

Flat suction cup (round)

SGPN 20 NK-40 G1/8-IG

Part no.:10.01.01.10180

<https://www.schmalz.com/10.01.01.10180>

Home > Vacuum Technology for Automation > Vacuum Components > Vacuum Suction Cups > Suction Cups for Plastic Films and Paper > Flat Suction Cups SGPN > SGPN 20 NK-40 G1/8-IG

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



Size: 20

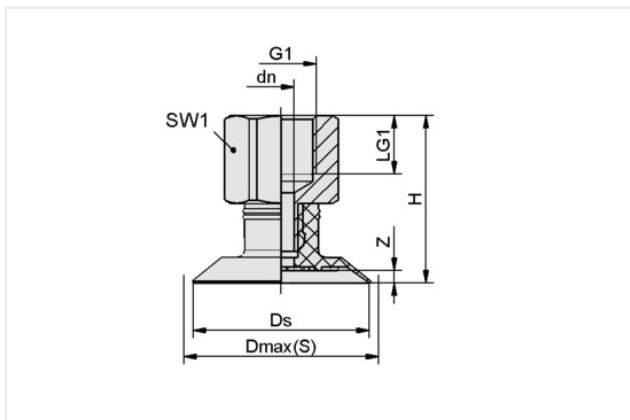
Suction cup material: Natural Rubber NK

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)	22 mm
Ds	20 mm
G1	G1/8"-F
H	22.40 mm
LG1	8 mm
SW1	14 mm
Z (Stroke)	1.50 mm

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

Technical Data

Attribute	Value
Suction force (-600mbar)	8.50 N
Volume	0.60 cm ³
Hose diameter (rec.) d	2 mm
Size	20
Number of folds	0
Suction cup material	Natural Rubber NK
Material hardness [Shore A]	40 Shore A

Contact Schmalz

Schmalz UK Limited | Unit 2 Woodrow Business Centre, Woodrow Way, Irlam, Manchester M44 6NN, Great Britain | +44 161 243 4642 | Page 1 from 2
schmalz@schmalz.co.uk

Flat suction cup (round)

SGPN 20 NK-40 G1/8-IG

Part no.:10.01.01.10180

<https://www.schmalz.com/10.01.01.10180>

Weight	4.80 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 20 NK-40 N016

Part no.:10.01.01.10319

Size: 20

Suction cup material: Natural Rubber NK

Material hardness [Shore A]: 40 Shore A

Contact Schmalz

Schmalz UK Limited | Unit 2 Woodrow Business Centre, Woodrow Way, Irlam, Manchester M44 6NN, Great Britain | +44 161 243 4642 | Page 2 from 2
schmalz@schmalz.co.uk