

Flat suction cup (round)

PFG 20 SI-55 N006

Part no.:10.01.01.00032

<https://www.schmalz.com/10.01.01.00032>

Home > Vacuum Technology for Automation > Vacuum Components > Vacuum Suction Cups > Flat Suction Cups (Round) > PFG 20 SI-55 N006

Flat suction cup (round) for smooth or slightly rough surfaces



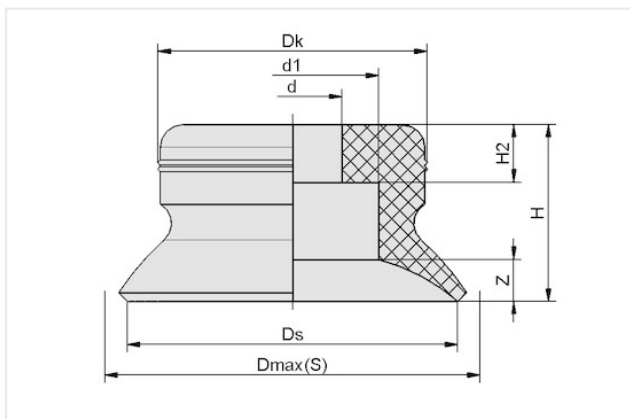
Size: 20

Suction cup material: Silicone SI

Material hardness [Shore A]: 55 Shore A

Material characteristics: FDA-compatible

Design Data



Attribute	Value
d	4.50 mm
d1	11 mm
Dk	15.20 mm
Dmax(S)	23 mm
Ds	20 mm
H	10 mm
H2	4.50 mm
Z (Stroke)	2.20 mm

Note: Acceptable dimensional tolerances for elastomer parts concerning to DIN ISO 3302-1 M3

Technical Data

Attribute	Value
Suction force (-600mbar)	15.50 N
Volume	0.86 cm ³
Curve radius (min) (convex)	20 mm
Size	20
Nipple family	N 006
Suction cup material	Silicone SI
Material hardness [Shore A]	55 Shore A
Weight	1.40 g

Contact Schmalz

J. Schmalz GmbH | Johannes-Schmalz-Str.1, 72293 Glatten, Germany | +49 7443 2403-102 | customercenter@schmalz.de

Flat suction cup (round)

PFG 20 SI-55 N006

Part no.:10.01.01.00032

<https://www.schmalz.com/10.01.01.00032>

Product family

PFG

Note: Suction force: The specified suction forces are theoretical values at a vacuum of -0.6 bar and with a dry, smooth and flat workpiece surface - they do not include a safety factor
Hose diameter: The recommended hose diameter refers to a hose length of approx. 2 m

Accessories



SA-NIP N006 G1/8-AG DN200

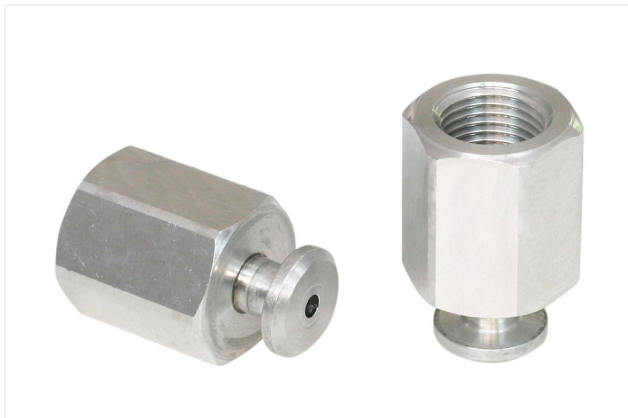
Part no.:10.01.01.03530

Thread G1: G1/8"-M

Length L1: 19.5 mm

Fitting length: 5 mm

Material: Aluminum



SA-NIP N006 G1/8-IG DN200

Part no.:10.01.01.03522

Thread G1: G1/8"-F

Length L1: 22.5 mm

Fitting length: 16 mm

Material: Aluminum

Contact Schmalz

J. Schmalz GmbH | Johannes-Schmalz-Str.1, 72293 Glatten, Germany | +49 7443 2403-102 | customercenter@schmalz.de