

Suction cup B110 HNBR, 3/8" NPSF female, with mesh filter

, 0108179



- 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.
- 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.

General

Curve radius	60 mm
Movement, vertical max.	34.6 mm
Application	Mark Free, Dry sheet metal
Material	HNBR
Suction cup model	B
Suction cup shape	Bellows
Volume	310 cm ³
Weight	120 g

Fitting

Fitting size	3/8"
Fitting style	Female
Fitting type	NPSF-thread
Fitting option	Filter mesh

Dimension

Height	70.6 mm
Outer diameter	115 mm

Performance — lifting forces

20 -kPa	137 N
60 -kPa	343 N
90 -kPa	461 N

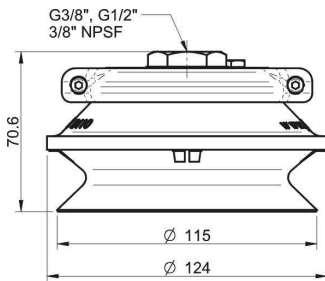
Material

	HNBR 75° Shore A
Colour	Blue/grey
Hardness	75 °Shore A
Temperature	-30 – 140 °C

Material resistance

	HNBR 75° Shore A
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

Spare parts

	Item no.
Suction cup B110 HNBR	3150108T
Fitting 110, 3/8" NPSF female, with mesh filter	0100559

Accessories

	Item no.
Suction cup B110 Silicone	3150108S
Suction cup B110 Nitrile-PVC	3150108P
Suction cup B110 HNBR with washer	3150035T
Fitting G1/2" female Al, with mesh filter	3250007
Fitting 110, G1/2" female, with mesh filter	0100561
Fitting 110 G3/8" female, with mesh filter	0100557