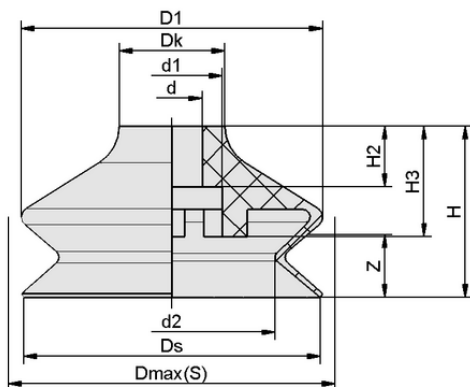




FGA 50 VU1-72 N011 ON

Technical data

Attribute	Value
Suction cup material	Vulkollan VU1
Material hardness [Shore A]	72.0 Shore A
Size	50.00
Number of folds	1.5



Design data FGA 50 VU1-72 N011 ON

Design data

Attribute	Value
Height H2	8.00 mm
Height H	32.50 mm
Outside diameter D1	50.0 mm
Head diameter Dk	17.5 mm
Internal diameter d1	13.6 mm
d2	33.5 mm
Internal diameter d	8.00 mm
Spring stroke Z	14.5 mm
Diameter Ds	47.0 mm
Height H3	17.80 mm

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

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**Technical data**

Attribute	Value
Suction cup material	Vulkollan VU1
Workpiece radius min. (convex)	50.0 mm
Pull-off force	88.00 N
Suction force (-600mbar)	53.00 N
Weight	18.1 g
Volume	24.151 cm ³
Size	50.00
Number of folds	1.5
Product family	FGA

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/10.01.06.00302

**Ordering Data Accessories 10.01.06.00302**

Typ		Item number
Suction cup connection nipple	SA-NIP N011 G1/4-AG DN350	10.01.01.10663
Suction cup connection nipple	SA-NIP N011 G1/4-IG DN350	10.01.01.00412

