

Flow gripper (mod)

SCG 1xE100 A MS AR M37x1-AG

Part no.:10.01.30.00170

<https://www.schmalz.com/10.01.30.00170>

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Flow Grippers for handling sensitive components



Number of ejectors: 1

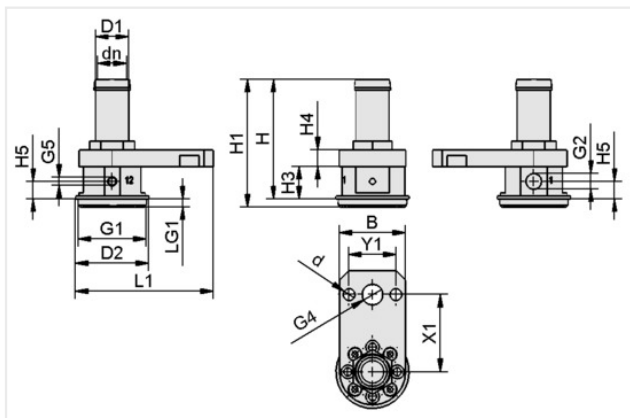
Performance class: E100

construction shape compact ejectors: Blow-off function

Mounting: sideways

Add. function: Exhaust air connection axial

Design Data



Attribute	Value
B	36 mm
d	6.60 mm
dn	12.50 mm
D1	18 mm
D2	39.80 mm
G1	M37x1-M
G2	G1/8"-F
G4	G1/4"-F
G5	M5-F
H	65.10 mm
H1	69.60 mm
H3	17.60 mm
H4	9 mm
H5	9.50 mm
L1	74.90 mm
LG1	4.50 mm
X1	42 mm
Y1	25.50 mm

Technical Data

Contact Schmalz

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Attribute	Value
construction shape compact ejectors	A
Mounting	sideways
Suction rate	270 ... 650 l/min
Suction rate	16.2 ... 39.0 m³/h
Air consumption	60 ... 200 l/min
Air consumption	3.6 ... 12.0 m³/h
Pressure range (operating pressure)	1.0 ... 5.0 bar
Operating temperature	5 ... 75 °C
Weight	109 g
Product family	SCG

Note: Compressed-air consumption: The specified value can be equal for suction and blow-off. Operating pressures below 1 bar are possible but have to be tested individually

Accessories



SAUG-FL SCG 40 POM

Part no.:10.01.30.00030

External diameter D: 40 mm

Height H: 9.5 mm

Suction cup material: Poloxymethylene POM

Working temperature max.: 80 °C

Construction use: Flow gripper



SAUG-FL SCG 60 POM

Part no.:10.01.30.00031

External diameter D: 60 mm

Height H: 9.5 mm

Suction cup material: Poloxymethylene POM

Working temperature max.: 80 °C

Construction use: Flow gripper

Contact Schmalz

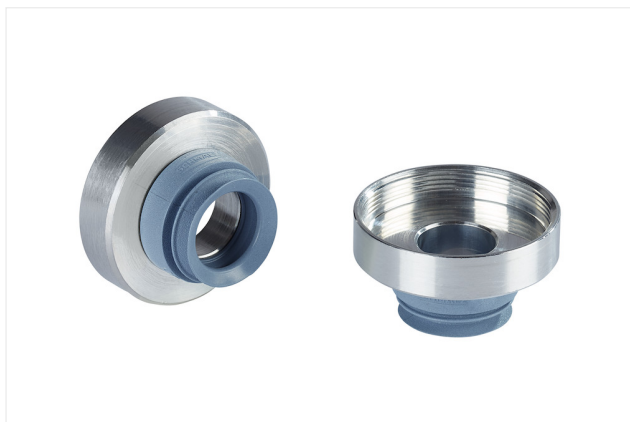
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SAUG-SCG 20 SI-MD-55 602 B

Part no.:10.01.30.01079

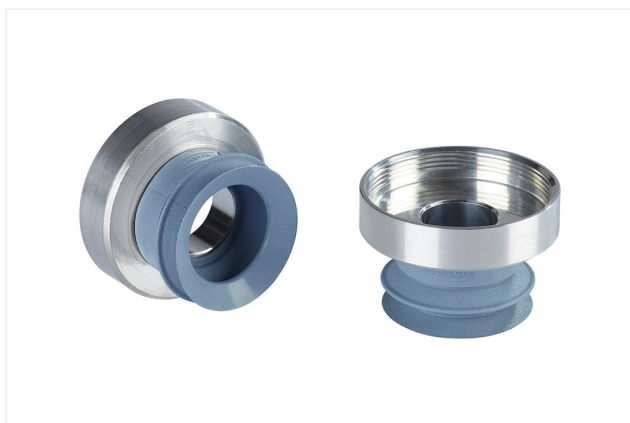
Size: 20

Height H: 22.5 mm

Suction cup material: Silicone SI metal detectable

Material hardness [Shore A]: 55 Shore A

Suct. cups: Bell. suct. cup f. SCG(S)



SAUG-SCG 30 SI-MD-55 602 B

Part no.:10.01.30.01080

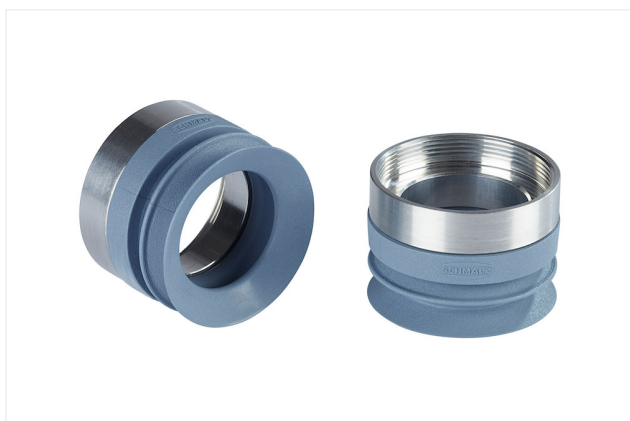
Size: 30

Height H: 26.3 mm

Suction cup material: Silicone SI metal detectable

Material hardness [Shore A]: 55 Shore A

Suct. cups: Bell. suct. cup f. SCG(S)



SAUG-SCG 40 SI-MD-55 602 B

Part no.:10.01.30.01081

Size: 40

Height H: 29 mm

Suction cup material: Silicone SI metal detectable

Material hardness [Shore A]: 55 Shore A

Suct. cups: Bell. suct. cup f. SCG(S)

Contact Schmalz

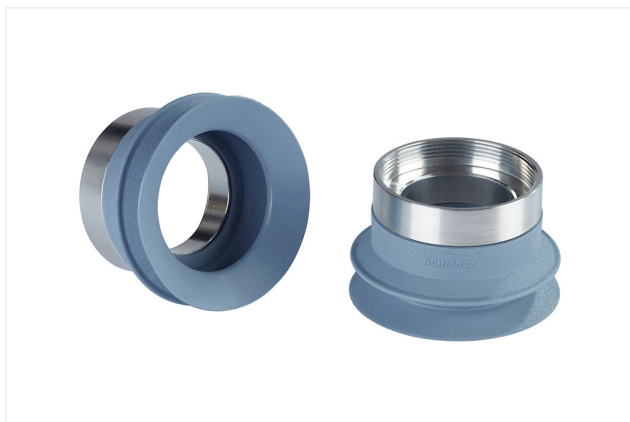
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SAUG-SCG 50 SI-MD-55 602 B

Part no.:10.01.30.01082

Size: 50

Height H: 31.5 mm

Suction cup material: Silicone SI metal detectable

Material hardness [Shore A]: 55 Shore A

Suct. cups: Bell. suct. cup f. SCG(S)



SAUG-SCG 20 SI-HD-65 602 B

Part no.:10.01.30.01099

Size: 20

Height H: 22.5 mm

Suction cup material: Silicone SI-HD

Material hardness [Shore A]: 65 Shore A

Suct. cups: Bell. suct. cup f. SCG(S)



SAUG-SCG 30 SI-HD-65 602 B

Part no.:10.01.30.01100

Size: 30

Height H: 26.3 mm

Suction cup material: Silicone SI-HD

Material hardness [Shore A]: 65 Shore A

Suct. cups: Bell. suct. cup f. SCG(S)

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SAUG-SCG 40 SI-HD-65 602 B

Part no.:10.01.30.01101

Size: 40

Height H: 29 mm

Suction cup material: Silicone SI-HD

Material hardness [Shore A]: 65 Shore A

Suct. cups: Bell. suct. cup f. SCG(S)



SAUG-SCG 50 SI-HD-65 602 B

Part no.:10.01.30.01102

Size: 50

Height H: 31.5 mm

Suction cup material: Silicone SI-HD

Material hardness [Shore A]: 65 Shore A

Suct. cups: Bell. suct. cup f. SCG(S)



SAUG-SCG 20 NBR-ESD-55 602 B

Part no.:10.01.30.01083

Size: 20

Height H: 22.5 mm

Suction cup material: Nitrile rubber NBR-ESD

Material hardness [Shore A]: 55 Shore A

Suct. cups: Bell. suct. cup f. SCG(S)

Contact Schmalz

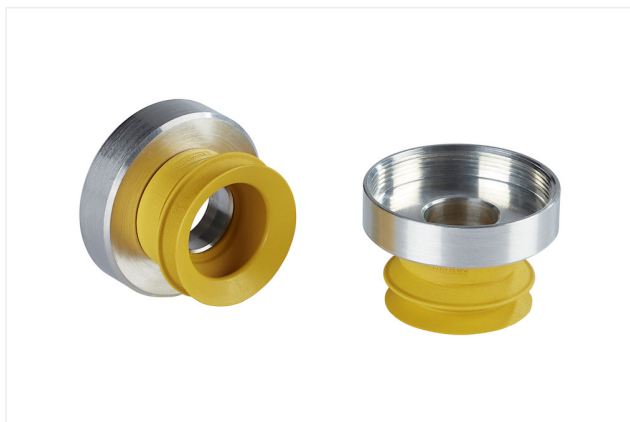
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SAUG-SCG 30 NBR-ESD-55 602 B

Part no.:10.01.30.01084

Size: 30

Height H: 26.3 mm

Suction cup material: Nitrile rubber NBR-ESD

Material hardness [Shore A]: 55 Shore A

Suct. cups: Bell. suct. cup f. SCG(S)



SAUG-SCG 40 NBR-ESD-55 602 B

Part no.:10.01.30.01085

Size: 40

Height H: 29 mm

Material hardness [Shore A]: 55 Shore A

Suct. cups: Bell. suct. cup f. SCG(S)



SAUG-SCG 50 NBR-ESD-55 602 B

Part no.:10.01.30.01086

Size: 50

Height H: 31.5 mm

Suction cup material: Nitrile rubber NBR-ESD

Material hardness [Shore A]: 55 Shore A

Suct. cups: Bell. suct. cup f. SCG(S)

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SD G3/8-AG 40x80 SCG

Part no.:10.01.30.00352

Thread G1: G3/8"-M

External diameter D: 40 mm

Length L: 80 mm

Construction use: Flow gripper



STV-W G1/8-AG 6

Part no.:10.08.02.00288

Thread G1: G1/8"-M

Hose diameter: 6 mm

Material: Plastics

Operating temperature: °C

Length L: 20.8 mm



STV-W M5-AG 6

Part no.:10.08.02.00296

Pressure range (operating pressure): bar

Length L: 20.8 mm

Height H: 13 mm

Thread G1: M5-M

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VSL 26-19 PVC-DS KL-TR

Part no.:10.07.09.00007

External diameter D: 26 mm

Internal diameter d: 19 mm

Length max.: 50 m

Material hose: PVC with wire spiral

Bending radius min.: 85 mm

Pressure range (operating pressure): -0.90 ... 5.00 bar

Operating temperature: -15 ... 65 °C

Contact Schmalz

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