

Datasheet

Suction cup BX10P Polyurethane 60, M5 male

Item number: BX10P.4E.01AC



- Suitable for level adjustment and for uneven and porous surfaces such as cardboard, etc.
- In the two-colored suction cup the bellows and the sealing lip are of different hardnesses, which makes the suction cup strong and stable and, 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 | - | Multibellows |
| Application | - | Dry sheet metal, Corrugated cardboard/Paperboard, Plastic injection molded parts, Mark Free |
| Suction cup design | - | Round |
| Characteristics | - | Dry sheet metal, Corrugated / cardboard, Plastic injection molded parts, Mark free |
| Material | - | Polyurethane (PU) |
| Weight, min. | oz | 0.035 |
| Suction cup model | - | BX-P |
| Volume | in ³ | 0.034 |
| Height | in | 0.98 |
| Outer diameter, min. | in | 0.43 |
| Fitting size | - | M5 |
| Fitting option | - | None |
| Fitting style | - | Male |
| Fitting type | - | M-thread |
| Suction cup model | - | BX10P PU60 |
| Movement, vertical max. | in | 0.18 |
| Curve radius, min. | in | 0.24 |

Performance - Lifting forces

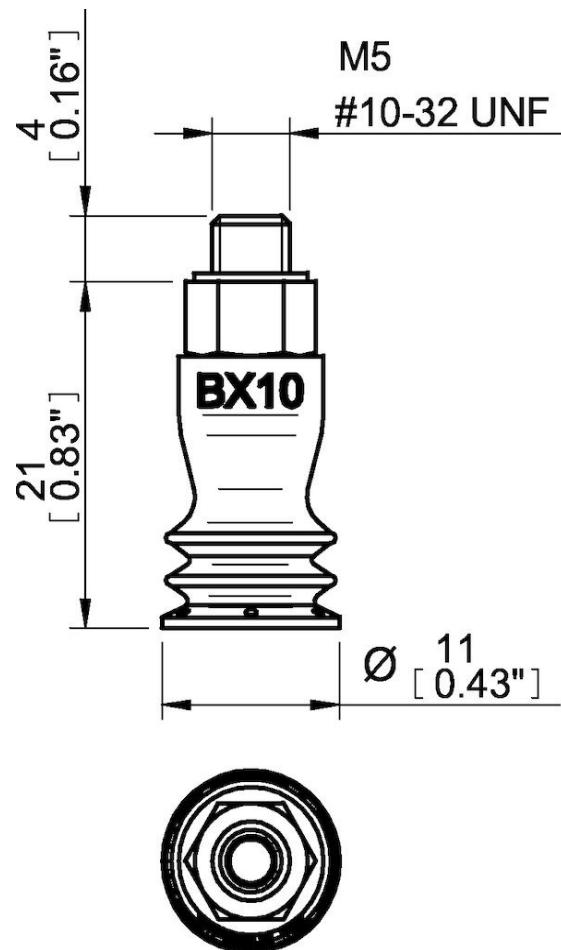
| BX10P PU60 | Vertical (lb) | Parallel (lb) |
|-------------|---------------|---------------|
| 5.91 -inHg | 0.22 | 0.11 |
| 17.72 -inHg | 0.52 | 0.15 |
| 26.58 -inHg | 0.83 | 0.22 |

| | |
|------------------------|---------------------|
| Material | |
| Name | Polyurethane (PU60) |
| Color | Green transparent |
| Temperature, min. °F | 50.0 |
| Temperature max. °F | 122.0 |
| Hardness °Shore A | 60 |

Material resistance

| | |
|--------------------|-----------|
| Alcohol | n/a |
| Concentrated acids | Fair |
| Ethanol | Fair |
| Hydrolysis | Fair |
| Methanol | Poor |
| Oil | Excellent |
| Oxidation | Poor |
| Gasoline | 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

BX10P.4K | Suction cup BX10P Polyurethane 30/60

Spare parts

BX10P.4E | Suction cup BX10P Polyurethane 60

01AC | Fitting M5 male, 10-15