

## Flat suction cup (oval)

SGON 60x20 NBR-55 G1/4-AG

Part no.:10.01.05.00096

<https://www.schmalz.com/10.01.05.00096>

Home > Vacuum Technology for Automation > Vacuum Components > Vacuum Suction Cups > Flat Suction Cups (Oval) > Flat Suction Cups SGON > SGON 60x20 NBR-55 G1/4-AG

### Flat suction cup (oval) for long and also curved workpieces



Dimensions (LxB): 60 x 20

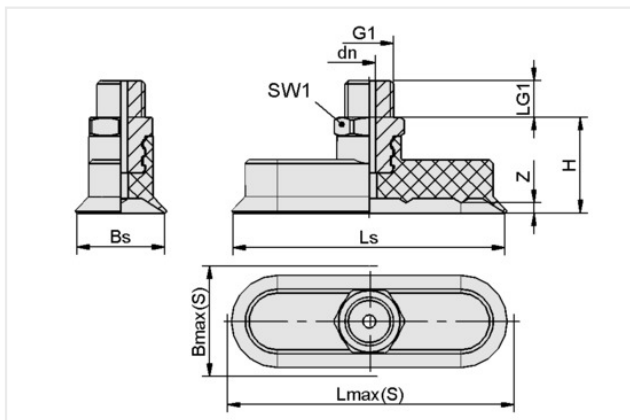
Suction cup material: Nitrile rubber NBR

Material hardness [Shore A]: 55 Shore A

Nipple material: Aluminum

Connection: G1/4"-M

### Design Data



| Attribute  | Value   |
|------------|---------|
| Bmax(S)    | 22 mm   |
| Bs         | 19 mm   |
| dn         | 3.50 mm |
| G1         | G1/4"-M |
| H          | 26 mm   |
| LG1        | 10 mm   |
| Lmax(S)    | 61 mm   |
| Ls         | 59 mm   |
| SW1        | 17 mm   |
| Z (Stroke) | 2.50 mm |

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

### Technical Data

| Attribute                   | Value                |
|-----------------------------|----------------------|
| Suction force (-600mbar)    | 50.10 N              |
| Volume                      | 3.61 cm <sup>3</sup> |
| Curve radius (min) (convex) | 20 mm                |
| Hose diameter (rec.) d      | 6 mm                 |
| Dimensions (LxB)            | 60 x 20              |
| Number of folds             | 0                    |
| Suction cup material        | Nitrile rubber NBR   |

### Contact Schmalz

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Material hardness [Shore A] 55 Shore A

Weight 19 g

Product family SGON

Note: Suction force: The specified suction forces are theoretical values at a vacuum of -0.6 bar and with a smooth, dry workpiece surface - they do not include a safety factor  
Hose diameter: The recommended hose diameter refers to a hose length of approx. 2 m

### Spare parts



#### SA-NIP N023 G1/4-AG DN350

Part no.:10.01.05.00122

Thread G1: G1/4"-M

Length L1: 25 mm

Fitting length: 5 mm

Nominal diameter dn: 3.5 mm

Material: Aluminum



#### SA-NIP N023 G1/4-IG DN350

Part no.:10.01.05.00121

Thread G1: G1/4"-F

Length L1: 25 mm

Fitting length: 15 mm

Nominal diameter dn: 3.5 mm

Material: Aluminum

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### ZOKL 15-18

Part no...:10.07.10.00033

Clamping range: 15.0 ... 18.0 mm

Material: Galvanized steel



### SGO 60x20 NBR-55 N023

Part no...:10.01.05.00154

Dimensions (LxB): 60 x 20

Suction cup material: Nitrile rubber NBR

Material hardness [Shore A]: 55 Shore A



### ZOKL 15-18

Part no...:10.07.10.00033

Clamping range: 15.0 ... 18.0 mm

Material: Galvanized steel

## Contact Schmalz

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