

## Bellows suction cup HT1 (round)

### SAB 22 HT1-60 G1/4-IG

Part no.:10.01.06.02722

<https://www.schmalz.com/10.01.06.02722>

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Bellows Suction Cups SAB (1.5 Folds) > SAB 22 HT1-60 G1/4-IG

## Bellows suction cup (round) for markless handling of workpieces



Size: 22

Suction cup material:

High temp material HT1

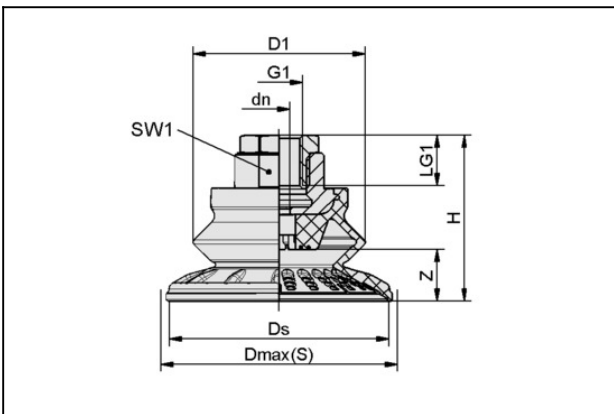
Material hardness: 60 °Sh

Vacuum connection: G1/4"-F

Number of folds: 1.5

Nipple material: Aluminium

## Design Data



| Attribute  | Value   |
|------------|---------|
| dn         | 3.5 mm  |
| D1         | 22 mm   |
| Dmax(S)    | 24 mm   |
| Ds         | 20.6 mm |
| G1         | G1/4"-F |
| H          | 25 mm   |
| LG1        | 12 mm   |
| SW1        | 16 mm   |
| Z (Stroke) | 5.8 mm  |

## Technical Data

### Contact to Schmalz

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| Attribute                    | Value                  |
|------------------------------|------------------------|
| Suction force (-600mbar)     | 16 N                   |
| Pull-off force               | 24 N                   |
| Lateral force                | 18 N                   |
| Lateral force (oily surface) | 6 N                    |
| Volume                       | 1.5 cm <sup>3</sup>    |
| Curve radius (min) (convex)  | 20 mm                  |
| Hose diameter (empf.) d      | 4 mm                   |
| Size                         | 22                     |
| Number of folds              | 1.5                    |
| Suction cup material         | High temp material HT1 |
| Material hardness [Shore A]  | 60.0 Shore A           |
| Weight                       | 12 g                   |
| Product family               | SAB                    |

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