

Flat suction cup (round)

PFG 5 SI-55 N004

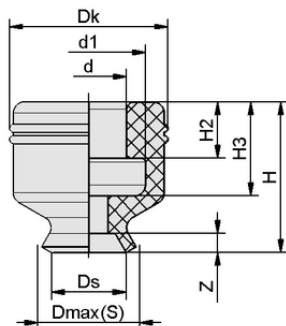
Art.-Nr.: 10.01.01.00027



PFG 5 SI-55 N004

Technical data

Attribute	Value
Suction cup material	Silicone SI
Material hardness [Shore A]	55.0 Shore A
Size	5.00
Material characteristics	FDA-compatible



Design data PFG 5 SI-55 N004

Design data

Attribute	Value
Height H2	2.00 mm
Height H	6.50 mm
Head diameter Dk	7.7 mm
Internal diameter d1	6.0 mm
Internal diameter d	4.00 mm
Spring stroke Z	0.9 mm
Diameter Ds	5.0 mm
Height H3	4.00 mm
Diameter Dmax(S)	5.5 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 004
Suction cup material	Silicone SI
Material hardness [Shore A]	55.0 Shore A
Workpiece radius min. (convex)	7.5 mm
Suction force (-600mbar)	0.75 N
Weight	0.20 g
Volume	0.092 cm ³
Size	5.00
Product family	PFG

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/10.01.01.00027

**Ordering Data Accessories 10.01.01.00027**

Typ		Item number
Suction cup connection nipple	SA-NIP N004 G1/8-AG DN200	10.01.01.03528
Suction cup connection nipple	SA-NIP N004 G1/8-IG DN200	10.01.01.03520
Suction cup connection nipple	SA-NIP N004 M5-AG DN200	10.01.01.03526
Suction cup connection nipple	SA-NIP N004 M5-IG DN200	10.01.01.03518

