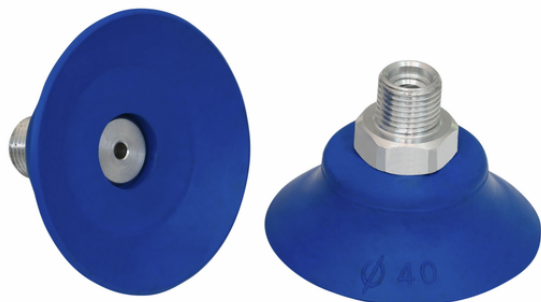


Art.-Nr.: 10.01.01.11140

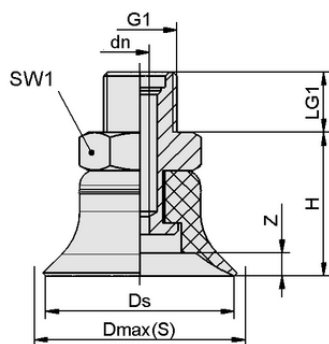


PFYN 40 HT1-60 G1/8-AG

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



Design data PFYN 40 HT1-60 G1/8-AG

### Technical data

| Attribute                   | Value                         |
|-----------------------------|-------------------------------|
| Suction cup material        | High temperature material HT1 |
| Material hardness [Shore A] | 60.0 Shore A                  |
| Size                        | 40.00                         |
| Vacuum connection           | G1/8"-M                       |
| Nipple material             | Aluminum                      |
| Material property           | non-marking                   |

### 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     | 3.5 mm   |
| Diameter Ds         | 40.0 mm  |
| Diameter Dmax(S)    | 43.0 mm  |

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



Art.-Nr.: 10.01.01.11140

**Technical data**

| Attribute                      | Value                         |
|--------------------------------|-------------------------------|
| Suction cup material           | High temperature material HT1 |
| Material hardness [Shore A]    | 60.0 Shore A                  |
| Hose inner diameter (recom.) d | 4.0 mm                        |
| Workpiece radius min. (convex) | 50.0 mm                       |
| Suction force (-600mbar)       | 57.70 N                       |
| Weight                         | 12.20 g                       |
| Volume                         | 3.800 cm <sup>3</sup>         |
| Size                           | 40.00                         |
| 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/10.01.01.11140](http://www.schmalz.com/10.01.01.11140)

**Ordering Data Accessories 10.01.01.11140**

| Typ                     | Item number    |
|-------------------------|----------------|
| Suction cup cover SU 40 | 10.01.01.12856 |

**Ordering Data Spare Parts 10.01.01.11140**

| Typ                                                     | Item number    |
|---------------------------------------------------------|----------------|
| Suction cup connection nipple SA-NIP N007 G1/8-AG DN240 | 10.01.01.03531 |

**Ordering Data Wear Parts 10.01.01.11140**

| Typ                                         | Item number    |
|---------------------------------------------|----------------|
| Flat suction cup (round) PFG 40 HT1-60 N007 | 10.01.01.11167 |

