

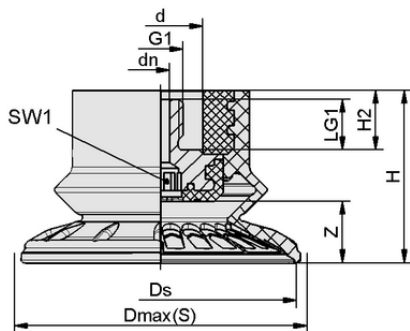
Art.-Nr.: 10.01.06.01880



SABT-C 80 NBR-60 M10-AG

## Technical data

| Attribute                   | Value              |
|-----------------------------|--------------------|
| Suction cup material        | Nitrile rubber NBR |
| Material hardness [Shore A] | 60.0 Shore A       |
| Size                        | 80.00              |
| Number of folds             | 1.5                |
| Height H                    | 39.00 mm           |
| Vacuum connection           | M10-M              |
| Nipple material             | Aluminum           |



Design data SABT-C 80 NBR-60 M10-AG

## Design data

| Attribute           | Value    |
|---------------------|----------|
| Height H2           | 2.00 mm  |
| Height H            | 39.00 mm |
| Nominal diameter dn | 4.00 mm  |
| Internal diameter d | 19.00 mm |
| Thread G1           | M10-M    |
| Thread length LG1   | 11.5 mm  |
| Key width SW1       | 8.0 mm   |
| Spring stroke Z     | 14.3 mm  |
| Diameter Ds         | 83.0 mm  |
| Diameter Dmax(S)    | 86.0 mm  |

Art.-Nr.: 10.01.06.01880

**Technical data**

| Attribute                      | Value                  |
|--------------------------------|------------------------|
| Suction cup material           | Nitrile rubber NBR     |
| Hose inner diameter (recom.) d | 6.0 mm                 |
| Workpiece radius min. (convex) | 100.0 mm               |
| Pull-off force                 | 245.00 N               |
| Suction force (-600mbar)       | 135.00 N               |
| Lateral force                  | 172.0 N                |
| Lateral force oily surface     | 158.0 N                |
| Volume                         | 54.000 cm <sup>3</sup> |
| Size                           | 80.00                  |
| Number of folds                | 1.5                    |
| Product family                 | SABT-C                 |

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/10.01.06.01880](http://www.schmalz.com/10.01.06.01880)

**Ordering Data Spare Parts 10.01.06.01880**

| Typ                           | Item number                                |
|-------------------------------|--------------------------------------------|
| Suction cup connection nipple | SA-NIP N054 M10-AG DN400<br>10.01.01.11942 |

**Ordering Data Wear Parts 10.01.06.01880**

| Typ                         | Item number                                |
|-----------------------------|--------------------------------------------|
| Friction washer             | REIB-SCHE 28x9.5 XNBR-45<br>10.01.01.11994 |
| Bellows suction cup (round) | SABT 80 NBR-60<br>10.01.06.01879           |

