

## Bell suction cup (oval)

SAOXM 80x30 ED-85 G3/8-AG

Part no.:10.01.24.00037

<https://www.schmalz.com/10.01.24.00037>

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-AG

### 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-AG

Add. function: Friction disc

### Design Data



| Attribute  | Value    |
|------------|----------|
| Bmax(S)    | 41.50 mm |
| Bs         | 31.90 mm |
| dn         | 4.10 mm  |
| G1         | G3/8"-M  |
| H          | 30.30 mm |
| LG1        | 8 mm     |
| Lmax(S)    | 88 mm    |
| Ls         | 82.10 mm |
| SW1        | 19 mm    |
| SW2        | 4 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              |
| Hose diameter (rec.) d       | 4 mm               |

### Contact Schmalz

Schmalz India Pvt. Ltd. | EL - 38 J Block MIDC, 411 026 Bhosari, Pune, India | +91 20 691155-00 | [schmalz@schmalz.co.in](mailto:schmalz@schmalz.co.in)

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|                             |              |
|-----------------------------|--------------|
| Dimensions (LxB)            | 80 x 30      |
| Suction cup material        | Elastodur ED |
| Material hardness [Shore A] | 85 Shore A   |
| Weight                      | 37.40 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

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### SC-A 045-AR G3/8-AG L

Part no...:10.01.06.03133

Connection geometry: 045-AR

Thread G1: G3/8"-M

Length L: 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

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