

Art.-Nr.: 10.01.06.05538



SDC1 40 PU 30/60 G1/4-AG

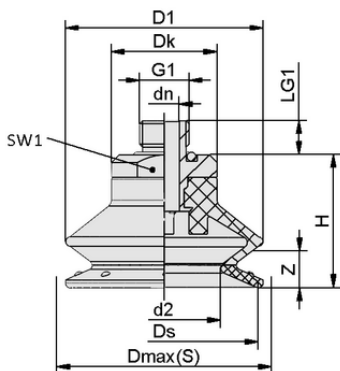
The suction cup SDC1, available in various diameters, is supplied with the connection nipple assembled.

### Technical data

| Attribute                   | Value           |
|-----------------------------|-----------------|
| Suction cup material        | Polyurethane PU |
| Material hardness [Shore A] | 30.0 Shore A    |
| Size                        | 40.00           |
| Number of folds             | 1.5             |
| Material hardness           | 60.0 Shore A    |
| Connection                  | G1/4-AG         |

### Design data

| Attribute           | Value    |
|---------------------|----------|
| Height H            | 28.40 mm |
| Outside diameter D1 | 42.4 mm  |
| Head diameter Dk    | 22.4 mm  |
| Nominal diameter dn | 5.00 mm  |
| d2                  | 24.0 mm  |
| Thread length LG1   | 9.0 mm   |
| Key width SW1       | 19.0 mm  |
| Spring stroke Z     | 9.5 mm   |
| Diameter Ds         | 40.0 mm  |
| Height H3           | 12.40 mm |



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**Technical data**

| Attribute                      | Value                 |
|--------------------------------|-----------------------|
| Suction cup material           | Polyurethane PU       |
| Material hardness [Shore A]    | 30.0 Shore A          |
| Hose inner diameter (recom.) d | 6.0 mm                |
| Workpiece radius min. (convex) | 20.0 mm               |
| Pull-off force                 | 57.50 N               |
| Suction force (-600mbar)       | 27.10 N               |
| Volume                         | 9.500 cm <sup>3</sup> |
| Size                           | 40.00                 |
| Temperature resistance         | 55.0 °C               |
| Number of folds                | 1.5                   |
| Material hardness              | 60.0 Shore A          |
| Connection                     | G1/4-AG               |

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/10.01.06.05538](http://www.schmalz.com/10.01.06.05538)

**Ordering Data Spare Parts 10.01.06.05538**

| Typ                            |                           | Item number    |
|--------------------------------|---------------------------|----------------|
| Bellows suction cup 2C (round) | SDC1 40 PU 30/60 N043     | 10.01.06.04050 |
| Suction cup connection nipple  | SA-NIP N043 G1/4-AG DN500 | 10.01.06.03371 |

