

Art.-Nr.: 10.01.06.05651

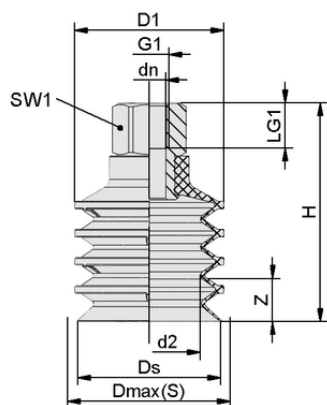
**Technical data**

Attribute	Value
Suction cup material	Nitrile rubber NBR
Material hardness [Shore A]	55.0 Shore A
Size	50.00
Number of folds	4.5
Vacuum connection	G1/4"-F
Nipple material	Aluminum

FSGC 50 NBR-55 G1/4-IG

The suction cup FSGC (elastomer part + connection element) is delivered assembled. The product consists of:

- Suction cup type FGC - elastomer part, available in different diameters
- Connection element type SC - available with various threads



Design data FSGC 50 NBR-55 G1/4-IG

Design data

Attribute	Value
Height H	72.50 mm
Outside diameter D1	49.5 mm
Nominal diameter dn	11.00 mm
d2	34.5 mm
Thread G1	G1/4-IG
Thread length LG1	12.0 mm
Key width SW1	22.0 mm
Spring stroke Z	31.0 mm
Diameter Ds	47.0 mm
Diameter Dmax(S)	51.0 mm
Vacuum connection	G1/4"-F

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**Technical data**

Attribute	Value
Suction cup material	Nitrile rubber NBR
Material hardness [Shore A]	55.0 Shore A
Hose inner diameter (recom.) d	9.0 mm
Suction force (-600mbar)	55.00 N
Volume	52.400 cm ³
Size	50.00
Number of folds	4.5
Product family	FSGC
Nipple material	Aluminum
Pull-off force (real)	59.00 N

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/10.01.06.05651

**Ordering Data Spare Parts 10.01.06.05651**

Typ		Item number
Bellows suction cup (round)	FGC 50 NBR-55 SC080	10.01.06.04920
Schmalz-Connector	SC 080 G1/4-IG	10.01.06.03271

