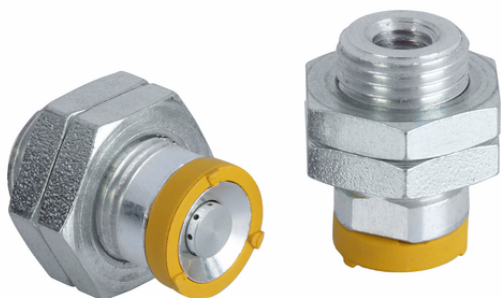


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Technical data

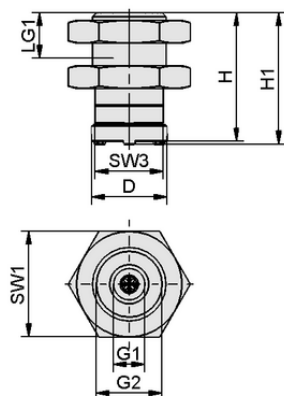
Attribute	Value
Shape	Standard flow
Compressed air connection	M5-F
Diameter	10.0 mm
Material	ESD/AL

SBS 10 SF M5-IG ESD/AL

The floating suction cup SBS-ESD is delivered assembled. The product consists of:

- Floating suction cup type SBS - available in various diameters
- Elastomer buffer made of NBR-ESD material
- Optional product addition: central support (SBS-40 and SBS-60)

Spare parts available: elastomer buffer, friction ring



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

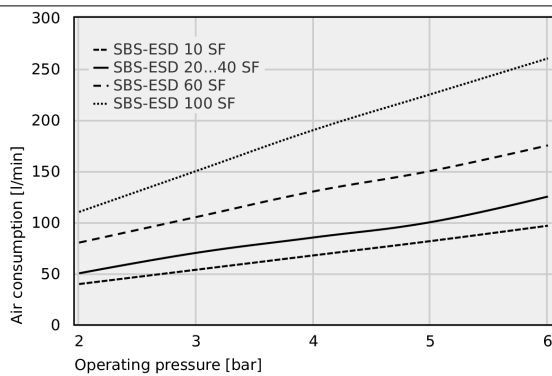
Design data SBS 10 SF M5-IG ESD/AL



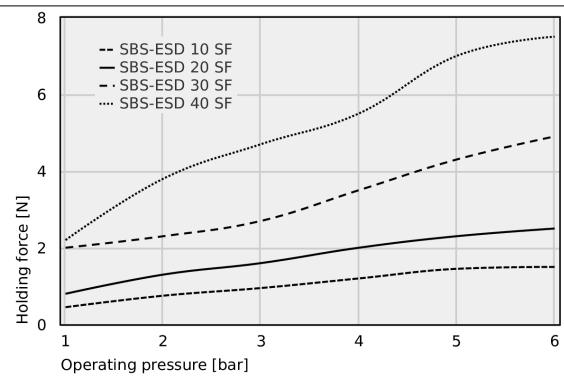
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**Technical data**

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-ESD

**Performance data**

Air consumption



Holding force

**Air consumption**

Typ	2	3	4	5	6
SBS-ESD 10 SF	39.50	53.50	67.50	81.50	96.50
SBS-ESD 20...40 SF	50.00	70.00	85.00	100.00	125.00
SBS-ESD 60 SF	80.00	105.00	130.00	150.00	175.00
SBS-ESD 100 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-ESD 10 SF	0.45	0.75	0.95	1.20	1.45	1.50
SBS-ESD 20 SF	0.80	1.30	1.60	2.00	2.30	2.50
SBS-ESD 30 SF	2.00	2.30	2.70	3.50	4.30	4.90
SBS-ESD 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/10.01.01.14668**Ordering Data Accessories 10.01.01.14668**

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

**Ordering Data Spare Parts 10.01.01.14668**

Typ	Item number
Friction ring	REIB-RING SBS 10 NBR-ESD-55 10.01.01.14669

