

Suction cup B110XP Polyurethane 30/60, 3/8" NPSF female

Article number: 0205884



- Suitable for limited level adjustment with good stability.
- Excellent gripping performance on corrugated and porous or surface leaking objects such as cardboard, textured plastic parts and composite material (raw surface)
- In the two-coloured suction cup the bellows and the sealing lip are of different hardnesses, which makes the suction cup strong and stable for accelerations and speed, 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

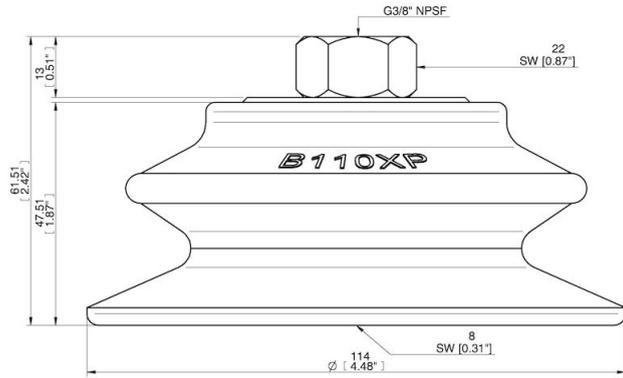
Description	Unit	Value
Suction cup shape	-	Bellows
Application	-	Corrugated / cardboard, Plastic injection molded parts
Suction cup design	-	Round
Characteristics	-	Corrugated / cardboard, Plastic injection molded parts
Material	-	Polyurethane (PU)
Weight, min.	g	140
Suction cup model	-	B-XP
Volume	cm ³	123
Height	mm	61.5
Outer diameter, min.	mm	113
Fitting size	-	3/8"
Fitting style	-	Female
Fitting type	-	NPSF-thread
Suction cup model	-	B110XP PU30 PU60
Movement, vertical max.	mm	23.4
Curve radius, min.	mm	80

Performance - Lifting forces

B110XP PU30 PU60	Vertical (N)	Parallel (N)
20 -kPa	190	170
60 -kPa	380	350
90 -kPa	470	430

Material		
Name	Polyurethane (PU30)	Polyurethane (PU60)
Colour	Yellow	Green transparent
Temperature, min. °C	10	10
Temperature max. °C	50	50
Hardness °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
Weather and ozone	Excellent	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

0106797 | Thread insert G3/8" male, with O-ring

Spare parts

0205021 | Suction cup B110XP Polyurethane 30/60