

Datasheet

Suction cup BL30-2 Chloroprene, 1/8" NPSF female, PA

Item number: BL30-2.10.04CA



- 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 | 0.25 |
| Suction cup model | - | BL-2 |
| Volume | in ³ | 0.61 |
| Height | in | 1.59 |
| Outer diameter, min. | in | 1.18 |
| Fitting size | - | 1/8" |
| Fitting option | - | None |
| Fitting style | - | Female |
| Fitting type | - | NPSF-thread |
| Suction cup model | - | BL30-2 reinforcement ring |
| Movement, vertical max. | in | 0.71 |
| Curve radius, min. | in | 0.31 |
| Suction cup model | - | BL30-2 |
| Movement, vertical max. | in | 0.71 |
| Curve radius, min. | in | 0.31 |

Performance - Lifting forces

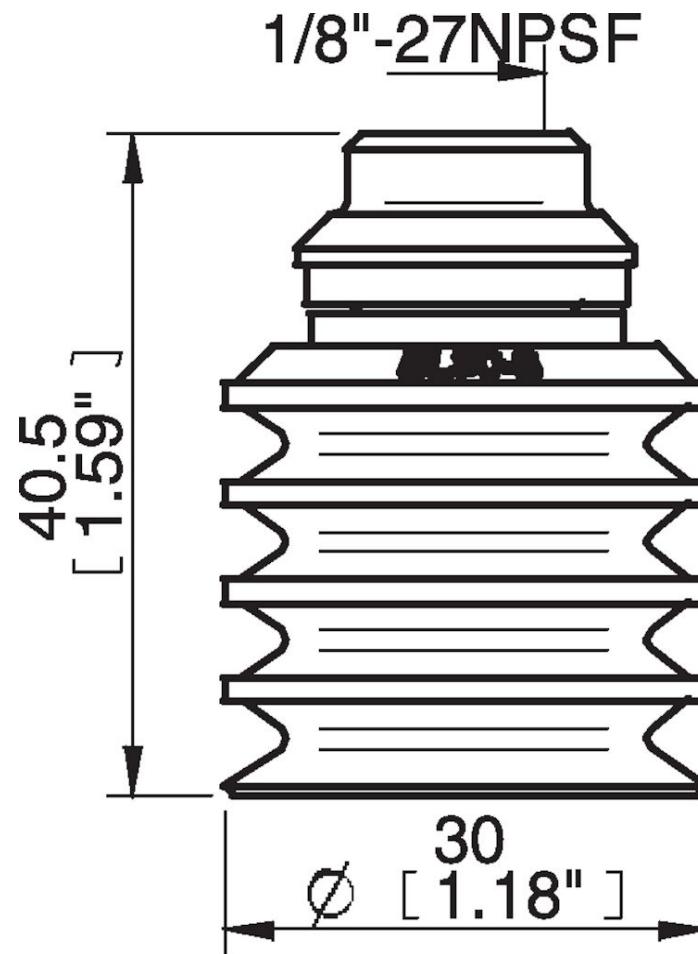
| BL30-2 reinforcement ring | Vertical (lb) | Parallel (lb) |
|---------------------------|---------------|---------------|
| 5.91 -inHg | 1.44 | |
| 17.72 -inHg | 3.60 | |
| BL30-2 | | |
| 5.91 -inHg | 1.57 | |
| 17.72 -inHg | 4.047 | |

| | |
|------------------------|------------------------------|
| 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

04AF | Fitting 5x1/8" NPSF female, 30–40
BL30-2.20 | Suction cup BL30-2 Silicone
04AG | Fitting 1/8" NPSF female, 30–40, with mesh filter
04AI | Fitting G1/8" male, 40, with mesh filter
04AA | Fitting 1/8" NPSF female, 30–40
04AD | Fitting G3/8" male, 30–40, with mesh filter
04AE | Fitting 3/8" NPT male, with mesh filter
04AB | Fitting G1/4" male, 30–40, with mesh filter
04AC | Fitting 1/4" NPT male, with mesh filter
04DA | Fitting 1/8" NPSF female, 30–40, with dual flow control valve
04DB | Fitting G1/4" male, 30–40, with dual flow control valve
04DC | Fitting 1/4" NPT male, with dual flow control valve
04DD | Fitting G3/8" male, 30–40, with dual flow control valve
04DE | Fitting 3/8" NPT male, with dual flow control valve
04DF | Fitting 5x1/8" NPSF female, 30–40, with dual flow control valve
31.50.072 | Strengthening ring set BL30, Set of 4

Spare parts

BL30-2.10 | Suction cup BL30-2 Chloroprene
04CA | Fitting 1/8" NPSF female, 30–40, PA