

## Bellows suction cup NBR (round)

### SAB 50 NBR-60 G1/4-IG

Part no.:10.01.06.00851

<https://www.schmalz.com/10.01.06.00851>

Homepage > Vacuum Technology for Automation > Vacuum Components > Vacuum Suction Cups > Suction Cups for Handling Sheet Metal >

Bellows Suction Cups SAB (1.5 Folds) > SAB 50 NBR-60 G1/4-IG

## Bellows suction cup (round) for very dynamic handling of smooth and oily workpieces



Size: 50

Suction cup material:

Nitrile rubber NBR

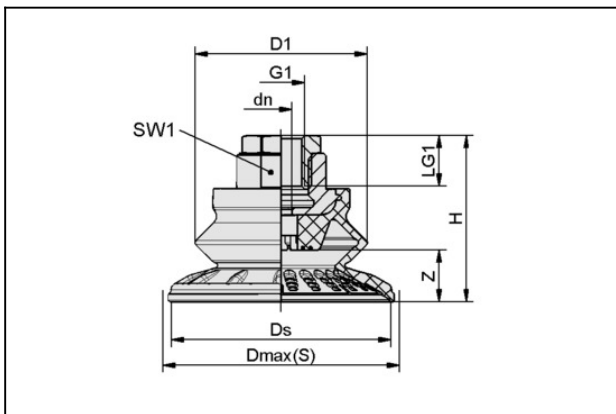
Material hardness: 60 °Sh

Vacuum connection: G1/4"-F

Nipple material: Brass, nickel-plated

Number of folds: 1.5

## Design Data



| Attribute  | Value    |
|------------|----------|
| dn         | 6 mm     |
| D1         | 39.5 mm  |
| Dmax(S)    | 56 mm    |
| Ds         | 50.1 mm  |
| G1         | G1/4"-IG |
| H          | 42 mm    |
| LG1        | 20 mm    |
| SW1        | 22 mm    |
| Z (Stroke) | 11.5 mm  |

## Bellows suction cup NBR (round)

### SAB 50 NBR-60 G1/4-IG

Part no.:10.01.06.00851

<https://www.schmalz.com/10.01.06.00851>



#### Technical Data

| Attribute                    | Value                |
|------------------------------|----------------------|
| Suction force (-600mbar)     | 53 N                 |
| Pull-off force               | 87 N                 |
| Lateral force                | 55 N                 |
| Lateral force (oily surface) | 52 N                 |
| Volume                       | 16.1 cm <sup>3</sup> |
| Curve radius (min) (convex)  | 50 mm                |
| Hose diameter (empf.) d      | 4 mm                 |
| Size                         | 50                   |
| Suction cup material         | Nitrile rubber NBR   |
| Material hardness [Shore A]  | 60 Shore A           |
| Weight                       | 45.2 g               |
| Product family               | SAB                  |
| Number of folds              | 1.5                  |

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