## Datasheet

# Suction cup BX25P Polyurethane 30/60

### Article number: 0109006

• Suitable for level adjustment and for uneven and porous surfaces such as cardboard, etc.

- 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, 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.	g	3
Suction cup model	-	BX-P
Volume	cm <sup>3</sup>	3
Height	mm	19
Outer diameter, min.	mm	26
Fitting size	-	None
Fitting option	-	None
Fitting style	-	None
Fitting type	-	None
Suction cup model	-	BX25P PU30 PU60
Movement, vertical max.	mm	8.5
Curve radius, min.	mm	6

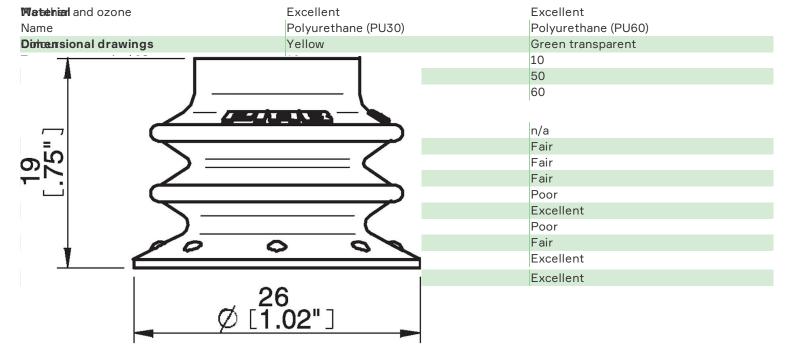
#### **Performance - Lifting forces**

BX25P PU30 PU60	Vertical (N)	Parallel (N)
20 -kPa	8	5
60 -kPa	13	10
90 -kPa	17	12

#### Material

Name	Polyurethane (PU30)	Polyurethane (PU60)			
Colour	Yellow	Green transparent			
Temperature, min.   °C	10	10			
Temperature max.   °C	50	50			
Hardness   <sup>o</sup> Shore A	30	60			
Material resistance					
Alcohol	n/a	n/a			
Concentrated acids	Fair	Fair			
Ethanol	Fair	Fair			
Hydrolysis	Fair	Fair			
Methanol	Poor	Poor			
Oil	Excellent	Excellent			
Oxidation	Poor	Poor			
Petrol	Fair	Fair			
Wear resistance	Excellent	Excellent			

### 2) piab



# 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

- 0100260 | Fitting 5xM5 female
- 0101152 | Fitting G1/8" male/M5 female, with mesh filter
- 3250003 | Fitting M5 female
- 3250004 | Fitting G1/8" male/M5 female
- 3250085 | Fitting G1/8" male, with mesh filter
- 3250088 | Fitting 1/8" NPT male, with mesh filter
- 3251001 | Fitting M5 female, with dual flow control valve
- 3251003 | Fitting 1/8" NPT male, with dual flow control valve
- 3251004 | Fitting G1/8" male/M5 female, with dual flow control valve
- 3251005 | Fitting 5xM5 female, with dual flow control valve

#### Spare parts

0201000 | Suction cup filter BX25P, 10 pcs