

Art.-Nr.: 10.01.01.12633



Technical data

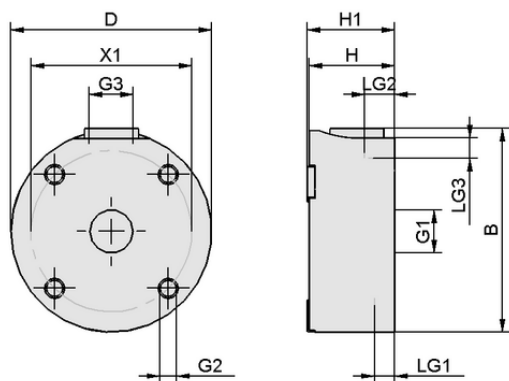
Attribute	Value
Material	Aluminum
Shape	Standard flow
Compressed air connection	M5-F
Diameter	20.0 mm

SBS 20 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

Attribute	Value
Width B	22.20 mm
Height H1	17.50 mm
Height H	17.00 mm
Outside diameter D	20.00 mm
Thread G1	M5-F
Thread length LG1	5.0 mm
Thread G2	M3-F
Thread length LG2	6.0 mm
Thread length LG3	6.0 mm
Hole spacing X1	15.0 mm

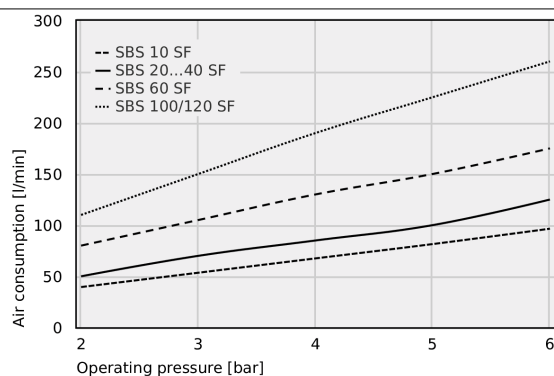
Design data SBS 20 SF M5-IG AL

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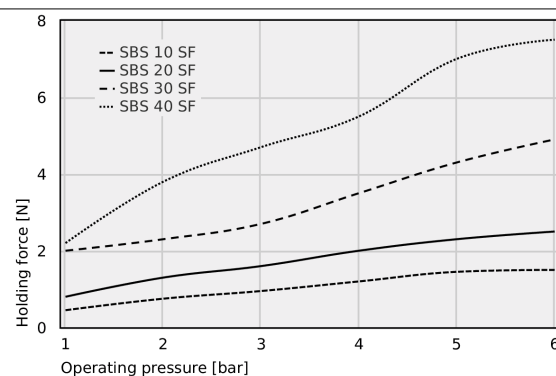
**Technical data**

Attribute	Value
Weight	12.0 g
Air consumption [l/min]	100.0 l/min
Air consumption	6.000 m³/h
Holding force	2.0 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/10.01.01.12633



Ordering Data Spare Parts 10.01.01.12633

Typ	Item number
Friction surface (f. spec. grippers)	REIB-FL SBS HT1-60 10.01.01.12585