

PFYN 25 NBR-ESD-55 G1/8-AG

Suction cup PFYN (elastomer part + connection nipple) is delivered unassembled (diameters of 120 mm and more are assembled). The delivery consists of:

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

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

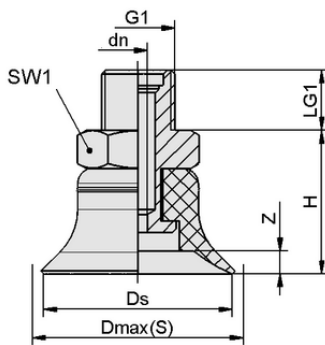
## Technical data

| Attribute                   | Value                  |
|-----------------------------|------------------------|
| Suction cup material        | Nitrile rubber NBR-ESD |
| Material hardness [Shore A] | 55.0 Shore A           |
| Size                        | 25.00                  |
| Vacuum connection           | G1/8"-M                |
| Nipple material             | Aluminum               |

## Design data

| Attribute           | Value    |
|---------------------|----------|
| Height H            | 19.00 mm |
| Nominal diameter dn | 2.40 mm  |
| Thread G1           | G1/8"-M  |
| Thread length LG1   | 8.0 mm   |
| Key width SW1       | 14.0 mm  |
| Spring stroke Z     | 3.0 mm   |
| Diameter Ds         | 25.0 mm  |
| Diameter Dmax(S)    | 27.5 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           | Nitrile rubber NBR-ESD |
| Material hardness [Shore A]    | 55.0 Shore A           |
| Hose inner diameter (recom.) d | 4.0 mm                 |
| Workpiece radius min. (convex) | 25.0 mm                |
| Suction force (-600mbar)       | 26.50 N                |
| Weight                         | 7.20 g                 |
| Volume                         | 1.300 cm <sup>3</sup>  |
| Size                           | 25.00                  |
| Number of folds                | 0.0                    |
| Product family                 | PFYN                   |

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/10.01.01.14369](http://www.schmalz.com/10.01.01.14369)

**Ordering Data Spare Parts 10.01.01.14369**

| Typ                            |                           | Item number    |
|--------------------------------|---------------------------|----------------|
| Flat suction cup (round)       | PFG 25 NBR-ESD-55 N007    | 10.01.01.14343 |
| Suction Cup Connection Nipples | SA-NIP N007 G1/8-AG DN240 | 10.01.01.03531 |

