



FGA 30 VU1-72 N013

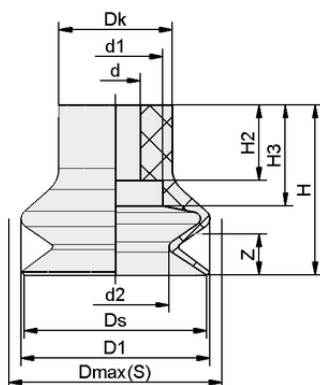
Technical data

Attribute	Value
Suction cup material	Vulkollan VU1
Material hardness [Shore A]	72.0 Shore A
Size	30.00
Number of folds	1.5

Design data

Attribute	Value
Height H2	12.00 mm
Height H	27.00 mm
Outside diameter D1	30.0 mm
Head diameter Dk	18.0 mm
Internal diameter d1	15.0 mm
d2	17.0 mm
Internal diameter d	8.00 mm
Spring stroke Z	8.5 mm
Diameter Ds	29.0 mm
Height H3	16.00 mm

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



Design data FGA 30 VU1-72 N013

Art.-Nr.: 10.01.06.00177

**Technical data**

Attribute	Value
Suction cup material	Vulkollan VU1
Workpiece radius min. (convex)	20.0 mm
Pull-off force	32.00 N
Suction force (-600mbar)	13.50 N
Weight	6.5 g
Volume	5.756 cm ³
Size	30.00
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/10.01.06.00177

**Ordering Data Accessories 10.01.06.00177**

Typ		Item number
Suction cup connection nipple	SA-NIP N013 G1/4-AG DN350	10.01.06.00183
Suction cup connection nipple	SA-NIP N013 G1/4-IG DN350	10.01.06.00180

