

Art.-Nr.: 10.01.06.06007



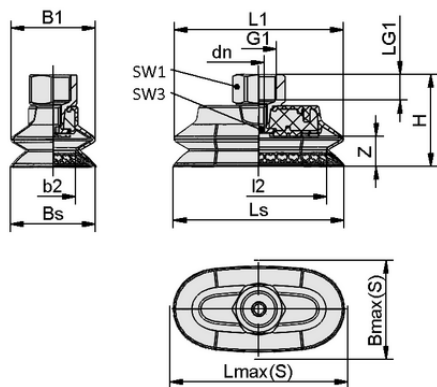
SAOXB 60x30 ED-85 M14x1-IG

Technical data

| Attribute                   | Value        |
|-----------------------------|--------------|
| Suction cup material        | Elastodur ED |
| Material hardness [Shore A] | 85.0 Shore A |
| Number of folds             | 1.5          |
| Dimension (LxW)             | 60x30        |
| Nipple material             | Aluminum     |

Design data

| Attribute            | Value    |
|----------------------|----------|
| Length L1            | 59.20 mm |
| Width B1             | 29.50 mm |
| Height H             | 39.00 mm |
| Nominal diameter dn  | 4.50 mm  |
| Thread G1            | M14x1-F  |
| Thread length LG1    | 12.0 mm  |
| Key width SW1        | 22.0 mm  |
| Spring stroke Z      | 10.5 mm  |
| Suction cup width Bs | 30.00 mm |
| Ls                   | 60.00 mm |
| Key width SW3        | 5.0 mm   |
| Lmax.(S)             | 63.00 mm |
| Bmax(S)              | 34.00 mm |
| Length L2            | 45.60 mm |
| Width B2             | 15.60 mm |



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**Technical data**

| Attribute                      | Value                  |
|--------------------------------|------------------------|
| Suction cup material           | Elastodur ED           |
| Material hardness [Shore A]    | 85.0 Shore A           |
| Workpiece radius min. (convex) | 15.0 mm                |
| Pull-off force                 | 62.50 N                |
| Suction force (-600mbar)       | 37.40 N                |
| Lateral force                  | 31.5 N                 |
| Lateral force oily surface     | 36.2 N                 |
| Volume                         | 13.700 cm <sup>3</sup> |
| Number of folds                | 1.5                    |
| Effective suction area         | 14.78 mm <sup>2</sup>  |
| Product family                 | SAOXB                  |
| Dimension (LxW)                | 60x30                  |
| Nipple material                | Aluminum               |

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

**Further documentation**

CAD data and other documents relating to the article can be found at: [www.schmalz.com/10.01.06.06007](http://www.schmalz.com/10.01.06.06007)

**Ordering Data Spare Parts 10.01.06.06007**

| Typ                        | Item number                               |
|----------------------------|-------------------------------------------|
| Bellows suction cup (oval) | SAOXB 60x30 ED-85 SC043<br>10.01.06.05781 |