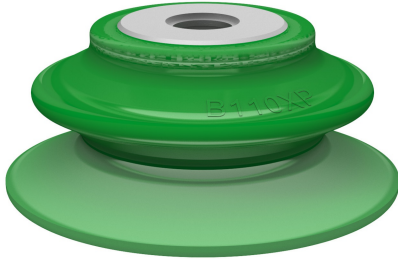# Datasheet

# Suction cup B110XP Polyurethane 60

**Article number: 0205220**



- Suitable for limited level adjustment with good stability.
- Excellent gripping performance on corrugated and porous or surface leaking objects such as cardboard, textured plastic parts and composite material (raw surface)
- In the two-coloured suction cup the bellows and the sealing lip are of different hardnesses, which makes the suction cup strong and stable for accelerations and speed, at the same time, soft and flexible.
- DURAFLEX® suction cups manufactured in a specially developed material that features the elasticity of rubber and wear resistance of polyurethane.
- The material DURAFLEX® is mark free.

**Technical data**

| Description | Unit | Value |
|---|---|---|
| Suction cup shape | - | Bellows |
| Application | - | Dry sheet metal, Glass handling |
| Suction cup design | - | Round |
| Characteristics | - | Dry sheet metal, Glass handling |
| Material | - | Polyurethane (PU) |
| Weight, min. | g | 140 |
| Suction cup model | - | B-XP |
| Volume | cm³ | 123 |
| Height | mm | 48.5 |
| Outer diameter, min. | mm | 113 |
| Fitting size | - | None |
| Fitting option | - | None |
| Fitting style | - | None |
| Fitting type | - | None |
| Suction cup model | - | B110XP PU60 |
| Movement, vertical max. | mm | 23.4 |
| Curve radius, min. | mm | 90 |

**Performance - Lifting forces**

| B110XP PU60 | Vertical (N) | Parallel (N) |
|---|---|---|
| 20 -kPa | 200 | 190 |
| 60 -kPa | 440 | 380 |
| 90 -kPa | 500 | 460 |

## Material

| | |
|---|---|
| Name | Polyurethane (PU60) |
| Colour | Green transparent |
| Temperature, min. | °C | 10 |
| Temperature max. | °C | 50 |
| Hardness | °Shore A | 60 |

## Material resistance

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

## Dimensional drawings
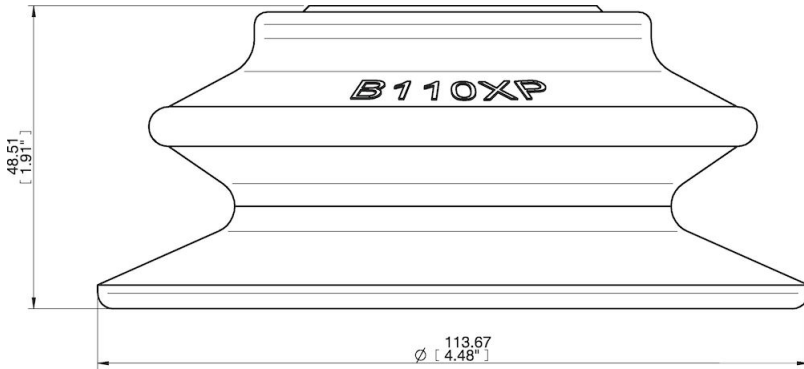


## Values specified in this data sheet are tested at (unless otherwise stated):

- 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

0106797 | Thread insert G3/8" male, with O-ring