

Bellows suction cups (round)

FSGB 25 SI-55 G1/8-IG



Art.-Nr.: 10.01.06.00111



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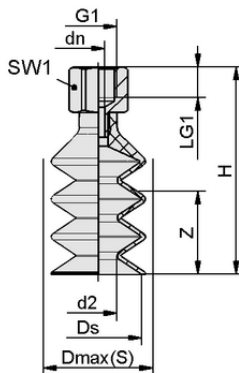
Technical data

Attribute	Value
Suction cup material	Silicone SI
Material hardness [Shore A]	55.0 Shore A
Size	25.00
Number of folds	3.5
Nipple material	Aluminum

Suction cup FSGB (elastomer part + connection nipple) is delivered unassembled. The delivery consists of:

- suction cup of type FGB - elastomer part, available in various materials
- connection nipple of type SA-NIP - available with various threads

Available spare parts: suction cup FGB, connection nipple SA-NIP



Design data FSGB 25 SI-55 G1/8-IG

Design data

Attribute	Value
Height H	57.00 mm
Nominal diameter dn	3.50 mm
d2	10.0 mm
Thread G1	G1/8"-F
Thread length LG1	8.5 mm
Key width SW1	14.0 mm
Spring stroke Z	22.0 mm
Diameter Ds	23.0 mm
Diameter Dmax(S)	26.5 mm

Note: Acceptable dimensional tolerances for elastomer parts concerning to DIN ISO 3302-1 M3



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**Technical data**

Attribute	Value
Nipple family	N 049
Suction cup material	Silicone SI
Hose inner diameter (recom.) d	4.0 mm
Workpiece radius min. (convex)	25.0 mm
Pull-off force	20.00 N
Suction force (-600mbar)	4.50 N
Weight	9.7 g
Volume	7.071 cm ³
Size	25.00
Number of folds	3.5
Product family	FSGB

Note: Suction force: The suction force values are theoretical values at -0.6 bar vacuum and a dry, smooth and even workpiece surface – they are specified without safety factors. Hose inner diameter: The recommended hose diameter refers to a hose length of approx. 2 m

**Further documentation**

CAD data and other documents relating to the article can be found at: www.schmalz.com/10.01.06.00111

**Ordering Data Spare Parts 10.01.06.00111**

Typ	Item number
Suction cup connection nipple	SA-NIP N049 G1/8-IG DN300 10.01.06.04451

**Ordering Data Wear Parts 10.01.06.00111**

Typ	Item number
Bellows suction cup (round)	FGB 25 SI-55 N049 10.01.06.00108

