

Art.-Nr.: 10.01.24.00035



## Technical data

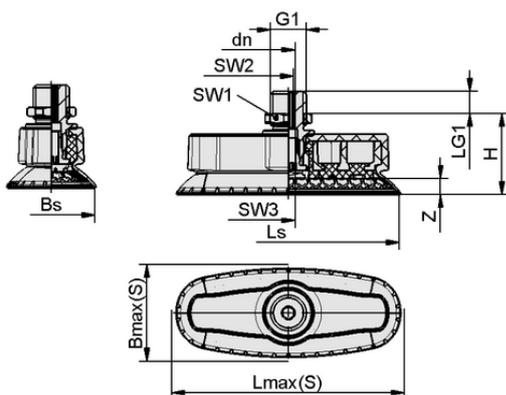
|                                 |               |
|---------------------------------|---------------|
| Suction cup material            | Elastodur ED  |
| Material hardness [Shore A]     | 85.0 Shore A  |
| Additional function suction cup | Friction disc |
| Connection                      | G1/4-AG       |
| Nipple material                 | Aluminum      |

SAOXM 100x40 ED-85 G1/4-AG

Bell-shaped suction cup SAOXM (elastomer part with insert including friction disc + connection element) is delivered assembled. The assembly consists of:

- Bell-shaped suction cup of type SAOXM – elastomer part, available in various dimensions
- Insert – including moulded friction disc
- Connector upper part – available with various threads
- Connector lower part

Available spare parts: suction cup SAOXM, Schmalz-Connector-Insert, Schmalz-Connector upper part (Schmalz-Connector-Adapter), Schmalz-Connector lower part (Schmalz-Connector-Screw)



## Design data

|                      |           |
|----------------------|-----------|
| Height H             | 37.70 mm  |
| Nominal diameter dn  | 5.10 mm   |
| Thread G1            | G1/4"-M   |
| Thread length LG1    | 8.0 mm    |
| Key width SW1        | 17.0 mm   |
| Spanner size SW2     | 5.0 mm    |
| Spring stroke Z      | 7.3 mm    |
| Suction cup width Bs | 41.60 mm  |
| Ls                   | 101.80 mm |
| Key width SW3        | 6.0 mm    |
| Lmax.(S)             | 109.00 mm |
| Bmax(S)              | 51.00 mm  |

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**Technical data**

|                                |                        |
|--------------------------------|------------------------|
| Suction cup material           | Elastodur ED           |
| Material hardness [Shore A]    | 85.0 Shore A           |
| Hose inner diameter (recom.) d | 6.0 mm                 |
| Workpiece radius min. (convex) | 32.0 mm                |
| Suction force (-600mbar)       | 173.00 N               |
| Weight                         | 64.10 g                |
| Dimension (LxW)                | 100 x 40               |
| Lateral force                  | 135.0 N                |
| Lateral force oily surface     | 156.0 N                |
| Volume                         | 24.000 cm <sup>3</sup> |
| Product family                 | SAOXM                  |

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

**Ordering Data Spare Parts 10.01.24.00035**

| Typ                       |                             | Item number    |
|---------------------------|-----------------------------|----------------|
| Schmalz-Connector-Insert  | SC-I 055 AR-FDC             | 10.01.24.00011 |
| Bell suction cup (oval)   | SAOXM 100x40 ED-85 SC055-AR | 10.01.24.00003 |
| Schmalz-Connector-Adapter | SC-A 055-AR G1/4-AG L       | 10.01.06.03165 |

