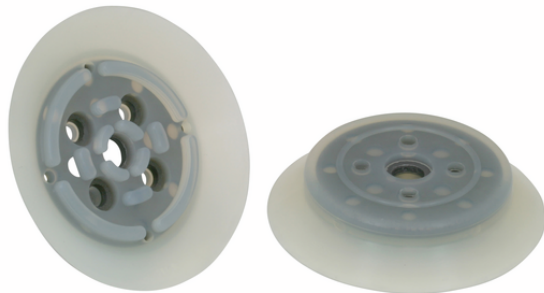


Flat suction cup (round)

## PFG 120 SI-55 N010

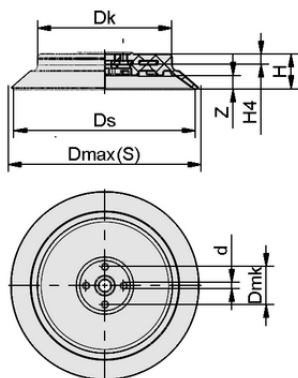
Art.-Nr.: 10.01.01.00332



PFG 120 SI-55 N010

### Technical data

| Attribute                   | Value          |
|-----------------------------|----------------|
| Suction cup material        | Silicone SI    |
| Material hardness [Shore A] | 55.0 Shore A   |
| Size                        | 120.00         |
| Material characteristics    | FDA-compatible |



Design data PFG 120 SI-55 N010

### Design data

| Attribute           | Value    |
|---------------------|----------|
| Height H            | 23.50 mm |
| Head diameter Dk    | 89.5 mm  |
| Internal diameter d | 7.30 mm  |
| Spring stroke Z     | 6.0 mm   |
| Diameter Ds         | 120.0 mm |
| Diameter Dmax(S)    | 124.0 mm |

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



[WWW.SCHMALZ.COM/10.01.01.00332](http://WWW.SCHMALZ.COM/10.01.01.00332)

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**Technical data**

| Attribute                      | Value                  |
|--------------------------------|------------------------|
| Nipple family                  | N 010                  |
| Suction cup material           | Silicone SI            |
| Material hardness [Shore A]    | 55.0 Shore A           |
| Workpiece radius min. (convex) | 300.0 mm               |
| Suction force (-600mbar)       | 540.00 N               |
| Weight                         | 220.3 g                |
| Volume                         | 75.164 cm <sup>3</sup> |
| Size                           | 120.00                 |
| 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/10.01.01.00332](http://www.schmalz.com/10.01.01.00332)

**Ordering Data Accessories 10.01.01.00332**

| Typ                                  |                     | Item number    |
|--------------------------------------|---------------------|----------------|
| Suction cup connection nipple (inst) | SA-NIP N010 G1/2-IG | 10.01.01.00796 |
| Suction cup cover                    | SU 120              | 10.01.01.12437 |

