

## Bell suction cup (round)

SAXM 30 ED-85 M14x1.5-AG

Part no.:10.01.19.00017

<https://www.schmalz.ru/10.01.19.00017>

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



Size: 30

Suction cup material: Elastodur ED

Material hardness [Shore A]: 85 Shore A

Nipple material: Aluminum

Connection: M14x1.5-AG

### Design Data



| Attribute  | Value     |
|------------|-----------|
| dn         | 5.10 mm   |
| Dmax(S)    | 35.20 mm  |
| Ds         | 31.60 mm  |
| G1         | M14x1.5-M |
| H          | 25 mm     |
| LG1        | 10 mm     |
| SW1        | 17 mm     |
| Z (Stroke) | 4.30 mm   |

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

### Technical Data

| Attribute                    | Value                |
|------------------------------|----------------------|
| Suction force (-600mbar)     | 39 N                 |
| Lateral force                | 32 N                 |
| Lateral force (oily surface) | 41 N                 |
| Volume                       | 3.40 cm <sup>3</sup> |
| Curve radius (min) (convex)  | 18 mm                |
| Hose diameter (rec.) d       | 5 mm                 |
| Size                         | 30                   |

### Contact Schmalz

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|                             |              |
|-----------------------------|--------------|
| Connection                  | M14x1.5-M    |
| Number of folds             | 0            |
| Suction cup material        | Elastodur ED |
| Material hardness [Shore A] | 85 Shore A   |
| Weight                      | 15.10 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 M14x1.5-AG L

Part no.:10.01.06.02820

Connection geometry: 045

Thread G1: M14x1.5-M

Fitting length: 7.2 mm

Shape: Self Locking



#### SAXM 30 ED-85 SC045

Part no.:10.01.19.00004

Size: 30

Suction cup material: Elastodur ED

Material hardness [Shore A]: 85 Shore A

## Bell suction cup (round)

SAXM 30 ED-85 M14x1.5-AG

Part no...:10.01.19.00017

<https://www.schmalz.ru/10.01.19.00017>



**SC-S 045 FDC-L**

Part no...:10.01.06.02803

Shape: Frict elem with Self lock