

## Bell suction cup (round)

SAXM 20 ED-85 M16x1.5-AG

Part no.: 10.01.19.00105

<https://www.schmalz.co.jp/10.01.19.00105>

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



Size: 20

Suction cup material: Elastodur ED

Material hardness [Shore A]: 85 Shore A

Nipple material: Aluminum

Connection: M16x1.5-AG

### Design Data



| Attribute  | Value     |
|------------|-----------|
| dn         | 5.10 mm   |
| Dmax (S)   | 26 mm     |
| Ds         | 21.80 mm  |
| G1         | M16x1.5-M |
| H          | 24.40 mm  |
| LG1        | 10 mm     |
| SW1        | 22 mm     |
| Z (Stroke) | 3 mm      |

Note: Acceptable dimensional tolerances for elastomer parts concerning to DIN ISO 3302-1 M3

### Technical Data

| Attribute                    | Value                |
|------------------------------|----------------------|
| Suction force (-600mbar)     | 20 N                 |
| Lateral force                | 15 N                 |
| Lateral force (oily surface) | 20 N                 |
| Volume                       | 1.55 cm <sup>3</sup> |
| Curve radius (min) (convex)  | 20 mm                |
| Hose diameter (rec.) d       | 5 mm                 |
| Size                         | 20                   |

### Contact Schmalz

Schmalz K.K. | 3001-7 Odana-cho, Tsuzuki-ku, 224-0027 Yokohama, Japan | +81 45 565 5150 | [schmalz@schmalz.co.jp](mailto:schmalz@schmalz.co.jp)

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|                             |              |
|-----------------------------|--------------|
| Connection                  | M16x1.5-M    |
| Number of folds             | 0            |
| Suction cup material        | Elastodur ED |
| Material hardness [Shore A] | 85 Shore A   |
| Weight                      | 19.80 g      |
| Product family              | SAXM         |

Note: Suction force: The specified suction forces are theoretical values at a vacuum of -0.6 bar and with a dry, smooth and flat workpiece surface – they do not include a safety factor Lateral force: 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 Hose diameter: The recommended hose diameter refers to a hose length of approx. 2 m

### Spare parts



**SC-A 045 M16x1.5-AG L**

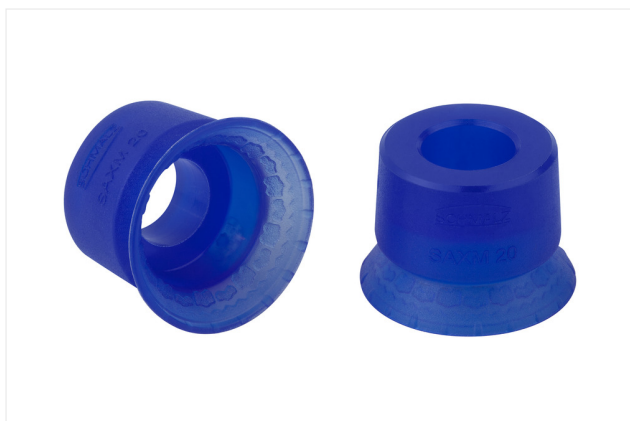
Part no.: 10.01.06.03186

Connection geometry: 045

Thread G1: M16x1.5-M

Fitting length: 7.7 mm

Shape: Self Locking



**SAXM 20 ED-85 SC045**

Part no.: 10.01.19.00003

Size: 20

Suction cup material: Elastodur ED

Material hardness [Shore A]: 85 Shore A

### Contact Schmalz

Schmalz K.K. | 3001-7 Odana-cho, Tsuzuki-ku, 224-0027 Yokohama, Japan | +81 45 565 5150 | [schmalz@schmalz.co.jp](mailto:schmalz@schmalz.co.jp)

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SC-S 045 FDC-L

Part no. : 10.01.06.02803

Shape: Frict elem with Self lock

### Contact Schmalz

Schmalz K.K. | 3001-7 Odana-cho, Tsuzuki-ku, 224-0027 Yokohama, Japan | +81 45 565 5150 | [schmalz@schmalz.co.jp](mailto:schmalz@schmalz.co.jp)