

Suction Cups for Flow Grippers SCGS

Suction area (Ø) from 20 mm to 50 mm



Suitability for industry specific applications

Application

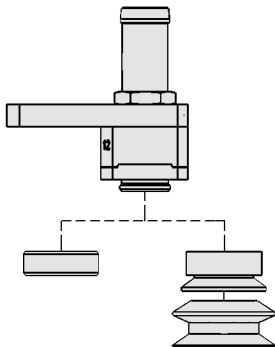
- Handling of products from areas such as electronics and packaging
- Handling of blank and assembled printed circuit boards
- Handling of non-rigid and unstable components
- Handling of composite textiles
- Handling of extremely thin, delicate plastic films and glass
- Handling of dry food products



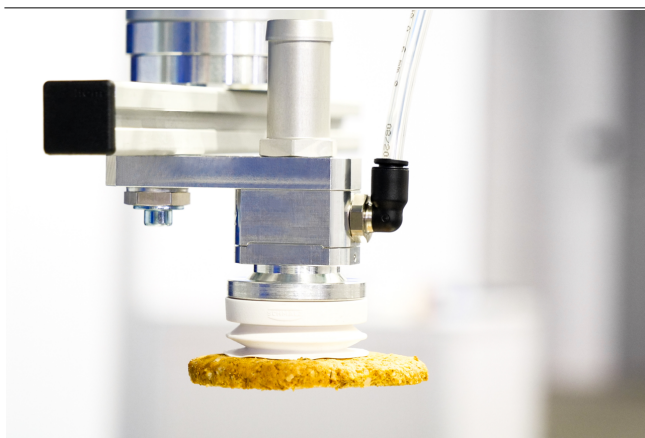
Suction Cups for Flow Grippers SCGS

Design

- Suction cup connector made from aluminum (FDA compliant)
- Suction cups (Ø 20-50 mm) made of FDA-compliant SI-MD, SI-HD and electrostatic NBR-ESD
- Gripping surface made out of POM (Ø 30 mm)
- Large shaft diameter for high flow rates



System design Suction Cups for Flow Grippers SCGS



Flow gripper SCGS when handling baked goods

Product highlights

- Contact elements optionally food-safe (POM, SI-MD und SI-HD) or conductive for electrostatic discharge (NBR-ESD)
- Very high suction flow rate enables safe gripping even of porous, highly structured workpieces
- Soft, flexible sealing lip for best damping and sealing on structured surfaces such as biscuits
- Suction surface made of POM prevents suction and damage to the workpiece
- Suction cup can be dismantled without tools for easy cleaning

Suction Cups for Flow Grippers SCGS

Suction area (Ø) from 20 mm to 50 mm

Designation code Suction Cups for Flow Grippers SCGS

SAUG-SCGS	–	20	–	SI-HD	–	B
1		2		3		4

1 – Abbreviated designation

Code	Version
SAUG-SCGS	SAUG-SCGS

2 – Suction area

Code	Diameter in mm
20...50	ø 20 to 50

3 – Material

Code	Material
NBR-ESD-55	Nitrile caoutchouc
SI-MD-55	Silicone
SI-HD-65	Silicone

4 – Design

Code	Type
B	Bellows suction cup

The flow gripper SCGS is constructed in two parts. To obtain a complete gripper (flow gripper + suction cup), the following ordering steps are necessary:

- Flow gripper (step1) – available for sideways mounting
- Suction cup (step 2)

Available accessories: screw in push fitting

Ordering data Suction Cups for Flow Grippers SCGS

Type	Part no.
Suction area	SAUG-FL SCGS 30 POM
	10.01.30.00894

Type	Part no.
Suction cup (round)	SAUG-SCGS 20 NBR-ESD-55 B
Suction cup (round)	SAUG-SCGS 30 NBR-ESD-55 B
Suction cup (round)	SAUG-SCGS 40 NBR-ESD-55 B
Suction cup (round)	SAUG-SCGS 50 NBR-ESD-55 B
Suction cup (round)	SAUG-SCGS 20 SI-MD-55 602 B
Suction cup (round)	SAUG-SCGS 30 SI-MD-55 602 B
Suction cup (round)	SAUG-SCGS 40 SI-MD-55 602 B
Suction cup (round)	SAUG-SCGS 50 SI-MD-55 602 B
Suction cup (round)	SAUG-SCGS 20 SI-HD-65 602 B
Suction cup (round)	SAUG-SCGS 30 SI-HD-65 602 B
Suction cup (round)	SAUG-SCGS 40 SI-HD-65 602 B
Suction cup (round)	SAUG-SCGS 50 SI-HD-65 602 B

Type	Part no.
Suction cup (round)	SAUG-SCGS 20 NBR-ESD-55
Suction cup (round)	SAUG-SCGS 30 NBR-ESD-55
Suction cup (round)	SAUG-SCGS 40 NBR-ESD-55
Suction cup (round)	SAUG-SCGS 50 NBR-ESD-55
Suction cup (round)	SAUG-SCGS 20 SI-HD-65
Suction cup (round)	SAUG-SCGS 30 SI-HD-65
Suction cup (round)	SAUG-SCGS 40 SI-HD-65
Suction cup (round)	SAUG-SCGS 50 SI-HD-65

Multimedia product presentation

Medium	Link
Product video	https://vimeo.com/691405259/dd95849c3a