

Art.-Nr.: 10.01.01.12653

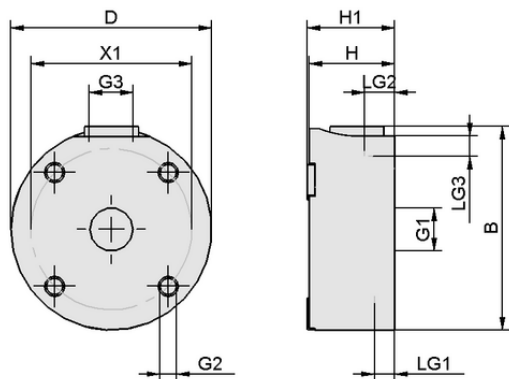


SBS 40 HF G1/8-IG AL

Floating suction cup SBS is delivered assembled. The assembly consists of:

- Floating suction cup of type SBS – available in various diameters
- Elastomer buffer made of the material HT1
- Optional product addition: central support

Available spare parts: Elastomer buffer, friction ring



Design data SBS 40 HF G1/8-IG AL

## Technical data

| Attribute                 | Value     |
|---------------------------|-----------|
| Material                  | Aluminum  |
| Shape                     | High flow |
| Compressed air connection | G1/8"-F   |
| Diameter                  | 40.0 mm   |

## Design data

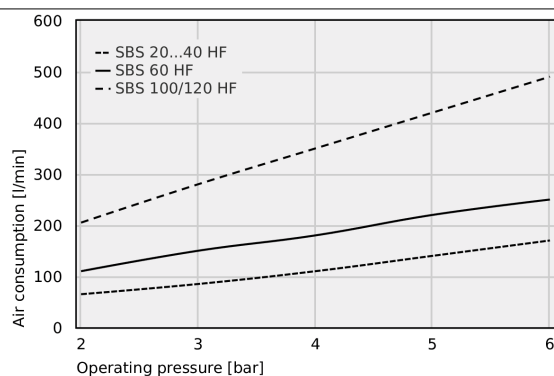
| Attribute          | Value    |
|--------------------|----------|
| Width B            | 41.00 mm |
| Height H1          | 17.40 mm |
| Height H           | 17.00 mm |
| Outside diameter D | 40.00 mm |
| Thread G1          | G1/8"-F  |
| Thread length LG1  | 5.0 mm   |
| Thread G2          | M4-F     |
| Thread length LG2  | 6.0 mm   |
| Thread length LG3  | 6.0 mm   |
| Hole spacing X1    | 32.0 mm  |

Art.-Nr.: 10.01.01.12653

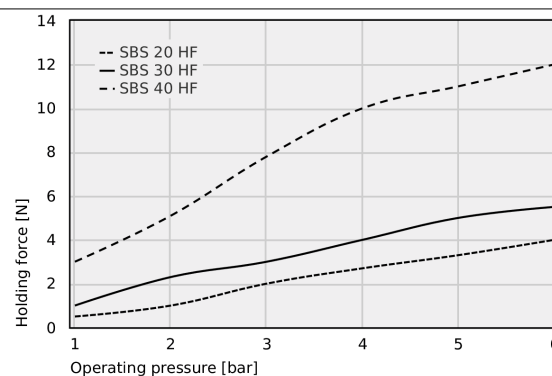
**Technical data**

| Attribute                                 | Value           |
|-------------------------------------------|-----------------|
| Weight                                    | 51.0 g          |
| Air consumption [l/min]                   | 190.0 l/min     |
| Air consumption                           | 11.400 m³/h     |
| Holding force                             | 10.5 N          |
| Pressure range (operating pressure) [bar] | 1.0 ... 6.0 bar |
| Product family                            | SBS             |

Note: Air consumption: The values provided are based on an operating pressure of 5 bar, measured on a suction-tight workpiece. The actual values may differ depending on the properties of the workpiece.

**Performance data**

Air consumption



Holding force

**Air consumption**

| Typ            | 2   | 3   | 4   | 5   | 6   |
|----------------|-----|-----|-----|-----|-----|
| SBS 20...40 HF | 65  | 85  | 110 | 140 | 170 |
| SBS 60 HF      | 110 | 150 | 180 | 220 | 250 |
| SBS 100/120 HF | 205 | 280 | 350 | 420 | 490 |



Art.-Nr.: 10.01.01.12653



## Holding force

| Typ       | 1    | 2    | 3    | 4     | 5     | 6     |
|-----------|------|------|------|-------|-------|-------|
| SBS 20 HF | 0.50 | 1.00 | 2.00 | 2.70  | 3.30  | 4.00  |
| SBS 30 HF | 1.00 | 2.30 | 3.00 | 4.00  | 5.00  | 5.50  |
| SBS 40 HF | 3.00 | 5.10 | 7.80 | 10.00 | 11.00 | 12.00 |



## Further documentation

CAD data and other documents relating to the article can be found at: [www.schmalz.com/10.01.01.12653](http://www.schmalz.com/10.01.01.12653)



## Ordering Data Spare Parts 10.01.01.12653

| Typ                                  | Item number                          |
|--------------------------------------|--------------------------------------|
| Friction surface (f. spec. grippers) | REIB-FL SBS HT1-60<br>10.01.01.12593 |