



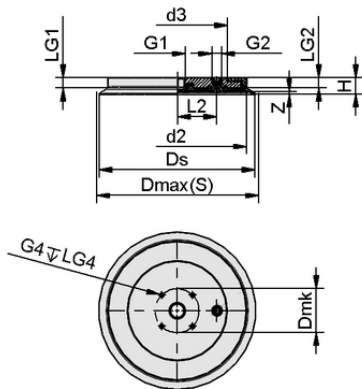
SGF 125 HT1-60 G3/8-IG

Suction plate SGF (sealing ring + support plate) is delivered assembled. The assembly consists of:

- Sealing ring of type DR-SGF – elastomer part, available in various diameters
- Aluminum support plate – available with various threads

Available spare parts: sealing ring of type DR-SGF

Available accessories: touch valve, filter screen (sieve, round)



Design data SGF 125 HT1-60 G3/8-IG

### Technical data

| Attribute                   | Value                         |
|-----------------------------|-------------------------------|
| Suction cup material        | High temperature material HT1 |
| Material hardness [Shore A] | 60.0 Shore A                  |
| Size                        | 125.00                        |
| Connection                  | G3/8"-F                       |

### Design data

| Attribute         | Value    |
|-------------------|----------|
| Length L2         | 26.50 mm |
| Height H          | 21.40 mm |
| d2                | 100.0 mm |
| Thread G1         | G3/8"-F  |
| Thread length LG1 | 14.0 mm  |
| Thread G2         | G1/4"-F  |
| Thread length LG2 | 14.0 mm  |
| Hole size d3      | 70.0 mm  |
| Spring stroke Z   | 3.0 mm   |
| Diameter Ds       | 123.0 mm |

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

Art.-Nr.: 10.01.01.13205

**Technical data**

| Attribute                      | Value                         |
|--------------------------------|-------------------------------|
| Suction cup material           | High temperature material HT1 |
| Material hardness [Shore A]    | 60.0 Shore A                  |
| Hose inner diameter (recom.) d | 9.0 mm                        |
| Workpiece radius min. (convex) | 1,500.0 mm                    |
| Suction force (-600mbar)       | 730.00 N                      |
| Weight                         | 290.00 g                      |
| Volume                         | 43.784 cm <sup>3</sup>        |
| Size                           | 125.00                        |
| Suction force d2               | 470.00 N                      |
| Number of folds                | 0.0                           |
| Product family                 | SGF                           |

Note: Suction force: The specified suction forces are theoretical values at a vacuum of -0.6 bar and with a dry, smooth and even workpiece surface - they do not include a safety factor  
Hose 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/10.01.01.13205](http://www.schmalz.com/10.01.01.13205)

**Ordering Data Accessories 10.01.01.13205**

| Typ               |                    | Item number    |
|-------------------|--------------------|----------------|
| Touch Valve       | TV G1/4-AG 13      | 10.05.10.00061 |
| Sieve, round      | SIEB 19.5x1 MS 100 | 10.07.01.00215 |
| Protection Covers | PC 125             | 10.01.01.13086 |
| Suction cup cover | SU 120             | 10.01.01.12437 |
| Flexolink HD      | FLK-HD G3/8-AG     | 10.07.06.00235 |
| Flexolink HD      | FLK-HD G1/4-IG     | 10.07.06.00241 |
| Flexolink HD      | FLK-HD G1/2-IG     | 10.07.06.00242 |

**Ordering Data Spare Parts 10.01.01.13205**

| Typ                                |                   | Item number    |
|------------------------------------|-------------------|----------------|
| Sealing screw without collar       | VRS-S G1/4-AG     | 10.08.06.00048 |
| Sealing ring for SGF suction plate | DR-SGF 125 HT1-60 | 10.01.01.12890 |

