

Bellows suction cup (round)

FGB 25 NBR-55 N049

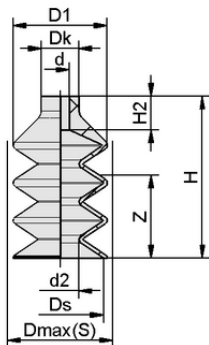
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Technical data

Attribute	Value
Suction cup material	Nitrile rubber NBR
Material hardness [Shore A]	55.0 Shore A
Size	25.00
Number of folds	3.5



Design data FGB 25 NBR-55 N049

Design data

Attribute	Value
Height H2	9.00 mm
Height H	43.00 mm
Outside diameter D1	25.0 mm
Head diameter Dk	10.0 mm
d2	10.0 mm
Internal diameter d	5.00 mm
Spring stroke Z	22.0 mm
Diameter Ds	23.0 mm
Diameter Dmax(S)	26.5 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	Nitrile rubber NBR
Workpiece radius min. (convex)	25.0 mm
Pull-off force	20.00 N
Suction force (-600mbar)	4.50 N
Weight	5.6 g
Volume	7.071 cm ³
Size	25.00
Number of folds	3.5
Product family	FGB

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/10.01.06.00109

