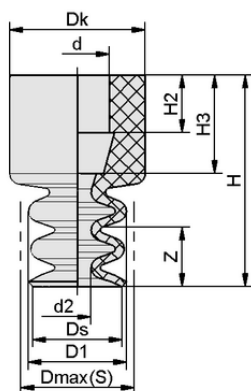




FG 9 NBR-55 N016

Technical data

Attribute	Value
Suction cup material	Nitrile rubber NBR
Material hardness [Shore A]	55.0 Shore A
Size	9.00
Number of folds	2.5



Design data FG 9 NBR-55 N016

Design data

Attribute	Value
Height H2	3.80 mm
Height H	15.00 mm
Outside diameter D1	8.9 mm
Head diameter Dk	9.0 mm
d2	4.1 mm
Internal diameter d	4.50 mm
Spring stroke Z	3.0 mm
Diameter Ds	9.0 mm
Height H3	8.20 mm
Diameter Dmax(S)	9.5 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	Nitrile rubber NBR
Material hardness [Shore A]	55.0 Shore A
Workpiece radius min. (convex)	10.0 mm
Pull-off force	2.30 N
Suction force (-600mbar)	0.79 N
Weight	0.6 g
Size	9.00
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/10.01.06.00051

**Ordering Data Accessories 10.01.06.00051**

Typ		Item number
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-AG DN250	10.01.06.00123

