

# Suction cup BL20-2 Chloroprene, G1/8" male, with mesh filter

Item number: BL20-2.10.02AB



- Suitable for level adjustment.
- Lifting movement to separate small and thin objects.
- Less suitable when the lifting force is parallel to the surface of the object.
- Optional reinforcement rings made of polyamide.

Technical data

| Description             | Unit            | Value                     |
|-------------------------|-----------------|---------------------------|
| Suction cup shape       | -               | Multibellows              |
| Application             | -               | Bag handling              |
| Suction cup design      | -               | Round                     |
| Characteristics         | -               | Bag handling              |
| Material                | -               | Chloroprene (CR)          |
| Weight, min.            | oz              | 0.11                      |
| Suction cup model       | -               | BL-2                      |
| Volume                  | in <sup>3</sup> | 0.24                      |
| Height                  | in              | 1.37                      |
| Outer diameter, min.    | in              | 0.79                      |
| Fitting size            | -               | 1/8"                      |
| Fitting option          | -               | Filter mesh               |
| Fitting style           | -               | Male                      |
| Fitting type            | -               | G-thread                  |
| Suction cup model       | -               | BL20-2 reinforcement ring |
| Movement, vertical max. | in              | 0.50                      |
| Curve radius, min.      | in              | 0.16                      |
| Suction cup model       | -               | BL20-2                    |
| Movement, vertical max. | in              | 0.50                      |
| Curve radius, min.      | in              | 0.16                      |

Performance - Lifting forces

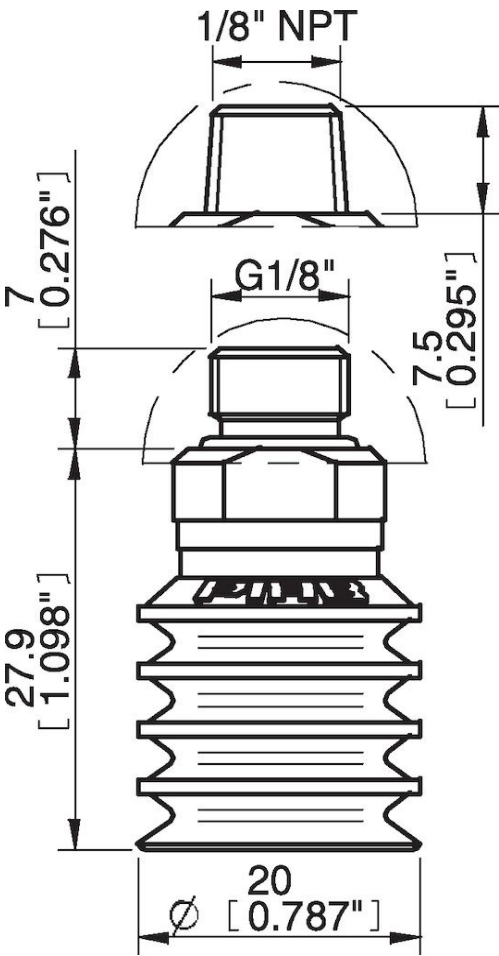
|                           | Vertical (lb) | Parallel (lb) |
|---------------------------|---------------|---------------|
| BL20-2 reinforcement ring |               |               |
| 5.91 -inHg                | 0.74          | 0.83          |
| 17.72 -inHg               | 1.84          | 1.35          |
| BL20-2                    |               |               |
| 5.91 -inHg                | 0.49          |               |
| 17.72 -inHg               | 1.57          |               |

| Material               |                              |
|------------------------|------------------------------|
| Name                   | Chloroprene (CR) 65° Shore A |
| Color                  | Black                        |
| Temperature, min.   °F | -40.0                        |
| Temperature max.   °F  | 230.0                        |
| Hardness   °Shore A    | 65                           |

Material resistance

|                    |           |
|--------------------|-----------|
| Alcohol            | Good      |
| Concentrated acids | Poor      |
| Ethanol            | n/a       |
| Hydrolysis         | Good      |
| Methanol           | n/a       |
| Oil                | Fair      |
| Oxidation          | Good      |
| Gasoline           | Fair      |
| Wear resistance    | Excellent |
| Weather and ozone  | Good      |

Dimensional drawings



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

- 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.

### **Accessories**

02AE | Fitting 5xM5 female

BL20-2.20 | Suction cup BL20-2 Silicone

02AF | Fitting G1/8" male/M5 female, with mesh filter

BL20-2.37 | Suction cup BL20-2 HNBR

02CD | Fitting G1/8" male/M5 female, PA

02AA | Fitting M5 female

02AD | Fitting G1/8" male/M5 female

02AC | Fitting 1/8" NPT male, with mesh filter

02DA | Fitting M5 female, with dual flow control valve

02DC | Fitting 1/8" NPT male, with dual flow control valve

02DD | Fitting G1/8" male/M5 female, with dual flow control valve

02DE | Fitting 5xM5 female, with dual flow control valve

31.50.071 | Strengthening ring set BL20, Set of 4

### **Spare parts**

BL20-2.10 | Suction cup BL20-2 Chloroprene

02AB | Fitting G1/8" male, with mesh filter