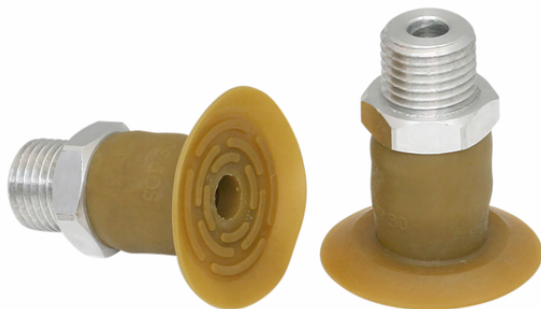


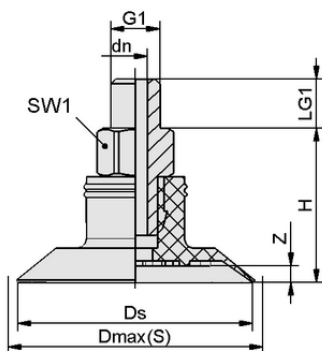


SGPN 30 NK-40 G1/4-AG

Flat suction cup SGPN (elastomer part + connection nipple) is delivered unassembled. The delivery consists of:

- Suction cup of type SGP – elastomer part, available in various diameters and materials
- Connection nipple of type SA-NIP – available with various threads

Available spare parts: suction cup SGP, connection nipple SA-NIP



Design data SGPN 30 NK-40 G1/4-AG

## Technical data

| Attribute                   | Value             |
|-----------------------------|-------------------|
| Suction cup material        | Natural rubber NK |
| Material hardness [Shore A] | 40.0 Shore A      |
| Size                        | 30.00             |
| Vacuum connection           | G1/4"-M           |
| Nipple material             | Aluminum          |

## Design data

| Attribute           | Value    |
|---------------------|----------|
| Height H            | 27.20 mm |
| Nominal diameter dn | 5.50 mm  |
| Thread G1           | G1/4"-M  |
| Thread length LG1   | 10.0 mm  |
| Key width SW1       | 17.0 mm  |
| Spring stroke Z     | 2.0 mm   |
| Diameter Ds         | 30.0 mm  |
| Diameter Dmax(S)    | 32.0 mm  |

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

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**Technical data**

| Attribute                      | Value                 |
|--------------------------------|-----------------------|
| Suction cup material           | Natural rubber NK     |
| Material hardness [Shore A]    | 40.0 Shore A          |
| Hose inner diameter (recom.) d | 4.0 mm                |
| Suction force (-600mbar)       | 19.00 N               |
| Weight                         | 11.0 g                |
| Volume                         | 3.000 cm <sup>3</sup> |
| Size                           | 30.00                 |
| Number of folds                | 0.0                   |
| Product family                 | SGPN                  |

Note: Suction force: The suction force values are theoretical values at -0.6 bar vacuum and a dry, smooth and even workpiece surface – they are specified without safety factors. Hose inner diameter: The recommended hose diameter refers to a hose length of approx. 2 m

**Further documentation**

CAD data and other documents relating to the article can be found at: [www.schmalz.com/10.01.01.00791](http://www.schmalz.com/10.01.01.00791)

**Ordering Data Spare Parts 10.01.01.00791**

| Typ                           | Item number                                 |
|-------------------------------|---------------------------------------------|
| Suction cup connection nipple | SA-NIP N033 G1/4-AG DN550<br>10.01.01.00818 |

**Ordering Data Wear Parts 10.01.01.00791**

| Typ                      | Item number                         |
|--------------------------|-------------------------------------|
| Flat suction cup (round) | SGP 30 NK-40 N033<br>10.01.01.00787 |

