# Suction cup BX20P Polyurethane 60, M5 female

Article number: 0125109



- Suitable for level adjustment and for uneven and porous surfaces such as cardboard, etc.
- In the two-coloured 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**

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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	1.43
Suction cup model	-	BX-P
Volume	cm³	1.16
Height	mm	21.2
Outer diameter, min.	mm	21
Fitting size	-	None
Fitting option	-	None
Fitting style	-	Female
Fitting type	-	M-thread
Suction cup model	-	BX20P PU60
Movement, vertical max.	mm	7.5
Curve radius, min.	mm	8.5

# **Performance - Lifting forces**

BX20P PU60	Vertical (N)	Parallel (N)
20 -kPa	4.8	1.93
60 -kPa	7	5.18
90 -kPa	11	6.13

Polyurethane (PU60)

#### Material Name

Name	i diyarethane (i doo)
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

Poor

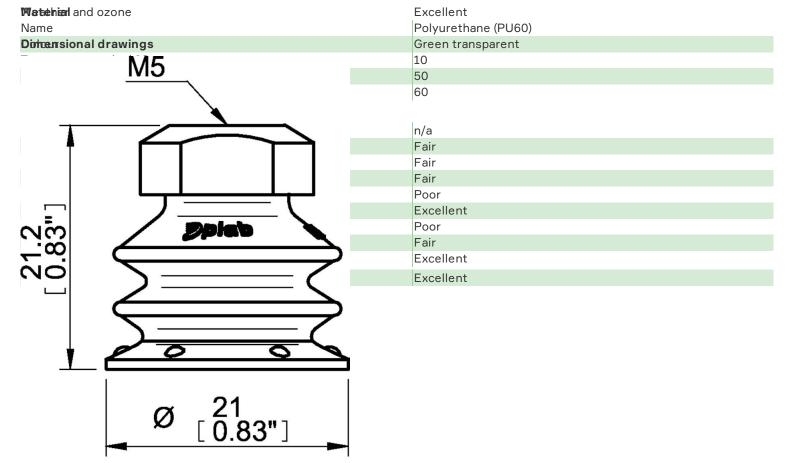
Fair

Excellent

Petrol

Oxidation

Wear resistance



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

- •Room temperature (20°C [68°F]  $\pm$  3°C [5.5°F]).
- •Standard atmosphere (101.3 [29.9 inHg]  $\pm$  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

0118507 | Suction cup BX20P Polyurethane 30/60

3250085 | Fitting G1/8" male, with mesh filter

3250088 | Fitting 1/8" NPT male, with mesh filter

3251004 | Fitting G1/8" male/M5 female, with dual flow control valve

### **Spare parts**

0124249 | Suction cup BX20P Polyurethane 60

3250003 | Fitting M5 female