Flat suction cup (round)

PFYN 5 NBR-55 M5-IG

Part no..:10.01.01.00081

https://www.schmalz.com/10.01.01.00081

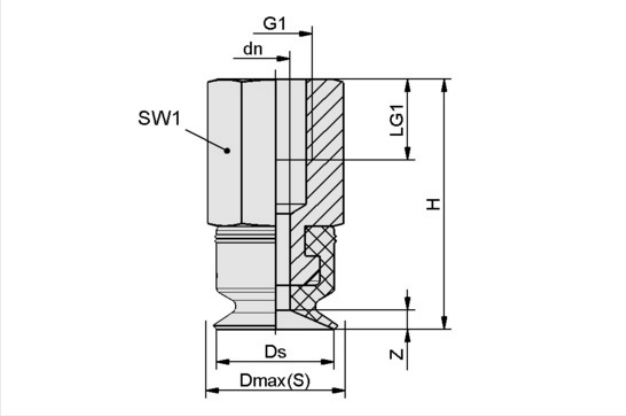
Home > Vacuum Technology for Automation > Vacuum Components > Vacuum Suction Cups > Flat Suction Cups (Round) > Flat Suction Cups PFYN > PFYN 5 NBR-55 M5-IG

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



- Size: 5
- Suction cup material: Nitrile rubber NBR
- Material hardness [Shore A]: 55 Shore A
- Nipple material: Aluminum
- Vacuum connection: M5-F

Design Data



Attribute	Value
dn	1.50 mm
Dmax(S)	5.50 mm
Ds	5 mm
G1	M5-F
H	16.50 mm
LG1	5.50 mm
SW1	8 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)	0.75 N
Volume	0.01 cm^3
Curve radius (min) (convex)	7.50 mm
Hose diameter (rec.) d	2 mm
Size	5
Suction cup material	Nitrile rubber NBR
Material hardness [Shore A]	55 Shore A

Flat suction cup (round)

PFYN 5 NBR-55 M5-IG

Part no..:10.01.01.00081

https://www.schmalz.com/10.01.01.00081

Weight	1.40 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



SA-NIP N004 M5-IG DN200

Part no..:10.01.01.03518

Thread G1: M5-F
Length L1: 14 mm
Fitting length: 10 mm
Material: Aluminum



PFG 5 NBR-55 N004

Part no..:10.01.01.00007

Size: 5
Suction cup material: Nitrile rubber NBR
Material hardness [Shore A]: 55 Shore A