

Art.-Nr.: 10.01.06.00497



FSGA 110 VU1-72 G1/2-IG ON

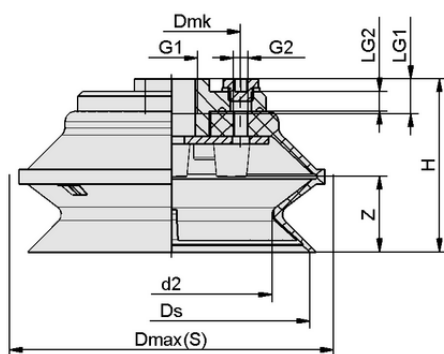
Technical data

Attribute	Value
Suction cup material	Vulkollan VU1
Material hardness [Shore A]	72.0 Shore A
Size	110.00
Number of folds	1.5
Connection	G1/2"-F

Suction cup FSGA VU1 (elastomer part + connection nipple) is delivered assembled. The assembly consists of:

- Suction cup of type FGA VU1 – elastomer part, available in various diameters, optional with oil groove
- Connection nipple of type SA-NIP – available with various threads

Available spare parts: suction cup FGA VU1, connection nipple SA-NIP / connection disc SA-SCHE

**Design data**

Attribute	Value
Height H	69.00 mm
d2	80.0 mm
Thread G1	G1/2"-F
Thread length LG1	14.0 mm
Thread G2	G1/8"-F
Thread length LG2	8.0 mm
Dmk	55.0 mm
Spring stroke Z	30.0 mm
Diameter Ds	110.0 mm
Diameter Dmax(S)	127.0 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 037
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)	100.0 mm
Pull-off force	420.00 N
Suction force (-600mbar)	295.00 N
Weight	332.20 g
Volume	350.000 cm ³
Size	110.00
Number of folds	1.5
Product family	FSGA

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/10.01.06.00497

**Ordering Data Accessories 10.01.06.00497**

Typ	Item number
Suction-cup connection disc	SA-SCHE 77 G1/2-IG FSGA 10.01.06.00593

**Ordering Data Spare Parts 10.01.06.00497**

Typ	Item number
Suction-cup connection disc	SA-SCHE 77 G1/2-IG FSGA 10.01.06.00593
Bellows suction cup (round)	FGA 110 VU1-72 N037 ON 10.01.06.00492

**Ordering Data Wear Parts 10.01.06.00497**

Typ	Item number
Bellows suction cup (round)	FGA 110 VU1-72 N037 ON 10.01.06.00492

