

FG 25 SI-MD-55 N016

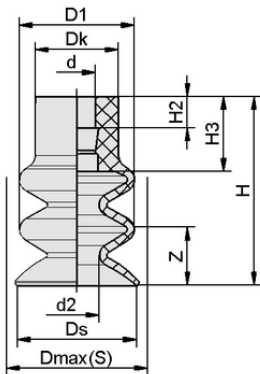
Technical data

Attribute	Value
Suction cup material	Silicone SI metal detectable
Material hardness [Shore A]	55.0 Shore A
Size	25.00
Number of folds	2.5

Design data

Attribute	Value
Height H2	3.80 mm
Height H	34.00 mm
Outside diameter D1	25.0 mm
Head diameter Dk	10.0 mm
d2	10.0 mm
Internal diameter d	4.50 mm
Spring stroke Z	18.0 mm
Diameter Ds	23.0 mm
Height H3	9.00 mm
Diameter Dmax(S)	26.0 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 016
Suction cup material	Silicone SI metal detectable
Material hardness [Shore A]	55.0 Shore A
Workpiece radius min. (convex)	12.0 mm
Pull-off force	19.00 N
Suction force (-600mbar)	4.71 N
Weight	4.1 g
Volume	5.222 cm ³
Size	25.00
Number of folds	2.5
Product family	FG

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/10.01.06.05702

