



### Bernoulli vacuum cups – Series SX-B-PK

Non-contact vacuum suction grippers for direct food contact



#### Product Description

- > Integrated vacuum generation on the Bernoulli principle
- > No ejector, requires compressed air only
- > Non-contact, deformation-resistant transport of thin and sensitive products
- > Suitable for direct contact with food products (FDA/EC compliant)
- > High holding force: Bernoulli vacuum cups can grip up to 1.200 g of mass
- > Perfectly suited for porous products thanks to high volume flow at low vacuum level
- > Easy to install, system flexibly expandable through lateral compressed air inlets
- > Long life cycle due to maintenance-free operation

#### Technical Data

Item no.	Model	Operating pressure [bar]	Holding force at 5 bar [N]	Air consumption at 5 bar [l/min]	Ambient air temperature [°C]	Medium	Oil content of compressed air [mg/m³]	Max. Particle size [µm]	Weight [g]
65.510-PK	SX-B-PK-20	1 - 7	2,5	150	5 - 60	Compressed air	0	40	10
65.520-PK	SX-B-PK-30	1 - 7	3	150	5 - 60	Compressed air	0	40	20
65.530-PK	SX-B-PK-40	1 - 7	5,5	150	5 - 60	Compressed air	0	40	30
65.540-PK	SX-B-PK-60	1 - 7	12	220	5 - 60	Compressed air	0	40	70

#### Technical specifications

- > The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C.
- > Notice: This product may only be operated with oil-free, dry compressed air.
- > Highly resistant against diverse chemicals used in the food industry.
- > Suitable for all conventional CIP (Cleaning-In-Place) and SIP (Sterilization-In-Place) processes.
- > Hygienic product design enables quick and easy cleaning.
- > Materials:
  - Housing: Polyetheretherketone
  - Pad: Silicone caoutchouc
  - Nozzle: Stainless steel
  - Seals: Fluorocaoutchouc
  - Blanking screw: Polyetheretherketone

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