



Technical data

Attribute	Value
Suction cup material	Elastodur ED
Material hardness [Shore A]	65.0 Shore A
Dimension (LxW)	60 x 20
Number of folds	1.5
Thread G1	G1/8"-F

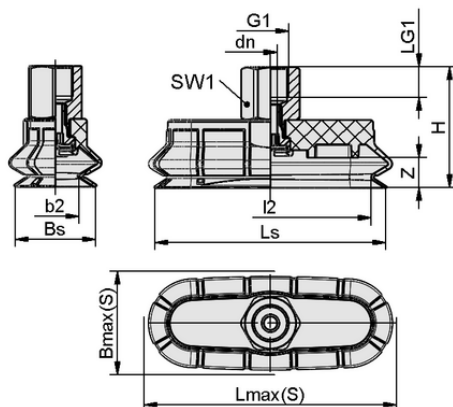
SPOB1 60x20 ED-65 G1/8-IG

Suction cup SPOB1 (elastomer part + connection element) is delivered assembled. The assembly consists of:

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

Available spare parts: suction cup SPOB1, Schmalz-Connector

Available accessories: filter screen (sieve, round)



Design data

Attribute	Value
Height H	32.00 mm
Nominal diameter dn	3.60 mm
Thread G1	G1/8"-F
Thread length LG1	8.0 mm
Key width SW1	14.0 mm
Spring stroke Z	8.0 mm
Suction cup width Bs	21.40 mm
Ls	61.40 mm
Lmax.(S)	67.00 mm
Bmax(S)	27.50 mm

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

Design data SPOB1 60x20 ED-65 G1/8-IG

Art.-Nr.: 10.01.06.03511

**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)	25.0 mm
Pull-off force	39.80 N
Suction force (-600mbar)	32.50 N
Weight	16.0 g
Dimension (LxW)	60 x 20
Lateral force	32.2 N
Volume	11.000 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/10.01.06.03511

**Ordering Data Accessories 10.01.06.03511**

Typ	Item number
Sieve, round	SIEB 11x1 MS-A2 280 0.28/0.16
	10.07.01.00309

**Ordering Data Spare Parts 10.01.06.03511**

Typ	Item number
Schmalz-Connector	SC 040-AR G1/8-IG MOD
	10.01.06.02496
Bellows suction cup (oval)	SPOB1 60x20 ED-65 SC040-AR
	10.01.06.02462

**Ordering Data Wear Parts 10.01.06.03511**

Typ	Item number
Bellows suction cup (oval)	SPOB1 60x20 ED-65 SC040-AR
	10.01.06.02462

