

Art.-Nr.: 10.01.06.02456

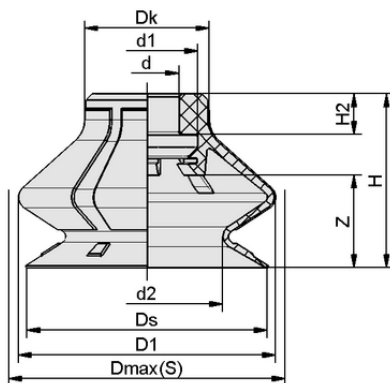


SPB1 50 ED-65 SC050

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 50 ED-65 SC050

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

Design data

Attribute	Value
Height H2	7.00 mm
Height H	32.00 mm
Outside diameter D1	55.2 mm
Head diameter Dk	21.6 mm
Internal diameter d1	17.5 mm
d2	32.3 mm
Internal diameter d	11.00 mm
Spring stroke Z	18.0 mm
Diameter Ds	51.4 mm
Diameter Dmax(S)	58.4 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 050
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	13.1 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/10.01.06.02456

**Ordering Data Accessories 10.01.06.02456**

Typ		Item number
Schmalz-Connector	SC 050 G1/4-AG MOD	10.01.06.02487
Schmalz-Connector	SC 050 G1/4-IG MOD	10.01.06.02488
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
Schmalz-Connector	SC 050-AR NPT1/4-AG MOD	10.01.06.02543
Schmalz-Connector	SC 050-AR NPT1/4-IG MOD	10.01.06.02546

