

Art.-Nr.: 10.01.01.14809



Technical data

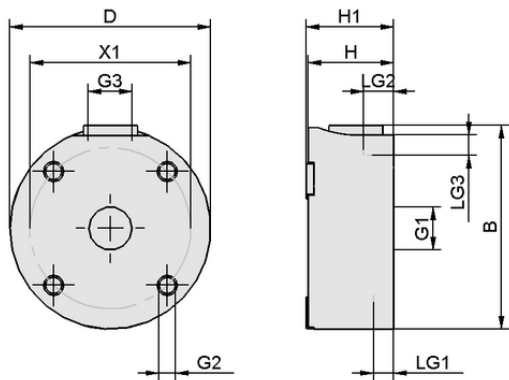
Attribute	Value
Shape	High flow
Compressed air connection	M5-F
Diameter	20.0 mm
Material	ESD/AL

SBS 20 HF 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
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

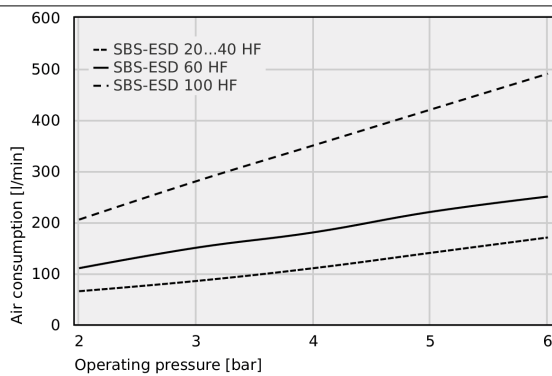
Design data SBS 20 HF M5-IG ESD/AL



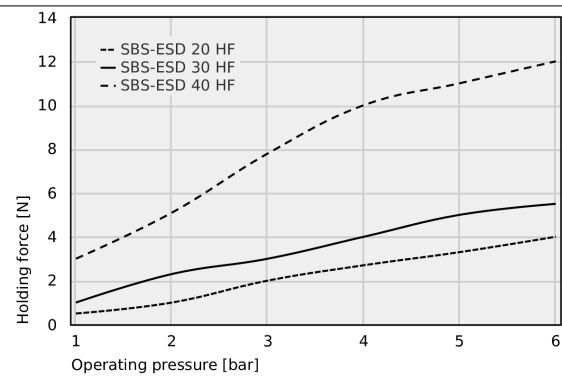
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**Technical data**

Attribute	Value
Weight	12.0 g
Air consumption [l/min]	140.0 l/min
Air consumption	8.400 m³/h
Holding force	3.0 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 20...40 HF	65	85	110	140	170
SBS-ESD 60 HF	110	150	180	220	250
SBS-ESD 100 HF	205	280	350	420	490

**Holding force**

Typ	1	2	3	4	5	6
SBS-ESD 20 HF	0.5	1	2.0	2.7	3.3	4.0
SBS-ESD 30 HF	1.0	2.3	3.0	4.0	5.0	5.5
SBS-ESD 40 HF	3.0	5.1	7.8	10.0	11.0	12.0



Floating suction cup

SBS 20 HF M5-IG ESD/AL



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Further documentation

CAD data and other documents relating to the article can be found at: www.schmalz.com/10.01.01.14809



Ordering Data Spare Parts 10.01.01.14809

Typ		Item number
Friction surface (f. spec. grippers)	REIB-FL SBS NBR-ESD-55	10.01.01.14704



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