

Art.-Nr.: 10.01.06.03071

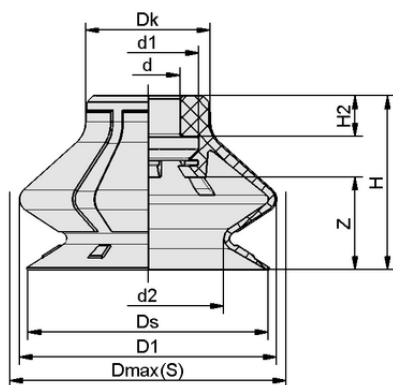


SPB1 80 ED-65 SC065

Suction cup SPB1 (elastomer part + connection element) is delivered assembled. As an alternative the individual parts can also be ordered separately. To do this, the following ordering steps are required:

- Suction cup of type SPB1 (step 1) – elastomer part, available in various diameters
- Connection element of type SC (step 2) – available with various threads

Available accessories: filter screen, suction cup insert



Design data SPB1 80 ED-65 SC065

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

Design data

Attribute	Value
Height H2	15.30 mm
Height H	45.90 mm
Outside diameter D1	82.7 mm
Head diameter Dk	27.1 mm
Internal diameter d1	29.3 mm
d2	56.0 mm
Internal diameter d	14.00 mm
Spring stroke Z	23.5 mm
Diameter Ds	81.4 mm
Diameter Dmax(S)	88.0 mm

Note: Acceptable dimensional tolerances for elastomer parts concerning to DIN ISO 3302-1 M3



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**Technical data**

Attribute	Value
Nipple family	SC 065
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	40.1 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/10.01.06.03071

**Ordering Data Accessories 10.01.06.03071**

Typ		Item number
Schmalz-Connector	SC 065 G1/4-AG L MOD	10.01.06.03193
Schmalz-Connector	SC 065 G1/4-IG L MOD	10.01.06.03194
Sieve, round	SIEB 32.5x0.8 MS-A2 280 0.28/0.16	10.07.01.00364

