



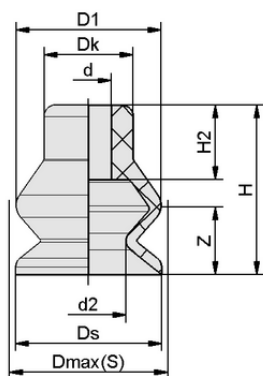
FGA 13 PVC-50 N016

Technical data

Attribute	Value
Suction cup material	Polyvinyl chloride PVC
Material hardness [Shore A]	50.0 Shore A
Size	13.00
Number of folds	1.5

Suction cup FGA PVC (elastomer part + connection element) is delivered assembled. The assembly consists of:

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



Design data FGA 13 PVC-50 N016

Design data

Attribute	Value
Height H2	6.60 mm
Height H	15.00 mm
Outside diameter D1	12.8 mm
Head diameter Dk	7.9 mm
d2	6.6 mm
Internal diameter d	4.00 mm
Spring stroke Z	5.5 mm
Diameter Ds	12.9 mm
Diameter Dmax(S)	14.5 mm

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

Art.-Nr.: 10.01.06.01549

**Technical data**

Attribute	Value
Nipple family	N 016
Suction cup material	Polyvinyl chloride PVC
Material hardness [Shore A]	50.0 Shore A
Hose inner diameter (recom.) d	4.0 mm
Workpiece radius min. (convex)	10.0 mm
Pull-off force	5.50 N
Suction force (-600mbar)	1.70 N
Weight	0.7 g
Volume	0.627 cm ³
Size	13.00
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/10.01.06.01549

**Ordering Data Accessories 10.01.06.01549**

Typ		Item number
Suction cup connection nipple	SA-NIP N016 M5-AG DN250	10.01.06.00123
Suction cup connection nipple	SA-NIP N016 G1/8-AG DN350	10.01.06.05735
Suction cup connection nipple	SA-NIP N016 G1/8-IG DN350	10.01.06.05731
Suction cup connection nipple	SA-NIP N016 M5-IG DN250	10.01.06.03384
Suction cup connection nipple	SA-NIP N016 G1/8-AG DN310	10.01.06.04062
Suction cup connection nipple	SA-NIP N016 M5-AG DN250	10.01.06.04365
Suction cup connection nipple	SA-NIP N016 M5-IG DN310	10.01.06.04689
Suction cup connection nipple	SA-NIP N016 G1/8-IG DN310	10.01.06.04690

