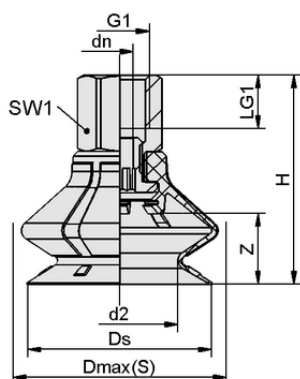
SPB1 80 ED-65 NPT1/4-IG

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	63.90 mm
Nominal diameter dn	6.10 mm
d2	56.0 mm
Thread G1	NPT1/4"-F
Thread length LG1	15.0 mm
Key width SW1	22.0 mm
Spring stroke Z	23.5 mm
Diameter Ds	81.4 mm
Diameter Dmax(S)	88.0 mm

Design data SPB1 80 ED-65 NPT1/4-IG



Art.-Nr.: 10.01.06.04965

**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)	70.0 mm
Pull-off force	200.00 N
Suction force (-600mbar)	166.00 N
Weight	78.70 g
Lateral force	59.0 N
Volume	98.358 cm ³
Size	80.00
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/10.01.06.04965

**Ordering Data Spare Parts 10.01.06.04965**

Typ		Item number
Schmalz-Connector	SC 065 NPT1/4-IG L MOD	10.01.06.03922
Bellows suction cup (round)	SPB1 80 ED-65 SC065	10.01.06.03071

