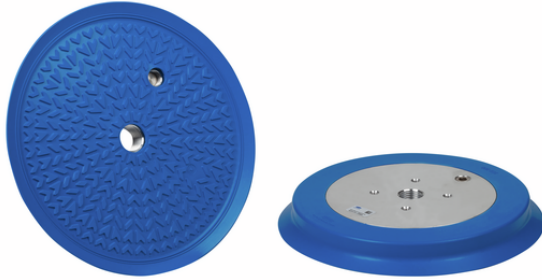


Suction plate (round)

## SGF 200 HT1-60 G1/2-IG



Art.-Nr.: 10.01.01.12893



### Technical data

| Attribute                   | Value                         |
|-----------------------------|-------------------------------|
| Suction cup material        | High temperature material HT1 |
| Material hardness [Shore A] | 60.0 Shore A                  |
| Size                        | 200.00                        |
| Connection                  | G1/2"-F                       |

SGF 200 HT1-60 G1/2-IG

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

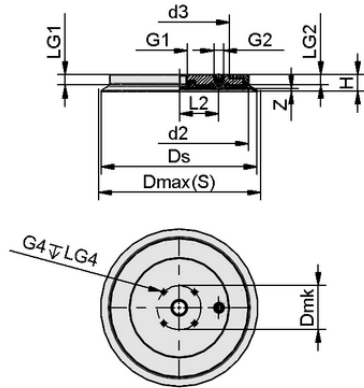
- Sealing ring of type DR-SGF – elastomer part, available in various diameters
- Aluminum support plate – available with various threads

Available spare parts: sealing ring of type DR-SGF

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



[WWW.SCHMALZ.COM/10.01.01.12893](http://WWW.SCHMALZ.COM/10.01.01.12893)

**Design data**

| Attribute         | Value    |
|-------------------|----------|
| Length L2         | 52.80 mm |
| Height H          | 22.00 mm |
| d2                | 185.0 mm |
| Thread G1         | G1/2"-F  |
| Thread length LG1 | 14.0 mm  |
| Thread G2         | G1/4"-F  |
| Thread length LG2 | 14.0 mm  |
| Hole size d3      | 134.0 mm |
| Dmk               | 58.3 mm  |
| Spring stroke Z   | 3.6 mm   |
| Diameter Ds       | 206.0 mm |
| Thread length LG4 | 10.5 mm  |
| Diameter Dmax(S)  | 213.0 mm |
| Thread G4         | M6-F     |

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

Design data SGF 200 HT1-60 G1/2-IG

**Technical data**

| Attribute                      | Value                         |
|--------------------------------|-------------------------------|
| Suction cup material           | High temperature material HT1 |
| Material hardness [Shore A]    | 60.0 Shore A                  |
| Hose inner diameter (recom.) d | 12.0 mm                       |
| Workpiece radius min. (convex) | 3,500.0 mm                    |
| Suction force (-600mbar)       | 1,880.00 N                    |
| Weight                         | 1,030.00 g                    |
| Volume                         | 144.065 cm <sup>3</sup>       |
| Size                           | 200.00                        |
| Suction force d2               | 1,610.00 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/10.01.01.12893](http://www.schmalz.com/10.01.01.12893)



Suction plate (round)

## SGF 200 HT1-60 G1/2-IG



Art.-Nr.: 10.01.01.12893



### Ordering Data Accessories 10.01.01.12893

| Typ               |                               | Item number    |
|-------------------|-------------------------------|----------------|
| Sieve, round      | SIEB 27x1 MS-A2 130 0.13/0.06 | 10.07.01.00110 |
| Touch Valve       | TV G1/4-AG 13                 | 10.05.10.00061 |
| Protection Covers | PC 200                        | 10.01.01.13089 |
| Suction cup cover | SU 210                        | 10.01.01.12439 |
| 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 10.01.01.12893

| Typ                                |                   | Item number    |
|------------------------------------|-------------------|----------------|
| Sealing screw without collar       | VRS-S G1/4-AG     | 10.08.06.00048 |
| Sealing ring for SGF suction plate | DR-SGF 200 HT1-60 | 10.01.01.12891 |



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