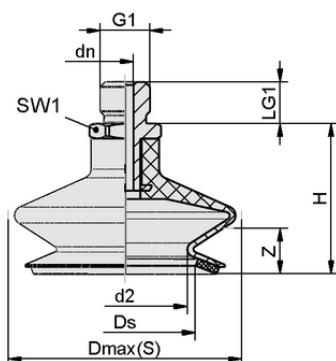


Technical data

Attribute	Value
Suction cup material	Natural rubber NK
Material hardness [Shore A]	45.0 Shore A
Size	78.00
Number of folds	1.5
Connection	G1/4"-M
Nipple material	Aluminum

FSGA 78 NK-45 G1/4-AG DR

Bellows suction cup with sealing ring, available in various diameters, delivered with sealing ring glued on.



Design data

Attribute	Value
Height H	54.00 mm
Nominal diameter dn	8.20 mm
d2	54.0 mm
Thread G1	G1/4"-M
Thread length LG1	11.0 mm
Key width SW1	21.0 mm
Spring stroke Z	16.0 mm
Diameter Ds	62.0 mm
Diameter Dmax(S)	84.5 mm

Design data FSGA 78 NK-45 G1/4-AG DR

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**Technical data**

Attribute	Value
Suction cup material	Natural rubber NK
Material hardness [Shore A]	45.0 Shore A
Hose inner diameter (recom.) d	6.0 mm
Workpiece radius min. (convex)	100.0 mm
Pull-off force	218.00 N
Suction force (-600mbar)	137.40 N
Weight	71.0 g
Volume	79.418 cm ³
Size	78.00
Number of folds	1.5
Product family	FSGA

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/10.01.06.02980

**Ordering Data Spare Parts 10.01.06.02980**

Typ		Item number
Suction cup connection nipple	SA-NIP N019 G1/4-AG DN820	10.01.06.01959

**Ordering Data Wear Parts 10.01.06.02980**

Typ		Item number
Bellows suction cup (round)	FGA 78 NK-45 N019 DR	10.01.06.02977

