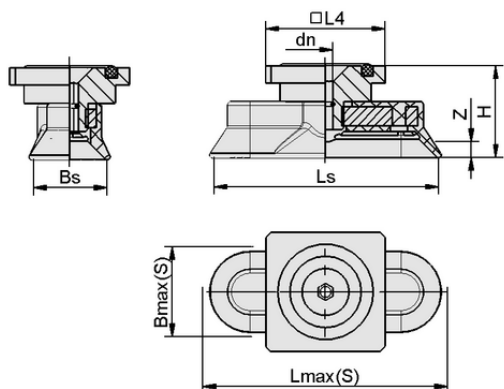




SAOG-S 80x30 NBR-60 RA

## Technical data

| Attribute                   | Value              |
|-----------------------------|--------------------|
| Suction cup material        | Nitrile rubber NBR |
| Material hardness [Shore A] | 60.0 Shore A       |
| Connection                  | RA                 |
| Dimension (LxW)             | 80x30              |
| Nipple material             | Aluminum           |



Design data SAOG-S 80x30 NBR-60 RA

## Design data

| Attribute            | Value    |
|----------------------|----------|
| Height H             | 24.50 mm |
| Nominal diameter dn  | 4.00 mm  |
| Spring stroke Z      | 6.0 mm   |
| Length L4            | 31.80 mm |
| Suction cup width Bs | 30.90 mm |
| Ls                   | 80.90 mm |
| Lmax.(S)             | 86.50 mm |
| Bmax(S)              | 37.50 mm |

Art.-Nr.: 10.01.01.12179

**Technical data**

| Attribute                      | Value                  |
|--------------------------------|------------------------|
| Suction cup material           | Nitrile rubber NBR     |
| Hose inner diameter (recom.) d | 4.0 mm                 |
| Workpiece radius min. (convex) | 20.0 mm                |
| Suction force (-600mbar)       | 105.00 N               |
| Weight                         | 36.3 g                 |
| Dimension (LxW)                | 80 x 30                |
| Lateral force                  | 130.0 N                |
| Lateral force oily surface     | 91.0 N                 |
| Volume                         | 11.000 cm <sup>3</sup> |
| Number of folds                | 0.0                    |
| Product family                 | SAOG-S                 |

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/10.01.01.12179](http://www.schmalz.com/10.01.01.12179)

**Ordering Data Spare Parts 10.01.01.12179**

| Typ              |                          | Item number    |
|------------------|--------------------------|----------------|
| Mounting adapter | ADP-A G1/8-AG-RA ADAP    | 10.01.10.00210 |
| O-ring           | O-RING 10x1.5 NBR-70 GLB | 10.07.08.00129 |
| O-ring           | O-RING 19x3.2 NBR-70     | 10.07.08.00123 |

**Ordering Data Wear Parts 10.01.01.12179**

| Typ                     |                             | Item number    |
|-------------------------|-----------------------------|----------------|
| Bell suction cup (oval) | SAOG-S 80x30 NBR-60 G1/8-IG | 10.01.01.12177 |

