

Flat suction cup (round)

PFYN 20 NBR-ESD-55 G1/8-IG

Part no.: 10.01.01.14199

<https://www.schmalz.com/10.01.01.14199>

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



Size: 20

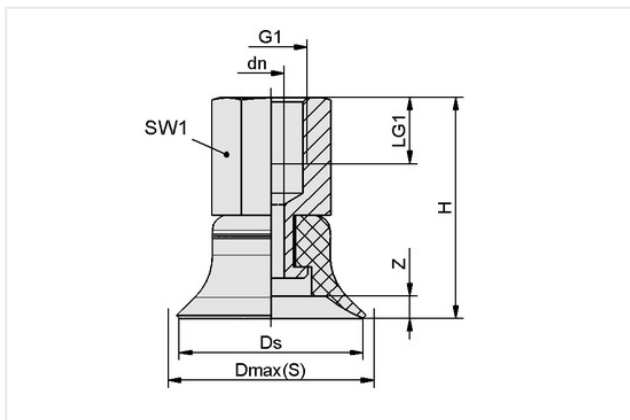
Suction cup material: Nitrile rubber NBR-ESD

Material hardness [Shore A]: 55 Shore A

Nipple material: Aluminum

Vacuum connection: G1/8"-F

Design Data



Attribute	Value
dn	2 mm
Dmax(S)	23 mm
Ds	20 mm
G1	G1/8"-F
H	26 mm
LG1	9 mm
SW1	14 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	0.80 cm ³
Curve radius (min) (convex)	20 mm
Hose diameter (rec.) d	4 mm
Size	20
Suction cup material	Nitrile rubber NBR-ESD
Material hardness [Shore A]	55 Shore A

Contact Schmalz

Schmalz B.V. | Generatorstraat 34, 7556 RC Hengelo, Netherlands | +31 74 255 5757 | info@schmalz.nl

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Weight	7 g
Product family	PFYN
Number of folds	0

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



PFYN 20 NBR-ESD-55 N006

Part no.:10.01.01.13786

Size: 20

Suction cup material: Nitrile rubber NBR-ESD

Material hardness [Shore A]: 55 Shore A



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

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