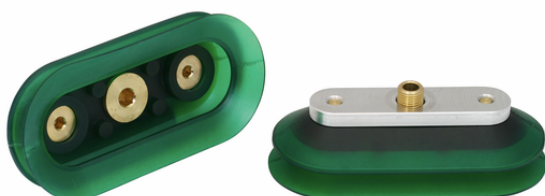


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**Technical data**

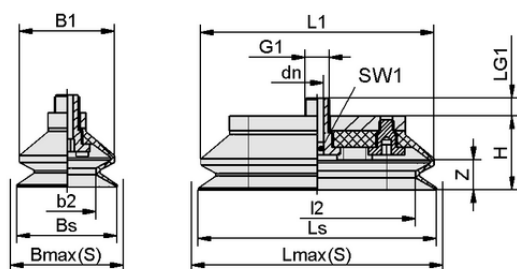
Attribute	Value
Suction cup material	Vulkollan VU1
Material hardness [Shore A]	72.0 Shore A
Dimension (LxW)	140 x 65
Number of folds	1.5
Connection	G1/4"-M
Nipple material	Brass

FSGAO 140x65 VU1-72 G1/4-AG

Suction cup FSGAO (elastomer part + support plate) is delivered assembled. The assembly consists of:

- Suction cup of type FGAO – elastomer part, available in various dimensions (LxW)
- Aluminum support plate

Available spare parts: suction cup FGAO

Design data

Attribute	Value
Length L1	140.00 mm
Width B1	65.00 mm
Height H	38.00 mm
Nominal diameter dn	8.00 mm
Thread G1	G1/4"-M
Thread length LG1	10.0 mm
Key width SW1	8.0 mm
Spring stroke Z	16.0 mm
Suction cup width Bs	65.00 mm
Ls	140.00 mm

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

Design data FSGAO 140x65 VU1-72 G1/4-AG



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**Technical data**

Attribute	Value
Nipple family	N 039
Suction cup material	Vulkollan VU1
Material hardness [Shore A]	72.0 Shore A
Hose inner diameter (recom.) d	9.0 mm
Workpiece radius min. (convex)	30.0 mm
Pull-off force	255.00 N
Suction force (-600mbar)	225.00 N
Weight	175.0 g
Dimension (LxW)	140 x 65
Volume	113.615 cm ³
Number of folds	1.5
Product family	FSGAO

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/10.01.06.00498

**Ordering Data Spare Parts 10.01.06.00498**

Typ	Item number
Bellows suction cup (oval)	FSGAO 140x65 VU1-72 N039 10.01.06.00468

**Ordering Data Wear Parts 10.01.06.00498**

Typ	Item number
Bellows suction cup (oval)	FSGAO 140x65 VU1-72 N039 10.01.06.00468

