

Bellows suction cup S.B5CS50.XXX.00



- ▶ The lifting movement can be used to separate small and thin objects.
- ▶ Only lightweight objects should be handled when the lifting force is parallel to the surface of the object, in order to achieve good precision and safe lifting movement.
- ▶ Suitable for level adjustment.
- ▶ Suction cups of conductive silicone and semi-conductive EPDM are suitable for objects with sensitivity to static electricity.

Lifting force

Description	Vertical		
	20 -kPa	60 -kPa	90 -kPa
Lifting forces	0.3 N	0.8 N	1.0 N

Technical data

Description	Unit	Value
Internal volume	cm ³	0.05
Weight	g	0
Min. curve radius -60 kPa	mm	1.5
Max. vertical movement	mm	1.5
Application	-	Electronic / semiconductor,
Material	-	Conductive Silicone (CSIL)
Colour	-	Black
Suction cup model	-	B
Suction cup shape	-	Bellows
Hardness °Shore A	-	50 °Shore A
Temperature range (°C)	°C	-55 – 230
Actuated outer diameter, Max	mm	6.8

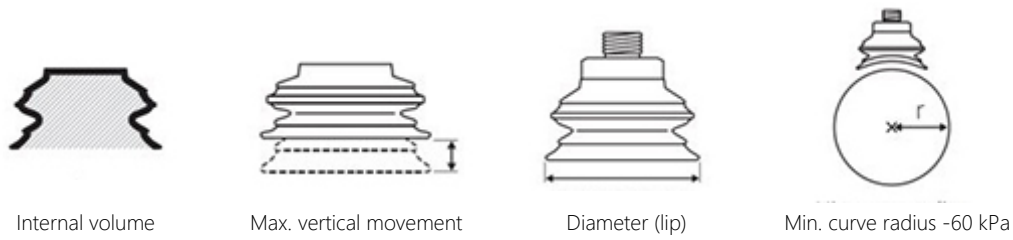
Material resistance , Conductive Silicone, CSIL

Description	Value
Alcohol	Good
Concentrated Acids	Poor
Ethanol	N/A
Hydrolysis	Good
Methanol	N/A
Oil	Fair
Oxidation	Good
Petrol	Fair
Wear Resistance	Excellent
Weather & Ozone	Good

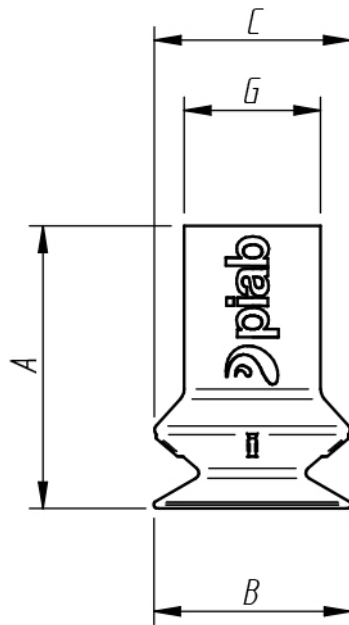
Values specified in data sheet are tested at:

- Room temperature (20°C [68°F] ± 3°C [5.5°F]).
- Standard atmosphere (101.3 [29.9 inHg] ± 1.0 kPa [0.3 inHg]).

- Relative humidity 20-70%.
- Compressed air quality, DIN ISO 8573-1 class 4.



Dimensional drawing



Product code	Description	Unit	Value
A	Building height	mm [inch]	9.2 [0.36"]
B	Diameter (lip)	mm [inch]	5.6 [0.22"]
C	Diameter (bellow)	mm [inch]	6.2 [0.24"]
G	Diameter (upper part cup)	mm [inch]	4.5 [0.18"]

Ordering information

Description	Product code
Bellows suction cup, Ø 5mm, Conductive Silicone, CSIL, 50 °Shore A, None, None, None, None	S.B5CS50.XXX.00

Ordering information, spare parts

Description	Art. No.
Suction cup B5 Conductive silicone	3150286SC

Ordering information, accessories

Description	Art. No.
Fitting M5 male, 5-8	0214015
Suction cup B5 Chloroprene	3150286
Suction cup B5 Silicone	3150286S
Suction cup B5 Silicone FCM	0200277
Suction cup B5 Semi-conductive EPDM	0129949
Suction cup B5 HNBR	0200893