

Bellows suction cup (oval)

SPOB1f 80x35 SI-55 SC050-AR



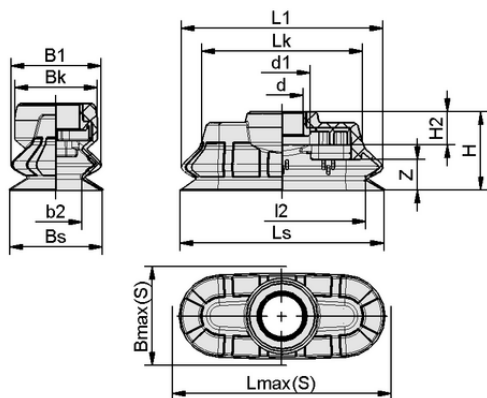
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Technical data

Attribute	Value
Suction cup material	Silicone SI
Material hardness [Shore A]	55.0 Shore A
Dimension (LxW)	80 x 35
Number of folds	1.5

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Design data

Attribute	Value
Length L1	80.00 mm
Width B1	35.00 mm
Height H2	6.90 mm
Height H	27.00 mm
Head length Lk	61.10 mm
Internal diameter d1	17.3 mm
Internal diameter d	12.40 mm
Spring stroke Z	11.0 mm
Suction cup width Bs	34.50 mm
Ls	79.50 mm

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**Technical data**

Attribute	Value
Nipple family	SC 050-AR
Suction cup material	Silicone SI
Material hardness [Shore A]	55.0 Shore A
Hose inner diameter (recom.) d	8.0 mm
Suction force (-600mbar)	74.70 N
Weight	12.6 g
Dimension (LxW)	80 x 35
Volume	26.122 cm ³
Number of folds	1.5
Suction force at -400 mbar	49.80 N
Suction force at -200 mbar	24.90 N
Product family	SPOB1f
Min. workpiece width	30.0 mm

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/10.01.06.03627

**Ordering Data Accessories 10.01.06.03627**

Typ		Item number
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

