

Bell suction cup (round)

<https://www.schmalz.com/10.01.19.00027>



SAXM 50 ED-85 M14x1.5-AG

Part no.: 10.01.19.00027

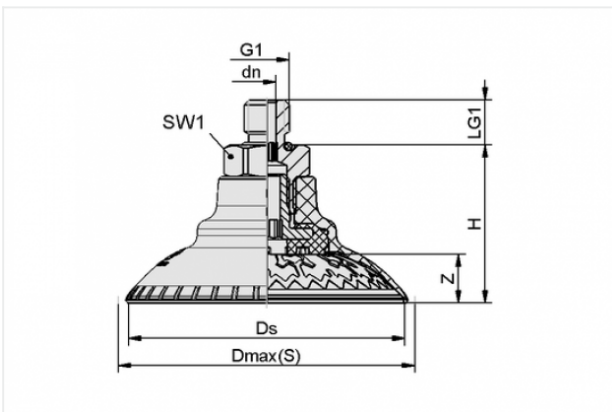
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Bell suction cup (round) for best adaptation to strongly curved surfaces



Size: 50
Suction cup material: Elastodur
Material hardness: 85 °Sh
Vacuum connection: M14x1.5-M
Nipple material: Aluminium

Design Data



| Attribute | Value |
|-----------|-----------|
| dn | 6.1 mm |
| Dmax(S) | 58.4 mm |
| Ds | 51.5 mm |
| G1 | M14x1.5-M |
| H | 32.8 mm |
| LG1 | 10 mm |
| SW1 | 17 mm |
| Z | 8.4 mm |

Technical Data

Contact to Schmalz

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| Attribute | Value |
|---------------------------------|----------------------|
| Suction force | 109 N |
| Lateral force | 58 N |
| Lateral force (oily surface) | 110 N |
| Volume | 14.4 cm ³ |
| Curve radius (min) (convex) | 25 mm |
| Internal hose diameter (recom.) | 6 mm |
| Size | 50 |
| Connection | M14x1.5-M |
| Number of folds | 0 |
| Suction cup material | Elastodur |
| Material hardness | 85 °Sh |
| Weight | 28.2 g |
| Product family | SAXM |

Note:

- Suction force: The specified suction forces are theoretical values at a vacuum of -0.6 bar and with a smooth, dry workpiece surface - they do not include a safety factor
- Lateral force: The specified lateral forces are values measured at a vacuum of -0.6 bar with a dry or oily, smooth, flat workpiece surface. Depending on the workpiece surface and its quality, the actual values may deviate from these values
- Hose diameter: The recommended hose diameter refers to a hose length of approx. 2 m

Spare Parts



SC-A 055 M14x1.5-AG L

Part no. 10.01.06.02823

Schmalz-Connector upper part

Connection geometry: 055

Thread G1: M14x1.5-M

Fitting length: 7.2 mm

Construction: Self Locking



SAXM 50 ED-85 SC055

Part no. 10.01.19.00006

High-Speed bell shaped suction cup (round) very dynamic handling of smooth and oily workpieces

Size: 50

Suction cup material: Elastodur

Material hardness: 85 °Sh



SC-S 055 FDC-L

Part no. 10.01.06.02804

Schmalz-Connector lower part

Size: 055

Construction:

Frict elem with Self lock