

Bellows suction cup 2C (round)

SDC1 50 PU 30/60 N044

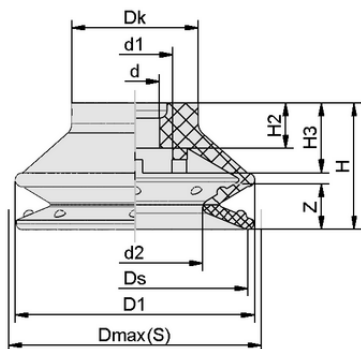
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SDC1 50 PU 30/60 N044

Technical data

Attribute	Value
Suction cup material	Polyurethane PU
Material hardness [Shore A]	30.0 Shore A
Size	50.00
Number of folds	1.5
Material hardness	60.0 Shore A



Design data SDC1 50 PU 30/60 N044

Design data

Attribute	Value
Height H2	8.00 mm
Height H	29.20 mm
Outside diameter D1	52.5 mm
Head diameter Dk	28.0 mm
Internal diameter d1	14.0 mm
d2	30.0 mm
Internal diameter d	10.50 mm
Spring stroke Z	13.5 mm
Diameter Ds	50.0 mm
Height H3	15.00 mm



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**Technical data**

Attribute	Value
Suction cup material	Polyurethane PU
Material hardness [Shore A]	30.0 Shore A
Workpiece radius min. (convex)	25.0 mm
Pull-off force	93.30 N
Suction force (-600mbar)	42.40 N
Volume	21.400 cm ³
Size	50.00
Temperature resistance	55.0 °C
Number of folds	1.5
Material hardness	60.0 Shore A

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/10.01.06.04051

