

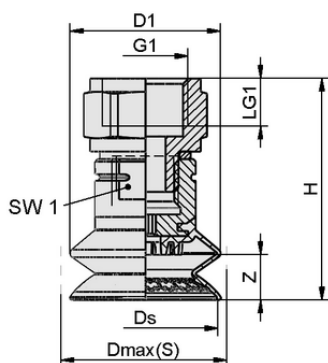


SAXB 20 ED-85 NPT3/8-IG

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                        | 20.00        |
| Number of folds             | 1.5          |
| Connection                  | NPT3/8-IG    |
| Nipple material             | Brass        |



Design data SAXB 20 ED-85 NPT3/8-IG

## Design data

| Attribute           | Value     |
|---------------------|-----------|
| Height H            | 41.00 mm  |
| Outside diameter D1 | 20.6 mm   |
| Nominal diameter dn | 4.10 mm   |
| Thread G1           | NPT3/8"-F |
| Thread length LG1   | 9.5 mm    |
| Key width SW1       | 17.0 mm   |
| Spring stroke Z     | 5.8 mm    |
| Diameter Ds         | 20.4 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                         | 43.7 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                     | NPT3/8-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/10.01.42.00031](http://www.schmalz.com/10.01.42.00031)

