

Suction Cups for Flow Grippers SCG

Suction rate from 270 l/min to 650 l/min



Suitability for Industry Specific Applications

Applications

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



Suction Cups for Flow Grippers SCG

Design

- Suction cup connection nipple made from POM (FDA compliant) or aluminum
- Suction cup (suction area \varnothing 20 mm to 50 mm) made from SI-MD or SI-HD (FDA compliant) or NBR-ESD (electrostatic)
- Large shaft diameter for high flow rates

Product Highlights

- Contact elements optionally food-safe (POM, SI-MD and SI-HD) or for controlled discharge of electrical charges (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

Designation Code Suction Cups for Flow Grippers SCG

SAUG-SCG	-	20	-	SI-MD-55	-	B
1		2		3		4

1 - Abbreviated designation

Code	Version
SAUG-SCG	SAUG-SCG

2 - Suction area

Code	Diameter in mm
20...50	\varnothing 20 to 50

3 - Material

Code	Material
NBR-ESD-55	Nitrile caoutchuc
SI-MD-55	Silicone
SI-HD	Silicone

4 - Design

Code	Type
B	Bellows suction cup

The flow gripper SCG for dry food s designed in two parts. In order to receive a complete gripper (flow gripper + suction cup) the following ordering steps are required:

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

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Available accessories: plug-in screw union

Ordering Data Suction Cups for Flow Grippers SCG

Type		Part no.
Suction area	SAUG-FL SCG 40 POM	10.01.30.00030
Suction area	SAUG-FL SCG 60 POM	10.01.30.00031

Type		Part no.
Suction cup (round)	SAUG-SCG 20 SI-MD-55 602 B	10.01.30.01079
Suction cup (round)	SAUG-SCG 30 SI-MD-55 602 B	10.01.30.01080
Suction cup (round)	SAUG-SCG 40 SI-MD-55 602 B	10.01.30.01081
Suction cup (round)	SAUG-SCG 50 SI-MD-55 602 B	10.01.30.01082
Suction cup (round)	SAUG-SCG 20 NBR-ESD-55 602 B	10.01.30.01083
Suction cup (round)	SAUG-SCG 30 NBR-ESD-55 602 B	10.01.30.01084
Suction cup (round)	SAUG-SCG 40 NBR-ESD-55 602 B	10.01.30.01085
Suction cup (round)	SAUG-SCG 50 NBR-ESD-55 602 B	10.01.30.01086
Suction cup (round)	SAUG-SCG 20 SI-HD-65 602 B	10.01.30.01099
Suction cup (round)	SAUG-SCG 30 SI-HD-65 602 B	10.01.30.01100
Suction cup (round)	SAUG-SCG 40 SI-HD-65 602 B	10.01.30.01101
Suction cup (round)	SAUG-SCG 50 SI-HD-65 602 B	10.01.30.01102

Type		Part no.
Suction cup (round)	SAUG-SCG 50 SI-HD-65	10.01.30.00593
Suction cup (round)	SAUG-SCG 30 SI-HD-65	10.01.30.00655
Suction cup (round)	SAUG-SCG 40 SI-HD-65	10.01.30.00660
Suction cup (round)	SAUG-SCG 20 SI-HD-65	10.01.30.00661
Suction cup (round)	SAUG-SCG 20 SI-55	10.01.30.00665
Suction cup (round)	SAUG-SCG 30 SI-55	10.01.30.00666
Suction cup (round)	SAUG-SCG 40 SI-55	10.01.30.00667
Suction cup (round)	SAUG-SCG 50 SI-55	10.01.30.00668
Suction cup (round)	SAUG-SCG 20 NBR-CO-55	10.01.30.00716
Suction cup (round)	SAUG-SCG 30 NBR-CO-55	10.01.30.00717
Suction cup (round)	SAUG-SCG 40 NBR-CO-55	10.01.30.00718
Suction cup (round)	SAUG-SCG 50 NBR-CO-55	10.01.30.00719