

Flat suction cup (round)

SGPN 15 NK-40 G1/8-IG

Part no.:10.01.01.10181

<https://www.schmalz.com/10.01.01.10181>

Home > Vacuum Technology for Automation > Vacuum Components > Vacuum Suction Cups > Suction Cups for Plastic Films and Paper > Flat Suction Cups SGPN > SGPN 15 NK-40 G1/8-IG

Flat suction cup (round) for careful gripping of paper, plastic film, etc.



Size: 15

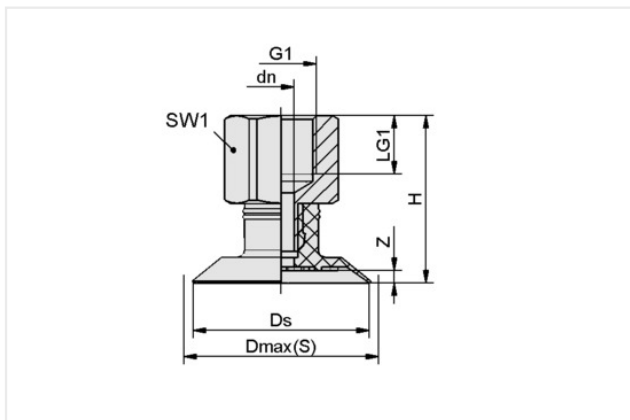
Suction cup material: Natural Rubber NK

Material hardness [Shore A]: 40 Shore A

Nipple material: Aluminum

Vacuum connection: G1/8"-F

Design Data



Attribute	Value
dn	3.50 mm
Dmax(S)	15.50 mm
Ds	14.50 mm
G1	G1/8"-F
H	22 mm
LG1	8 mm
SW1	14 mm
Z (Stroke)	0.90 mm

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

Technical Data

Attribute	Value
Suction force (-600mbar)	5.50 N
Volume	0.28 cm ³
Hose diameter (rec.) d	2 mm
Size	15
Number of folds	0
Suction cup material	Natural Rubber NK
Material hardness [Shore A]	40 Shore A

Contact Schmalz

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

Flat suction cup (round)

SGPN 15 NK-40 G1/8-IG

Part no.:10.01.01.10181

<https://www.schmalz.com/10.01.01.10181>

Weight	4.50 g
Product family	SGPN

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

Spare parts



SA-NIP N016 G1/8-IG DN350

Part no.:10.01.06.05731

Nipple family: N 016

Thread G1: G1/8"-F

Length L1: 18.5 mm

Fitting length: 12 mm

Nominal diameter dn: 3.5 mm

Material: Aluminum



SGP 15 NK-40 N016

Part no.:10.01.01.10318

Size: 15

Suction cup material: Natural Rubber NK

Material hardness [Shore A]: 40 Shore A

Contact Schmalz

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