

Bellows suction cups (round)

## SAXB 20 ED-85 RA



Art.-Nr.: 10.01.42.00033

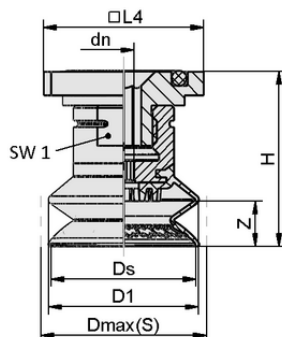


### Technical data

| Attribute                   | Value        |
|-----------------------------|--------------|
| Suction cup material        | Elastodur ED |
| Material hardness [Shore A] | 85.0 Shore A |
| Size                        | 20.00        |
| Number of folds             | 1.5          |
| Connection                  | RA           |
| Nipple material             | Aluminum     |

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



### Design data

| Attribute           | Value    |
|---------------------|----------|
| Height H            | 31.70 mm |
| Outside diameter D1 | 20.6 mm  |
| Nominal diameter dn | 4.10 mm  |
| Key width SW1       | 17.0 mm  |
| Spring stroke Z     | 5.8 mm   |
| Diameter Ds         | 20.4 mm  |
| Length L4           | 31.80 mm |
| Diameter Dmax(S)    | 23.5 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 | 4.0 mm                |
| Workpiece radius min. (convex) | 8.0 mm                |
| Suction force (-600mbar)       | 18.00 N               |
| Weight                         | 24.3 g                |
| Lateral force                  | 13.0 N                |
| Lateral force oily surface     | 9.5 N                 |
| Volume                         | 1.900 cm <sup>3</sup> |
| Size                           | 20.00                 |
| Number of folds                | 1.5                   |
| Connection                     | Rectangular adapter   |
| 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/10.01.42.00033](http://www.schmalz.com/10.01.42.00033)



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