

# Bell suction cup (round)

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## SAX 50 ED-85 M16-AG

Part no.: 10.01.19.00231

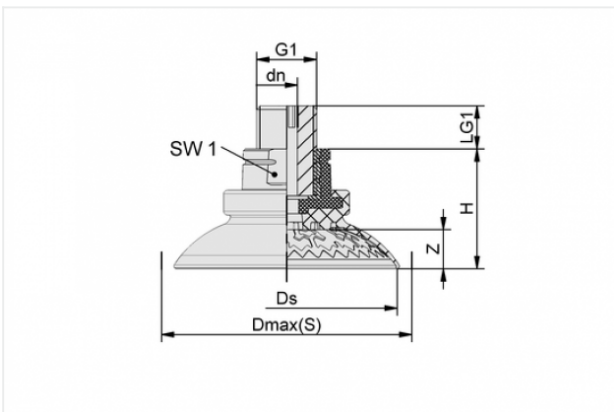
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### Bell suction cup (round) for best adaptation to strongly curved surfaces



Size: 50  
Suction cup material: Elastodur  
Material hardness: 85 °Sh  
Vacuum connection: M16-M  
Nipple material: Aluminium

### Design Data



| Attribute | Value |
|-----------|-------|
|-----------|-------|

|    |        |
|----|--------|
| dn | 6.1 mm |
|----|--------|

|         |         |
|---------|---------|
| Dmax(S) | 58.4 mm |
|---------|---------|

|    |         |
|----|---------|
| Ds | 51.5 mm |
|----|---------|

|    |       |
|----|-------|
| G1 | M16-M |
|----|-------|

|   |         |
|---|---------|
| H | 29.6 mm |
|---|---------|

|     |       |
|-----|-------|
| LG1 | 12 mm |
|-----|-------|

|     |       |
|-----|-------|
| SW1 | 22 mm |
|-----|-------|

|   |        |
|---|--------|
| Z | 8.4 mm |
|---|--------|

### Technical Data

#### Contact to Schmalz

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| Attribute                    | Value                |
|------------------------------|----------------------|
| Suction force                | 109 N                |
| Lateral force                | 74 N                 |
| Lateral force (oily surface) | 110 N                |
| Volume                       | 15.2 cm <sup>3</sup> |
| Curve radius (min) (convex)  | 25 mm                |
| Size                         | 50                   |
| Connection                   | M16-M                |
| Number of folds              | 0                    |
| Suction cup material         | Elastodur            |
| Material hardness            | 85 °Sh               |
| Weight                       | 37.7 g               |
| Product family               | SAX                  |

**\*The specified suction forces are theoretical values at a vacuum of -0.6 bar and with a smooth, dry workpiece surface - they do not include a safety factor.**

**\*\*The specified lateral forces are values measured at a vacuum of -0.6 bar with a dry or oily, smooth, flat workpiece surface. Depending on the workpiece surface and its quality, the actual values may deviate from these values.**

**\*\*\*The recommended hose diameter refers to a hose length of approx. 2 m.**