



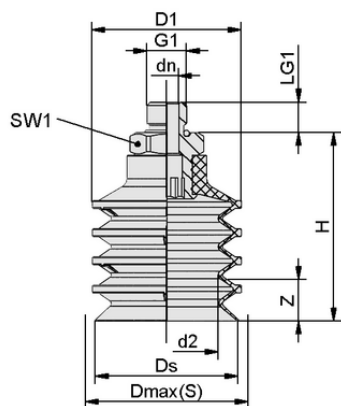
Technical data

Attribute	Value
Suction cup material	Nitrile rubber NBR
Material hardness [Shore A]	55.0 Shore A
Size	40.00
Number of folds	4.5
Vacuum connection	G1/4"-M
Nipple material	Aluminum

FSGC 40 NBR-55 G1/4-AG

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

Attribute	Value
Height H	54.50 mm
Outside diameter D1	39.0 mm
Nominal diameter dn	8.00 mm
d2	27.5 mm
Thread G1	G1/4-AG
Thread length LG1	10.0 mm
Key width SW1	22.0 mm
Spring stroke Z	25.0 mm
Diameter Ds	39.0 mm
Diameter Dmax(S)	41.0 mm

Design data FSGC 40 NBR-55 G1/4-AG

Art.-Nr.: 10.01.06.04870

**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)	35.00 N
Volume	29.100 cm ³
Size	40.00
Number of folds	4.5
Product family	FSGC
Nipple material	Aluminum
Pull-off force (real)	37.00 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/10.01.06.04870

**Ordering Data Spare Parts 10.01.06.04870**

Typ		Item number
Bellows suction pad (round)	FGC 40 NBR-55 SC080	10.01.06.04863
Schmalz-Connector	SC 080 G1/4-AG	10.01.06.03268

