



Technical data

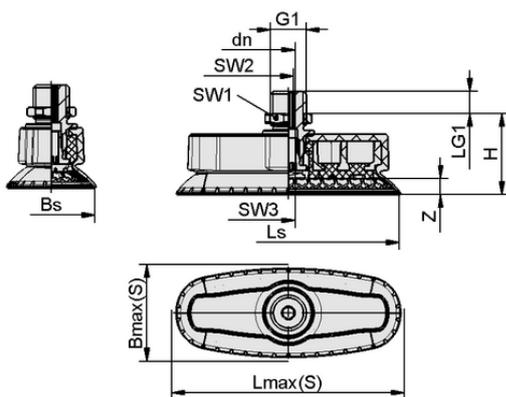
| | |
|---------------------------------|---------------|
| Suction cup material | Elastodur ED |
| Material hardness [Shore A] | 85.0 Shore A |
| Additional function suction cup | Friction disc |
| Connection | M10-AG |
| Nipple material | Aluminum |

SAOXM 80x30 ED-85 M10-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 SAOXM 80x30 ED-85 M10-AG

Design data

| | |
|----------------------|----------|
| Height H | 31.80 mm |
| Nominal diameter dn | 4.10 mm |
| Thread G1 | M10-M |
| Thread length LG1 | 8.0 mm |
| Key width SW1 | 16.0 mm |
| Spanner size SW2 | 4.0 mm |
| Spring stroke Z | 6.0 mm |
| Suction cup width Bs | 31.90 mm |
| Ls | 82.10 mm |
| Key width SW3 | 5.0 mm |
| Lmax.(S) | 88.00 mm |
| Bmax(S) | 41.50 mm |

Art.-Nr.: 10.01.24.00026

**Technical data**

| | |
|--------------------------------|------------------------|
| Suction cup material | Elastodur ED |
| Material hardness [Shore A] | 85.0 Shore A |
| Hose inner diameter (recom.) d | 4.0 mm |
| Workpiece radius min. (convex) | 20.0 mm |
| Suction force (-600mbar) | 105.00 N |
| Weight | 38.20 g |
| Dimension (LxW) | 80 x 30 |
| Lateral force | 110.0 N |
| Lateral force oily surface | 134.0 N |
| Volume | 13.000 cm ³ |
| 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 10.01.24.00026**

| Typ | | Item number |
|---------------------------|----------------------------|----------------|
| Bell suction cup (oval) | SAOXM 80x30 ED-85 SC045-AR | 10.01.24.00002 |
| Schmalz-Connector-Insert | SC-I 045 AR-FDC | 10.01.24.00010 |
| Schmalz-Connector-Adapter | SC-A 045-AR M10-AG L | 10.01.06.03136 |
| Schmalz-Connector-Screw | SC-S 045 L | 10.01.06.02740 |

**Ordering Data Wear Parts 10.01.24.00026**

| Typ | | Item number |
|--------------------------|----------------------------|----------------|
| Bell suction cup (oval) | SAOXM 80x30 ED-85 SC045-AR | 10.01.24.00002 |
| Schmalz-Connector-Insert | SC-I 045 AR-FDC | 10.01.24.00010 |

