

Flat suction cup (round)

# PFG 50 VU1-72 N011

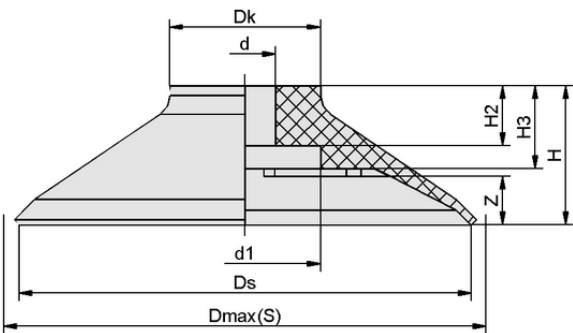
Art.-Nr.: 10.01.01.00424



PFG 50 VU1-72 N011

## Technical data

| Attribute                   | Value         |
|-----------------------------|---------------|
| Suction cup material        | Vulkollan VU1 |
| Material hardness [Shore A] | 72.0 Shore A  |
| Size                        | 50.00         |



Design data PFG 50 VU1-72 N011

## Design data

| Attribute            | Value    |
|----------------------|----------|
| Height H2            | 8.00 mm  |
| Height H             | 17.00 mm |
| Head diameter Dk     | 18.0 mm  |
| Internal diameter d1 | 13.0 mm  |
| Internal diameter d  | 8.00 mm  |
| Spring stroke Z      | 4.5 mm   |
| Diameter Ds          | 49.0 mm  |
| Height H3            | 11.00 mm |
| Diameter Dmax(S)     | 53.0 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           | Vulkollan VU1         |
| Material hardness [Shore A]    | 72.0 Shore A          |
| Workpiece radius min. (convex) | 75.0 mm               |
| Suction force (-600mbar)       | 95.00 N               |
| Weight                         | 7.0 g                 |
| Volume                         | 6.912 cm <sup>3</sup> |
| Size                           | 50.00                 |
| Number of folds                | 0.0                   |
| Product family                 | PFG                   |

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/10.01.01.00424](http://www.schmalz.com/10.01.01.00424)



### Ordering Data Accessories 10.01.01.00424

| Typ                           |                           | Item number    |
|-------------------------------|---------------------------|----------------|
| Suction cup connection nipple | SA-NIP N011 G1/4-AG DN350 | 10.01.01.10663 |
| Suction cup connection nipple | SA-NIP N011 G1/4-IG DN350 | 10.01.01.00412 |



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