Bellows suction cup S.B5CR50.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.

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	-	Dry sheet metal,
Material	-	Chloroprene (CR)
Colour	-	Black
Suction cup model	-	B
Suction cup shape	-	Bellows
Hardness °Shore A	-	50 °Shore A
Temperature range (°C)	°C	-40 – 110
Actuated outer diameter, Max	mm	6.8

Material resistance , Chloroprene

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^{0}C [68^{0}F] ± 3^{0}C [5.5^{0}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.

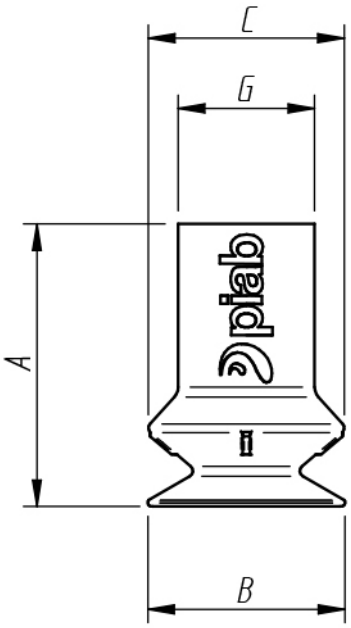
Internal volume

Max. vertical movement

Diameter (lip)

Min. curve radius -60 kPa

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, Chloroprene, 50 °Shore A, None, None, None, None	S.B5CR50.XXX.00

Ordering information, spare parts

Description	Art. No.
Suction cup B5 Chloroprene	3150286

Ordering information, accessories

Description	Art. No.
Fitting M5 male, 5–8	3107031
Suction cup B5 Silicone	3150286S
Suction cup B5 Conductive silicone	3150286SC
Suction cup B5 Silicone FCM	0200277
Suction cup B5 Semi-conductive EPDM	0129949
Suction cup B5 HNBR	0200893