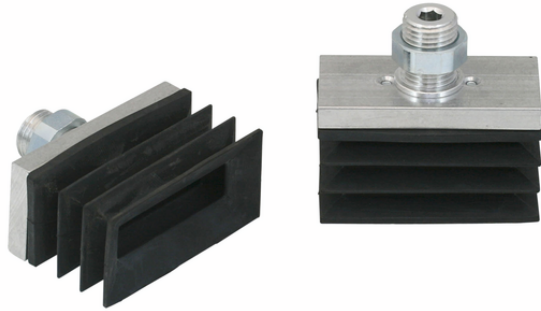


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FSGB-R 52x25 NBR-50 G1/4-AG

Technical data

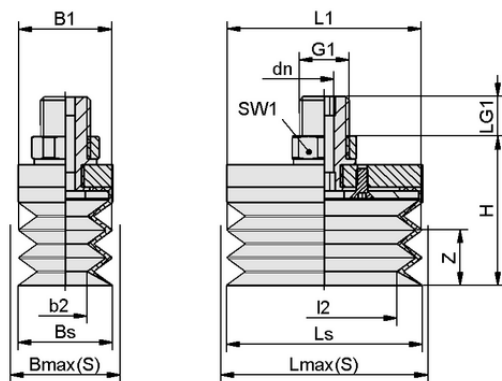
Attribute	Value
Suction cup material	Nitrile rubber NBR
Material hardness [Shore A]	50.0 Shore A
Dimension (LxW)	52 x 25
Number of folds	2.5
Connection	G1/4-AG
Nipple material	Aluminum

Suction cup FSGB-R (elastomer part + connection plate) is delivered assembled. The assembly consists of:

- Suction cup of type FGB-R – elastomer part, available in various dimensions (LxW) and materials
- Aluminium support plate – available with various threads

Available spare parts: suction cup FGB-R

Available accessories: supporting frames



Design data FSGB-R 52x25 NBR-50 G1/4-AG

Design data

Attribute	Value
Length L1	52.00 mm
Width B1	25.00 mm
Height H	50.00 mm
Nominal diameter dn	5.00 mm
Thread G1	G1/4"-M
Thread length LG1	10.5 mm
Key width SW1	17.0 mm
Spring stroke Z	15.0 mm
Suction cup width Bs	25.00 mm
Ls	52.00 mm

Note: Acceptable dimensional tolerances for elastomer parts concerning to DIN ISO 3302-1 M3 The specified stroke is for use with a supporting frame in each fold

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**Technical data**

Attribute	Value
Suction cup material	Nitrile rubber NBR
Material hardness [Shore A]	50.0 Shore A
Hose inner diameter (recom.) d	6.0 mm
Workpiece radius min. (convex)	10.0 mm
Suction force (-600mbar)	20.00 N
Weight	45.0 g
Dimension (LxW)	52 x 25
Volume	16.000 cm ³
Number of folds	2.5
Product family	FSGB-R

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/10.01.06.02281

**Ordering Data Accessories 10.01.06.02281**

Typ	Item number
Supporting frame	ST-RAHM 50x23 1
	10.01.06.02276

**Ordering Data Wear Parts 10.01.06.02281**

Typ	Item number
Bellows suction cup (rect.)	FGB-R 52x25 NBR-50
	10.01.06.01115

