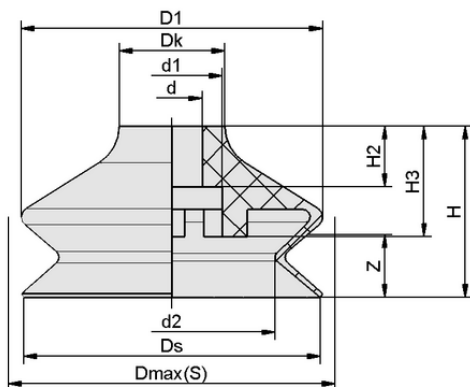


FGA 85 VU1-72 N015 ON

Technical data

Attribute	Value
Suction cup material	Vulkollan VU1
Material hardness [Shore A]	72.0 Shore A
Size	85.00
Number of folds	1.5



Design data FGA 85 VU1-72 N015 ON

Design data

Attribute	Value
Height H2	20.00 mm
Height H	47.00 mm
Outside diameter D1	85.5 mm
Head diameter Dk	25.0 mm
Internal diameter d1	25.0 mm
d2	50.2 mm
Internal diameter d	12.00 mm
Spring stroke Z	15.0 mm
Diameter Ds	82.5 mm
Height H3	25.00 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)	80.0 mm
Pull-off force	250.00 N
Suction force (-600mbar)	140.00 N
Weight	95.0 g
Volume	75.897 cm ³
Size	85.00
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/10.01.06.00190

**Ordering Data Accessories 10.01.06.00190**

Typ		Item number
Suction cup connection nipple	SA-NIP N015 G1/4-AG DN600	10.01.06.00185
Suction cup connection nipple	SA-NIP N015 G1/4-IG DN600	10.01.06.00182

