

## Bell suction cup (round)

SAXM 60 ED-85 RA

Part no.:10.01.19.00033

<https://www.schmalz.ru/10.01.19.00033>

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



Size: 60

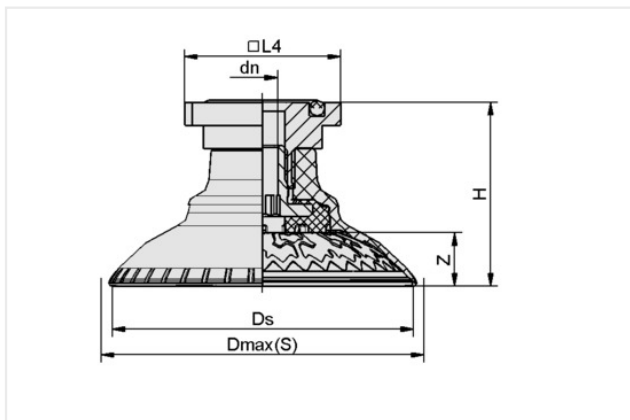
Suction cup material: Elastodur ED

Material hardness [Shore A]: 85 Shore A

Nipple material: Aluminum

Connection: RA

### Design Data



| Attribute  | Value    |
|------------|----------|
| dn         | 6.10 mm  |
| Dmax(S)    | 69.70 mm |
| Ds         | 61.50 mm |
| H          | 37.60 mm |
| L4         | 31.80 mm |
| Z (Stroke) | 10.90 mm |

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

### Technical Data

| Attribute                    | Value                 |
|------------------------------|-----------------------|
| Suction force (-600mbar)     | 154 N                 |
| Lateral force                | 85 N                  |
| Lateral force (oily surface) | 155 N                 |
| Volume                       | 24.20 cm <sup>3</sup> |
| Curve radius (min) (convex)  | 30 mm                 |
| Hose diameter (rec.) d       | 6 mm                  |
| Size                         | 60                    |

### Contact Schmalz

OOO Schmalz | Mozhayskoe highway 165, bdg1, 121596 Moscow, Russia | +7 495 9671248 | [post@ruschmalz.ru](mailto:post@ruschmalz.ru)

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|                             |                     |
|-----------------------------|---------------------|
| Connection                  | Rectangular adapter |
| Number of folds             | 0                   |
| Suction cup material        | Elastodur ED        |
| Material hardness [Shore A] | 85 Shore A          |
| Weight                      | 41 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 055 RA L

Part no.:10.01.06.02815

Connection geometry: 055

Fitting length: 9.5 mm

Shape: Self Locking



#### SAXM 60 ED-85 SC055

Part no.:10.01.19.00007

Size: 60

Suction cup material: Elastodur ED

Material hardness [Shore A]: 85 Shore A

### Contact Schmalz

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**SC-S 055 FDC-L**

Part no...:10.01.06.02804

Shape: Frict elem with Self lock