

Flat suction cup (round)

## PFG 20 NBR-55 N006

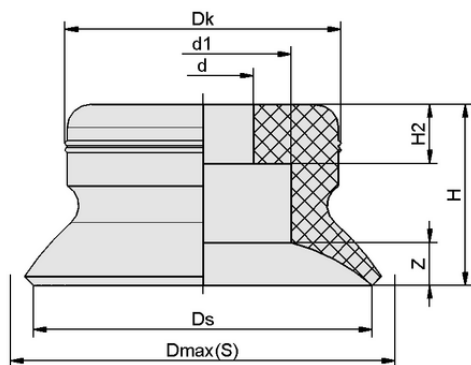
Art.-Nr.: 10.01.01.00012



PFG 20 NBR-55 N006

### Technical data

| Attribute                   | Value              |
|-----------------------------|--------------------|
| Suction cup material        | Nitrile rubber NBR |
| Material hardness [Shore A] | 55.0 Shore A       |
| Size                        | 20.00              |
| Material characteristics    | CSA                |



Design data PFG 20 NBR-55 N006

### Design data

| Attribute            | Value    |
|----------------------|----------|
| Height H2            | 4.50 mm  |
| Height H             | 10.00 mm |
| Head diameter Dk     | 15.2 mm  |
| Internal diameter d1 | 11.0 mm  |
| Internal diameter d  | 4.50 mm  |
| Spring stroke Z      | 2.2 mm   |
| Diameter Ds          | 20.0 mm  |
| Diameter Dmax(S)     | 23.0 mm  |

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



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**Technical data**

| Attribute                      | Value                 |
|--------------------------------|-----------------------|
| Nipple family                  | N 006                 |
| Suction cup material           | Nitrile rubber NBR    |
| Material hardness [Shore A]    | 55.0 Shore A          |
| Workpiece radius min. (convex) | 20.0 mm               |
| Suction force (-600mbar)       | 15.50 N               |
| Weight                         | 1.5 g                 |
| Volume                         | 0.864 cm <sup>3</sup> |
| Size                           | 20.00                 |
| 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/10.01.01.00012](http://www.schmalz.com/10.01.01.00012)

**Ordering Data Accessories 10.01.01.00012**

| Typ                           |                           | Item number    |
|-------------------------------|---------------------------|----------------|
| Suction cup connection nipple | SA-NIP N006 G1/8-AG DN200 | 10.01.01.03530 |
| Suction cup connection nipple | SA-NIP N006 G1/8-IG DN200 | 10.01.01.03522 |

