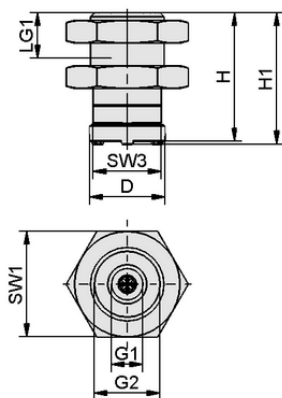


SBS 10 SF M5-IG AL

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 10 SF M5-IG AL

Technical data

Attribute	Value
Material	Aluminum
Shape	Standard flow
Compressed air connection	M5-F
Diameter	10.0 mm

Design data

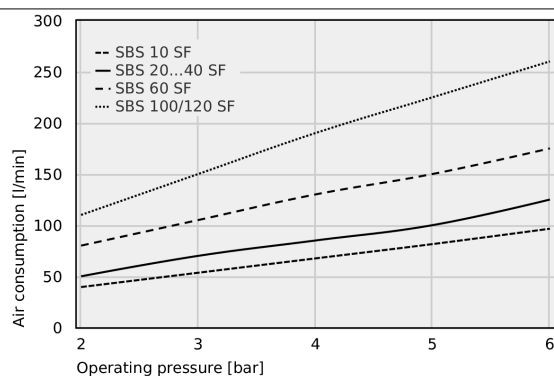
Attribute	Value
Height H1	17.40 mm
Height H	17.00 mm
Outside diameter D	10.00 mm
Thread G1	M5-F
Thread length LG1	5.0 mm
Thread G2	G1/8"-M
Key width SW1	14.0 mm
Key width SW3	9.0 mm

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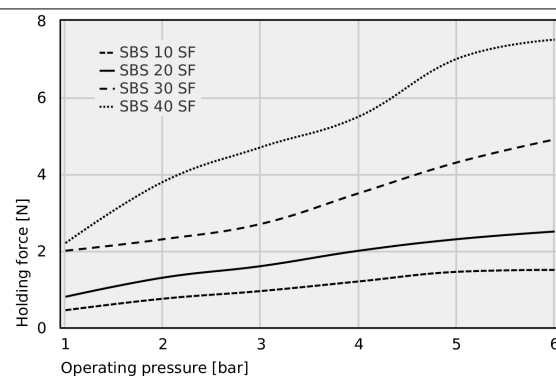
**Technical data**

Attribute	Value
Weight	7.5 g
Air consumption [l/min]	85.0 l/min
Air consumption	5.100 m ³ /h
Holding force	1.4 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 10 SF	39.50	53.50	67.50	81.50	96.50
SBS 20...40 SF	50.00	70.00	85.00	100.00	125.00
SBS 60 SF	80.00	105.00	130.00	150.00	175.00
SBS 100/120 SF	110.00	150.00	190.00	225.00	260.00



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**Holding force**

Typ	1	2	3	4	5	6
SBS 10 SF	0.45	0.75	0.95	1.20	1.45	1.50
SBS 20 SF	0.80	1.30	1.60	2.00	2.30	2.50
SBS 30 SF	2.00	2.30	2.70	3.50	4.30	4.90
SBS 40 SF	2.20	3.80	4.70	5.50	7.00	7.50

**Further documentation**CAD data and other documents relating to the article can be found at: www.schmalz.com/10.01.01.12986**Ordering Data Accessories 10.01.01.12986**

Typ	Item number
Cross-beam connection	HTR-STA 47 1N D10/16 FL 10.08.03.00085

**Ordering Data Spare Parts 10.01.01.12986**

Typ	Item number
Friction ring	REIB-RING SBS 10 HT1-60 10.01.01.12999

