

Suction cup BX25P Polyurethane 60 with filter, M5 female

Item number: BX25P.4E.02AA.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, Mark Free, Plastic injection molded parts
Suction cup design	-	Round
Characteristics	-	Dry sheet metal, Corrugated / cardboard, Mark free, Plastic injection molded parts
Material	-	Polyurethane (PU)
Weight, min.	oz	0.11
Suction cup model	-	BX-P
Volume	in ³	0.18
Height	in	0.98
Outer diameter, min.	in	1.024
Fitting size	-	None
Fitting option	-	Filter disc
Fitting style	-	Female
Fitting type	-	M-thread
Suction cup model	-	BX25P PU60
Movement, vertical max.	in	0.33
Curve radius, min.	in	0.31

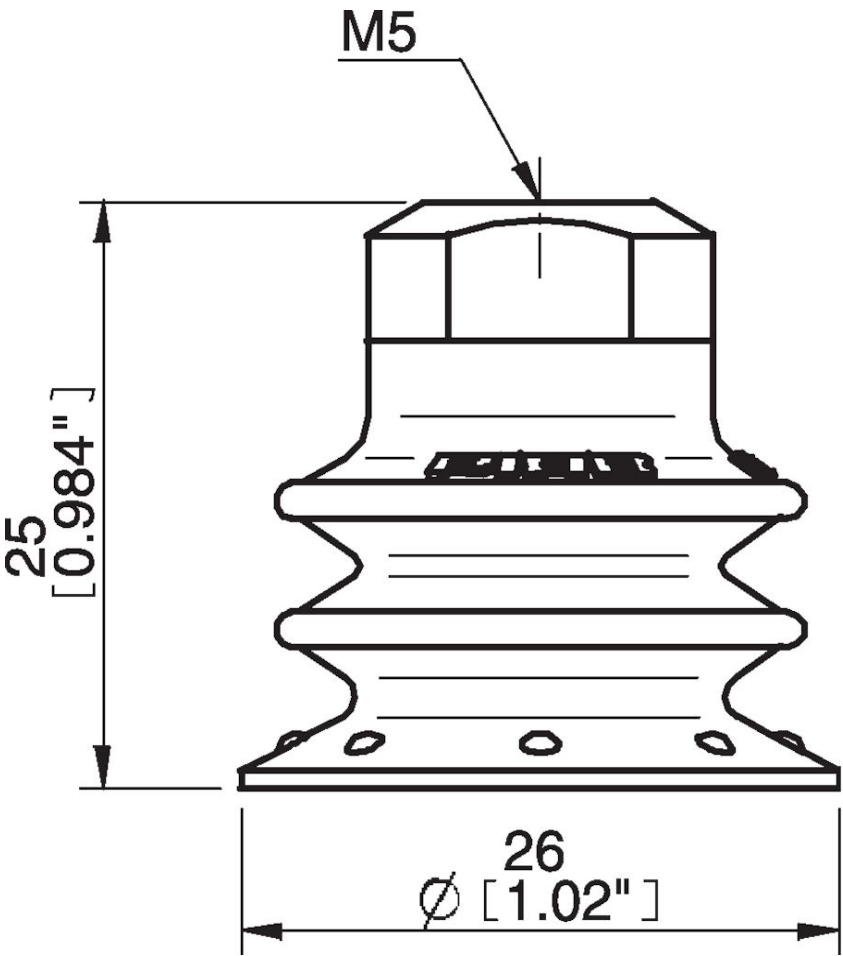
Performance - Lifting forces

BX25P PU60	Vertical (lb)	Parallel (lb)
5.91 -inHg	2.023	1.57
17.72 -inHg	3.15	2.47
26.58 -inHg	4.047	3.15

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

02AE | Fitting 5xM5 female

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

BX25P.4E | Suction cup BX25P Polyurethane 60

BX25P.4K | Suction cup BX25P Polyurethane 30/60

BX25P.4K.F | Suction cup BX25P Polyurethane 30/60, with filter

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

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

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

Spare parts

BX25P.4E.F | Suction cup BX25P Polyurethane 60, with filter

02AA | Fitting M5 female

02.01.000 | Suction cup filter BX25P, 10 pcs