Flat suction cup (round)

PFYN 8 NBR-55 M5-AG

Part no..:10.01.01.00139

https://www.schmalz.com/10.01.01.00139

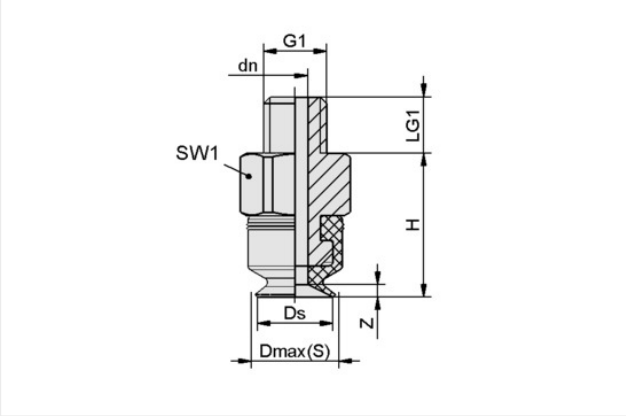
Home > Vacuum Technology for Automation > Vacuum Components > Vacuum Suction Cups > Flat Suction Cups (Round) > Flat Suction Cups PFYN > PFYN 8 NBR-55 M5-AG

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



- Size: 8
- Suction cup material: Nitrile rubber NBR
- Material hardness [Shore A]: 55 Shore A
- Nipple material: Aluminum
- Vacuum connection: M5-M

Design Data



Attribute	Value
dn	2 mm
Dmax(S)	9 mm
Ds	8 mm
G1	M5-M
H	12 mm
LG1	4.50 mm
SW1	8 mm
Z (Stroke)	1.30 mm

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

Technical Data

Attribute	Value
Suction force (-600mbar)	2.30 N
Volume	0.03 cm^3
Curve radius (min) (convex)	10 mm
Hose diameter (rec.) d	2 mm
Size	8
Suction cup material	Nitrile rubber NBR
Material hardness [Shore A]	55 Shore A

Flat suction cup (round)

PFYN 8 NBR-55 M5-AG

Part no..:10.01.01.00139

https://www.schmalz.com/10.01.01.00139

Weight	1.20 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-AG DN200

Part no..:10.01.01.03526

Thread G1: M5-M
Length L1: 13.5 mm
Fitting length: 5 mm
Material: Aluminum



PFG 8 NBR-55 N004

Part no..:10.01.01.00009

Size: 8
Suction cup material: Nitrile rubber NBR
Material hardness [Shore A]: 55 Shore A