

Suction cup BX52P Polyurethane 60 with filter, 1/8" NPSF female

Item number: BX52P.4E.05AA.F



- Suitable for level adjustment and for uneven and porous surfaces such as cardboard, etc.
- Dual hardness allowing strength and stability in conjunction with softness and flexibility.
- DURAFLEX® material features the elasticity of rubber in combination with the wear resistance of polyurethane.
- The DURAFLEX® material is mark-free.
- Filter disk made of polyester PES4/14 and TPE.

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 | 0.85 |
| Suction cup model | - | BX-P |
| Volume | in ³ | 1.83 |
| Height | in | 1.89 |
| Outer diameter, min. | in | 2.087 |
| Fitting size | - | 1/8" |
| Fitting option | - | Filter disc |
| Fitting style | - | Female |
| Fitting type | - | NPSF-thread |
| Suction cup model | - | BX52P PU60 |
| Movement, vertical max. | in | 0.75 |
| Curve radius, min. | in | 1.26 |

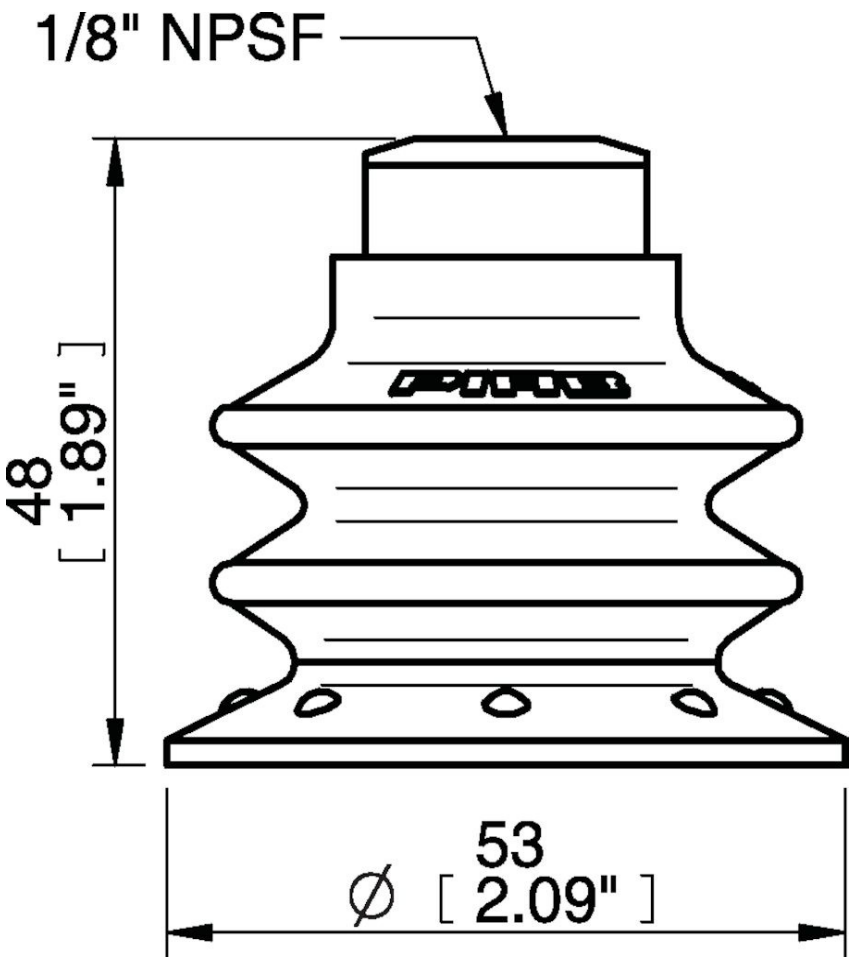
Performance - Lifting forces

| BX52P PU60 | Vertical (lb) | Parallel (lb) |
|-------------|---------------|---------------|
| 5.91 -inHg | 7.87 | 6.070 |
| 17.72 -inHg | 13.26 | 11.016 |
| 26.58 -inHg | 17.98 | 12.59 |

| 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

05AF | Fitting 5x1/8" NPSF female, 50
05AG | Fitting 1/8" NPSF female, 50, with mesh filter
BX52P.4K | Suction cup BX52P Polyurethane 30/60
BX52P.4K.F | Suction cup BX52P Polyurethane 30/60, with filter
BX52P.4E | Suction cup BX52P Polyurethane 60
05AI | Fitting G1/8" male, 50, with mesh filter
05AD | Fitting G3/8" male, 50, with mesh filter
05AE | Fitting 3/8" NPT male, with mesh filter
05AB | Fitting G1/4" male, 50, with mesh filter
05AC | Fitting 1/4" NPT male, with mesh filter
05DA | Fitting 1/8" NPSF female, 50, with dual flow control valve
05DB | Fitting G1/4" male, with dual flow control valve
05DC | Fitting 1/4" NPT male, with dual flow control valve
05DD | Fitting G3/8" male, 50, with mesh filter and dual flow control valve
05DE | Fitting 3/8" NPT male, with dual flow control valve
05DF | Fitting 5x1/8" NPSF female, 50, with dual flow control valve

Spare parts

BX52P.4E.F | Suction cup BX52P Polyurethane 60, with filter
05AA | Fitting 1/8" NPSF female, 50
02.01.002 | Suction cup filter BX52P, 10 pcs