

## Bellows suction cup (round)

SAB 100 NBR-60 G1/4-AG

Part no.:10.01.06.00807

<https://www.schmalz.ru/10.01.06.00807>

Home > Vacuum Technology for Automation > Vacuum Components > Vacuum Suction Cups > Bellows Suction Cups (Round) > Bellows Suction Cups SAB (1.5 Folds) > SAB 100 NBR-60 G1/4-AG

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



Size: 100

Suction cup material: Nitrile rubber NBR

Material hardness [Shore A]: 60 Shore A

Nipple material: Aluminum

Connection: G1/4-AG

Number of folds: 1.5

### Design Data



| Attribute  | Value     |
|------------|-----------|
| dn         | 6 mm      |
| D1         | 77 mm     |
| Dmax(S)    | 110 mm    |
| Ds         | 100.80 mm |
| G1         | G1/4"-M   |
| H          | 56.60 mm  |
| LG1        | 10 mm     |
| SW1        | 22 mm     |
| Z (Stroke) | 25.80 mm  |

Note: Acceptable dimensional tolerances for elastomer parts concerning to DIN ISO 3302-1 M3

### Technical Data

| Attribute                    | Value               |
|------------------------------|---------------------|
| Suction force (-600mbar)     | 190 N               |
| Pull-off force               | 357 N               |
| Lateral force                | 295 N               |
| Lateral force (oily surface) | 214 N               |
| Volume                       | 115 cm <sup>3</sup> |
| Curve radius (min) (convex)  | 90 mm               |
| Hose diameter (rec.) d       | 6 mm                |

### Contact Schmalz

OOO Schmalz | Mozhayskoe highway 165, bldg1, 121596 Moscow, Russia | +7 495 9671248 | [post@ruschmalz.ru](mailto:post@ruschmalz.ru)

## Bellows suction cup (round)

SAB 100 NBR-60 G1/4-AG

Part no...:10.01.06.00807

<https://www.schmalz.ru/10.01.06.00807>

|                             |                    |
|-----------------------------|--------------------|
| Size                        | 100                |
| Suction cup material        | Nitrile rubber NBR |
| Material hardness [Shore A] | 60 Shore A         |
| Weight                      | 97.30 g            |
| Product family              | SAB                |
| Number of folds             | 1.50               |

Note: Suction force: The specified suction forces are theoretical values at a vacuum of -0.6 bar and with a dry, smooth and flat 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

---