

Bellows suction cups (round)

# SAXB 60 ED-85 G1/4-IG



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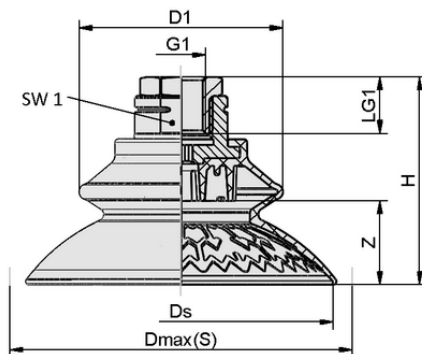
SAXB 60 ED-85 G1/4-IG

Bellows suction cup SAXB, available in various diameters, is supplied with a positively overmolded connection nipple.

## Technical data

| Attribute                   | Value        |
|-----------------------------|--------------|
| Suction cup material        | Elastodur ED |
| Material hardness [Shore A] | 85.0 Shore A |
| Size                        | 60.00        |
| Number of folds             | 1.5          |
| Connection                  | G1/4-IG      |
| Nipple material             | Brass        |

## Design data



Design data SAXB 60 ED-85 G1/4-IG

| Attribute           | Value    |
|---------------------|----------|
| Height H            | 46.30 mm |
| Outside diameter D1 | 49.4 mm  |
| Thread G1           | G1/4"-F  |
| Thread length LG1   | 15.0 mm  |
| Key width SW1       | 22.0 mm  |
| Spring stroke Z     | 14.5 mm  |
| Diameter Ds         | 59.6 mm  |
| Diameter Dmax(S)    | 66.0 mm  |



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**Technical data**

| Attribute                      | Value                  |
|--------------------------------|------------------------|
| Suction cup material           | Elastodur ED           |
| Material hardness [Shore A]    | 85.0 Shore A           |
| Hose inner diameter (recom.) d | 6.0 mm                 |
| Workpiece radius min. (convex) | 30.0 mm                |
| Suction force (-600mbar)       | 90.00 N                |
| Weight                         | 44.1 g                 |
| Lateral force                  | 105.0 N                |
| Lateral force oily surface     | 81.0 N                 |
| Volume                         | 31.900 cm <sup>3</sup> |
| Size                           | 60.00                  |
| Number of folds                | 1.5                    |
| Connection                     | G1/4" -F               |
| Product family                 | SAXB                   |

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/10.01.42.00011](http://www.schmalz.com/10.01.42.00011)

