## Suction cup B20 Chloroprene, 5xM5 female

Article number: 0101164



- 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.

#### **Technical data**

Description	Unit	Value
Suction cup shape	-	Bellows
Application	-	Dry sheet metal, Plastic injection molded parts
Suction cup design	-	Round
Characteristics	-	Dry sheet metal, Plastic injection molded parts
Material	-	Chloroprene (CR)
Weight, min.	g	3.2
Suction cup model	-	В
Volume	cm³	2.7
Height	mm	28
Outer diameter, min.	mm	22
Fitting size	-	5×M5
Fitting option	-	None
Fitting style	-	Female
Fitting type	-	M-thread
Suction cup model	-	B20
Movement, vertical max.	mm	10
Curve radius, min.	mm	10

## **Performance - Lifting forces**

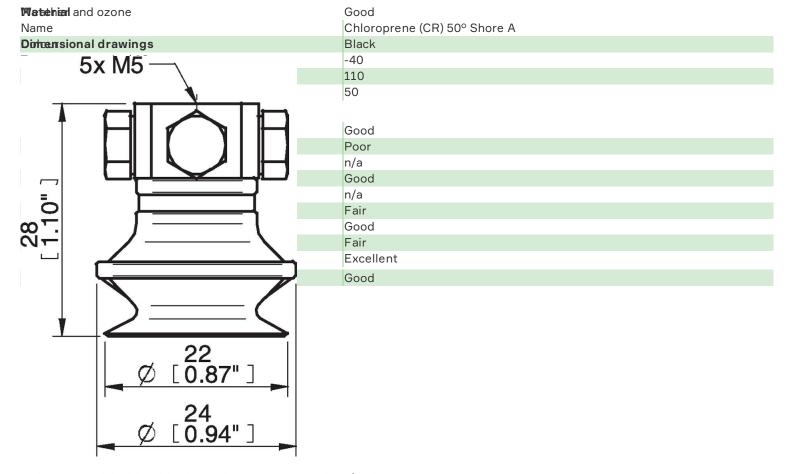
B20	Vertical (N)	Parallel (N)
20 -kPa	5.9	2.9
60 -kPa	9.8	5.4
90 -kPa	14	8.22

## Material

Name	Chloroprene (CR) 50° Shore A
Colour	Black
Temperature, min.   °C	-40
Temperature max.   °C	110
Hardness   °Shore A	50

#### Material resistance

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Alcohol	Good
Concentrated acids	Poor
Ethanol	n/a
Hydrolysis	Good
Methanol	n/a
Oil	Fair
Oxidation	Good
Petrol	Fair
Wear resistance	Excellent



# Values specified in this data sheet are tested at (unless otherwise stated):

- •Room temperature (20°C [68°F]  $\pm$  3°C [5.5°F]).
- •Standard atmosphere (101.3 [29.9 inHg]  $\pm$  1.0 kPa [0.3 inHg]).
- •Relative humidity 20-70%.
- •Compressed air quality, DIN ISO 8573-1 class 4.

## Accessories

0101102 | Suction cup B20 Silicone

0101152 | Fitting G1/8" male/M5 female, with mesh filter

0128712 | Suction cup B20 HNBR

3150196 | Fitting G1/8" male/M5 female, PA

3250003 | Fitting M5 female

3250004 | Fitting G1/8" male/M5 female

3250085 | Fitting G1/8" male, with mesh filter

3250088 | Fitting 1/8" NPT male, with mesh filter

3251001 | Fitting M5 female, with dual flow control valve

3251003 | Fitting 1/8" NPT male, with dual flow control valve

 $3251004\,|$  Fitting G1/8" male/M5 female, with dual flow control valve

3251005 | Fitting 5xM5 female, with dual flow control valve

## **Spare parts**

0100260 | Fitting 5xM5 female

0101101 | Suction cup B20 Chloroprene