



Item no: 0128105

Suction cup B75-2 Silicone, G1/2" female Al, with mesh filter

Several short bellows cups in one lifting device can handle objects with height differences and varying shapes. The bellows also provide a slight lifting movement to separate thin items. Materials used are silicone, conductive silicone, chloroprene, HNBR and nitrile-PVC.

- Suitable for level adjustment. Several short bellows in one lifting device can handle objects with height differences and varying shapes, for example embossed or corrugated plates.
- Lifting movement 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.

General

Application	PlasticInjectionMoldedParts, DrySheetMetal
Suction cup shape	Bellows
Material	Silicone (SIL)
Suction cup model	B
Weight	126 g
Volume	110 cm ³
Suction cup model	B75
Movement, vertical max.	24 mm
Curve radius, min.	40 mm



Fitting

Fitting option	Filter mesh
Fitting size	1/2"
Fitting style	Female
Fitting type	G-thread

Dimension

Height	50 mm
Outer diameter	78 mm


Performance - lifting forces

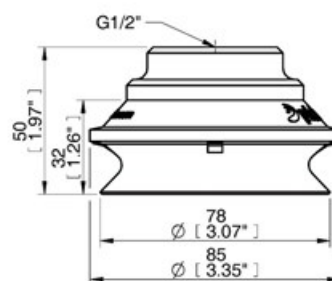
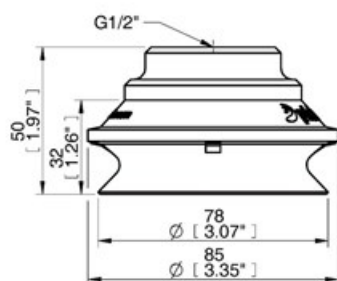
	B75		
20 -kPa		74 N	62.4 N
60 -kPa		167 N	122.4 N
90 -kPa		226 N	154.1 N

Material

Name	SIL
Colour	Red
Temperature	-40 - 200 °C
Hardness	50 °Shore A

	SIL
Alcohol	++
Concentrated acids	-
Ethanol	n/a
Hydrolysis	+
Methanol	n/a
Oil	-
Oxidation	+++
Petrol	-
Wear resistance	++
Weather and ozone	+++

Dimensional drawings 



Values specified in the 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: 0-100%
 - Compressed air quality: DIN ISO 8573-1 class 4
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Accessories

- 0201149 | Filter D=80, 10 pcs, for B75-2
- 0127821 | Fitting 1/4" NPT female Al, with mesh filter & 10-32 addl. conn.
- 0127819 | Fitting 1/8" NPSF female Al, with mesh filter
- 0100548 | Fitting 75, 1/8" NPSF female, with mesh filter
- 0100553 | Fitting 75, 3/8" NPSF female, with mesh filter
- 0100555 | Fitting 75, G1/2" female, with mesh filter
- 0100551 | Fitting 75, G3/8" female, with mesh filter
- 0101942 | Suction cup B75-2 Nitrile-PVC with filter
- 3150096P | Suction cup B75-2 Nitrile-PVC, with filter & washer
- 3150096S | Suction cup B75-2 Silicone, with filter & washer

Spare parts

- 0127820 | Fitting G1/2" female Al, with mesh filter
- 0101943 | Suction cup B75-2 Silicone with filter