

## Flat suction cup (oval)

SGON 12x4 NBR-CO-55 M5-AG

Part no.:10.01.05.00238

<https://www.schmalz.com/10.01.05.00238>

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



Dimensions (LxB): 12 x 4

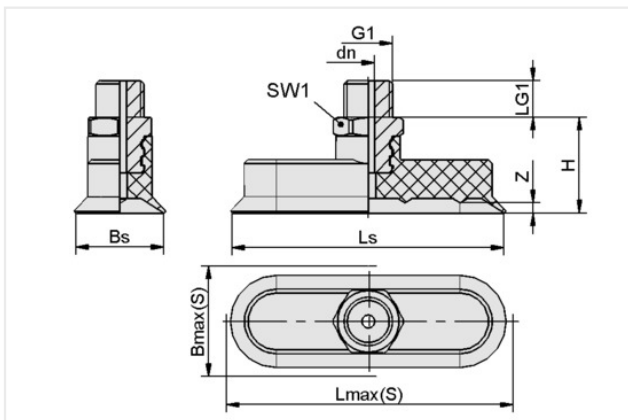
Suction cup material: Nitrile rubber NBR-conductive

Material hardness [Shore A]: 55 Shore A

Nipple material: Aluminum

Connection: M5-M

### Design Data



| Attribute  | Value    |
|------------|----------|
| Bmax(S)    | 5 mm     |
| Bs         | 3.90 mm  |
| dn         | 1.50 mm  |
| G1         | M5-M     |
| H          | 18 mm    |
| LG1        | 4.50 mm  |
| Lmax(S)    | 13 mm    |
| Ls         | 11.90 mm |
| SW1        | 8 mm     |
| Z (Stroke) | 0.50 mm  |

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

### Technical Data

| Attribute                   | Value                         |
|-----------------------------|-------------------------------|
| Suction force (-600mbar)    | 1.80 N                        |
| Volume                      | 0.17 cm <sup>3</sup>          |
| Curve radius (min) (convex) | 3 mm                          |
| Hose diameter (rec.) d      | 2 mm                          |
| Dimensions (LxB)            | 12 x 4                        |
| Number of folds             | 0                             |
| Suction cup material        | Nitrile rubber NBR-conductive |

### Contact Schmalz

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Material hardness [Shore A] 55 Shore A

Weight 2.90 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 N020 M5-AG DN180

Part no.:10.01.01.00312

Thread G1: M5-M

Length L1: 15 mm

Fitting length: 3 mm

Nominal diameter dn: 1.8 mm

Material: Aluminum



#### SGO 12x4 NBR-CO-55 N020

Part no.:10.01.05.00237

Dimensions (LxB): 12 x 4

Suction cup material: Nitrile rubber NBR-conductive

Material hardness [Shore A]: 55 Shore A

### Contact Schmalz

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