

## Bell suction cup (oval)

SAOXM 80x30 ED-85 G3/8-IG

Part no.: 10.01.24.00018

<https://www.schmalz.co.jp/10.01.24.00018>

Home > Vacuum Technology for Automation > Vacuum Components > Vacuum Suction Cups > Suction Cups for Handling Sheet Metal > Bell-Shaped Suction Cups SAOXM (Oval) > SAOXM 80x30 ED-85 G3/8-IG

**High-Speed bell shaped suction cup for (oval) very dynamic handling of smooth and oily workpieces**



Suction cup material: Elastodur ED

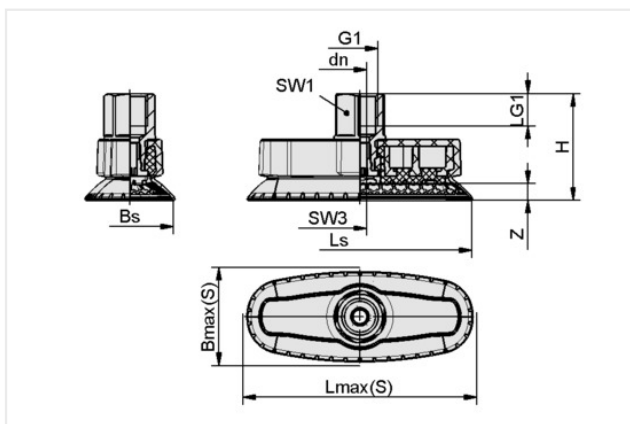
Material hardness [Shore A]: 85 Shore A

Nipple material: Aluminum

Connection: G3/8-IG

Add. function: Friction disc

### Design Data



| Attribute  | Value    |
|------------|----------|
| Bmax (S)   | 41.50 mm |
| Bs         | 31.90 mm |
| dn         | 5.10 mm  |
| G1         | G3/8"-F  |
| H          | 39.10 mm |
| LG1        | 12 mm    |
| Lmax (S)   | 88 mm    |
| Ls         | 82.10 mm |
| SW1        | 22 mm    |
| SW3        | 5 mm     |
| Z (Stroke) | 6 mm     |

### Technical Data

| Attribute                    | Value              |
|------------------------------|--------------------|
| Suction force (-600mbar)     | 105 N              |
| Lateral force                | 110 N              |
| Lateral force (oily surface) | 134 N              |
| Volume                       | 13 cm <sup>3</sup> |
| Curve radius (min) (convex)  | 20 mm              |

### 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)

## Bell suction cup (oval)

SAOXM 80x30 ED-85 G3/8-IG

Part no.: 10.01.24.00018

<https://www.schmalz.co.jp/10.01.24.00018>

|                             |              |
|-----------------------------|--------------|
| Hose diameter (rec.) d      | 4 mm         |
| Dimensions (LxB)            | 80 x 30      |
| Suction cup material        | Elastodur ED |
| Material hardness [Shore A] | 85 Shore A   |
| Weight                      | 40.10 g      |
| Product family              | SAOXM        |

## Spare parts



**SAOXM 80x30 ED-85 SC045-AR**

Part no.: 10.01.24.00002

Dimensions (LxB): 80 x 30

Suction cup material: Elastodur ED

Material hardness [Shore A]: 85 Shore A



**SC-I 045 AR-FDC**

Part no.: 10.01.24.00010

Size: 45

Shape: Anti Rot / Friction Elem

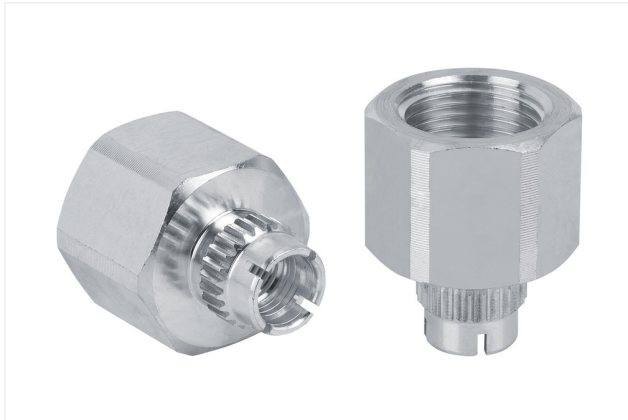
Use: SAOXM 80x30

## Bell suction cup (oval)

SAOXM 80x30 ED-85 G3/8-IG

Part no.: 10.01.24.00018

<https://www.schmalz.co.jp/10.01.24.00018>



**SC-A 045-AR G3/8-IG L**

Part no.: 10.01.06.03132

Connection geometry: 045-AR

Thread G1: G3/8"-F

Length L: 17.2 mm

Shape: Self Locking



**SC-S 045 L**

Part no.: 10.01.06.02740

Size: 45

Shape: Self Locking



**SAOXM 80x30 ED-85 SC045-AR**

Part no.: 10.01.24.00002

Dimensions (LxB): 80 x 30

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)