

Art.-Nr.: 10.01.06.02461

**Technical data**

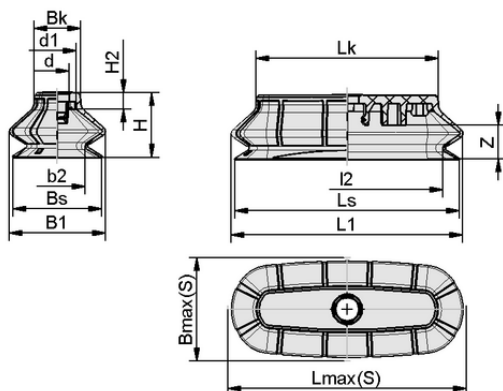
Attribute	Value
Suction cup material	Elastodur ED
Material hardness [Shore A]	65.0 Shore A
Dimension (LxW)	100 x 40
Number of folds	1.5

SPOB1 100x40 ED-65 SC050-AR

Suction cup SPOB1 (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 SPOB1 (step 1) – elastomer part, available in various diameters
- Connection element of type SC (step 2) – available with various threads, includes stabilization plate for model size 100 x 400 mm

Available accessories: filter screen

**Design data**

Attribute	Value
Length L1	107.60 mm
Width B1	44.60 mm
Height H2	7.00 mm
Height H	30.00 mm
Head length Lk	84.60 mm
Internal diameter d1	17.5 mm
Internal diameter d	11.00 mm
Spring stroke Z	16.0 mm
Suction cup width Bs	41.40 mm
Ls	104.40 mm

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

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Attribute	Value
Nipple family	SC 050-AR
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)	50.0 mm
Pull-off force	131.40 N
Suction force (-600mbar)	111.20 N
Weight	23.5 g
Dimension (LxW)	100 x 40
Lateral force	76.9 N
Volume	60.100 cm ³
Number of folds	1.5
Product family	SPOB1

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/10.01.06.02461

**Ordering Data Accessories 10.01.06.02461**

Typ		Item number
Schmalz-Connector	SC 050-AR NPT1/4-AG MOD	10.01.06.02543
Sieve, round	SIEB 17.5x0.8 MS-A2 280 0.28/0.16	10.07.01.00308

