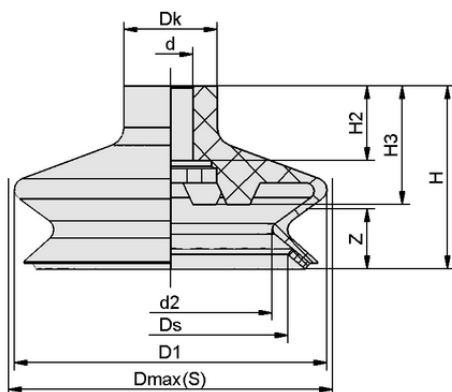




FGA 78 NK-45 N019 DR

Technical data

Attribute	Value
Suction cup material	Natural rubber NK
Material hardness [Shore A]	45.0 Shore A
Size	78.00
Number of folds	1.5



Design data FGA 78 NK-45 N019 DR

Design data

Attribute	Value
Height H2	19.70 mm
Height H	48.50 mm
Outside diameter D1	83.0 mm
Head diameter Dk	24.7 mm
d2	54.0 mm
Internal diameter d	11.80 mm
Spring stroke Z	16.0 mm
Diameter Ds	62.0 mm
Height H3	31.40 mm
Diameter Dmax(S)	86.0 mm

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**Technical data**

Attribute	Value
Nipple family	N 019
Suction cup material	Natural rubber NK
Material hardness [Shore A]	45.0 Shore A
Workpiece radius min. (convex)	70.0 mm
Pull-off force	218.00 N
Suction force (-600mbar)	137.40 N
Weight	48.0 g
Volume	79.418 cm ³
Size	78.00
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/10.01.06.02977

