Flat suction cup (round)

PFYN 200 SI-55 G1/2-IG

Part no..:10.01.01.00342

https://www.schmalz.com/10.01.01.00342

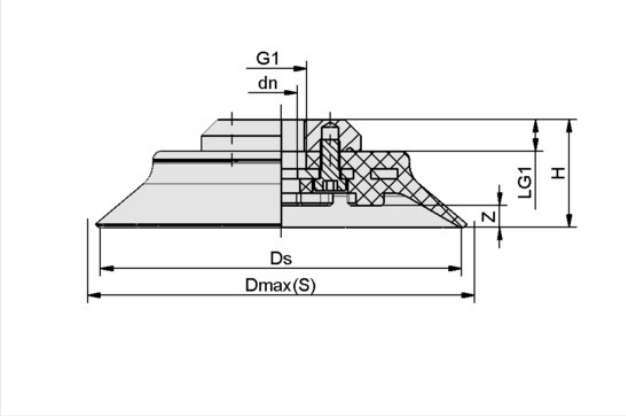
Home > Vacuum Technology for Automation > Vacuum Components > Vacuum Suction Cups > Flat Suction Cups (Round) > Flat Suction Cups PFYN > PFYN 200 SI-55 G1/2-IG

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



- Size: 200
- Suction cup material: Silicone SI
- Material hardness [Shore A]: 55 Shore A
- Nipple material: Aluminum
- Vacuum connection: G1/2"-F

Design Data



Attribute	Value
dn	13.50 mm
Dmax(S)	222 mm
Ds	193 mm
G1	G1/2"-F
H	50.50 mm
LG1	13 mm
Z (Stroke)	13 mm

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

Technical Data

Attribute	Value
Suction force (-600mbar)	1498 N
Volume	427 cm³
Curve radius (min) (convex)	400 mm
Hose diameter (rec.) d	9 mm
Size	200
Suction cup material	Silicone SI
Material hardness [Shore A]	55 Shore A

Flat suction cup (round)

PFYN 200 SI-55 G1/2-IG

Part no..:10.01.01.00342

https://www.schmalz.com/10.01.01.00342

Weight	784.60 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

Accessories



SU 210

Part no..:10.01.01.12439

- Size: 210
- Clamping range: 210.0 ... 220.0 mm
- Temperature resistance: 80 °C

Spare parts



SA-NIP N010 G1/2-IG

Part no..:10.01.01.00796

- Thread G1: G1/2"-F
- Material: Aluminum

Flat suction cup (round)

PFYN 200 SI-55 G1/2-IG

Part no..:10.01.01.00342

https://www.schmalz.com/10.01.01.00342



PFG 200 SI-55 N010

Part no..:10.01.01.00336

Size: 200
Suction cup material: Silicone SI
Material hardness [Shore A]: 55 Shore A
Material characteristics: FDA-compatible

Contact Schmalz

Schmalz GmbH | Commerz Park West 1, 4061 Pasching, Austria | +43 7229 24 24 4 | schmalz@schmalz.at