

Bellows suction cup (round)

SPB2 40 SI-55 P SO



Art.-Nr.: 10.01.06.05171



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Bellows suction cup SPB2 P is delivered as a ready to connect component. Available in different diameters as single component or with integrated flow restrictor.

Available spare parts: flow restrictor

Available accessories: filter screen

Technical data

Attribute	Value
Suction cup material	Silicone SI
Material hardness [Shore A]	55.0 Shore A
Size	40.00
Number of folds	2.5
Shape	Push In

Design data

Attribute	Value
Height H2	2.20 mm
Height H	47.00 mm
Outside diameter D1	43.5 mm
Nominal diameter dn	7.80 mm
Internal diameter d1	15.7 mm
d2	17.8 mm
Internal diameter d	12.50 mm
Spring stroke Z	20.0 mm
Diameter Ds	42.7 mm
Height H3	7.20 mm

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**Technical data**

Attribute	Value
Suction cup material	Silicone SI
Material hardness [Shore A]	55.0 Shore A
Workpiece radius min. (convex)	75.0 mm
Pull-off force	40.00 N
Suction force (-600mbar)	14.90 N
Weight	18.20 g
Volume	22.000 cm ³
Size	40.00
Number of folds	2.5
Product family	SPB2

Note: Suction force: The suction force values are theoretical values at -600 mbar vacuum and a dry, smooth and even workpiece surface - they are given without safety factors

**Further documentation**

CAD data and other documents relating to the article can be found at: www.schmalz.com/10.01.06.05171

