

Flat suction cup (round)

PFYN 2 HT1-60 M3-AG

Part no.:10.01.01.13000

<https://www.schmalz.com/10.01.01.13000>

Home > Vakuumska tehnologija za avtomatizacijo > Vacuum Components > Vacuum Suction Cups > Flat Suction Cups (Round) > Flat Suction Cups
PFYN > PFYN 2 HT1-60 M3-AG

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



Size: 2

Suction cup material: High temperature material HT1

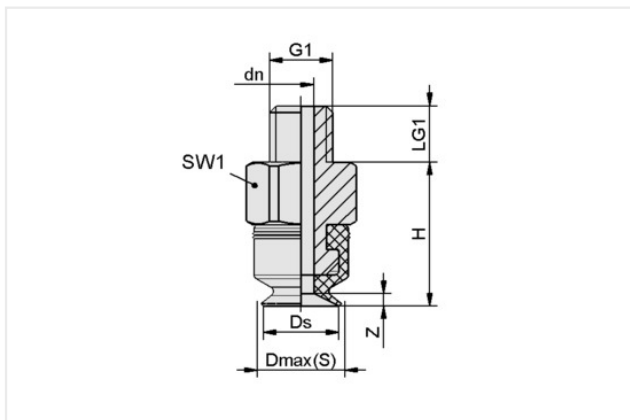
Material hardness [Shore A]: 60 Shore A

Material property: non-marking

Nipple material: Aluminum

Vacuum connection: M3-M

Design Data



Attribute	Value
dn	1 mm
Dmax(S)	2,50 mm
Ds	2 mm
G1	M3-M
H	6 mm
LG1	3 mm
SW1	5 mm
Z (Stroke)	0,50 mm

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

Technical Data

Attribute	Value
Suction force (-600mbar)	0,12 N
Volume	0,00 cm ³
Curve radius (min) (convex)	2 mm
Hose diameter (rec.) d	2 mm
Size	2
Suction cup material	High temperature material HT1
Material hardness [Shore A]	60 Shore A

Contact Schmalz

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Weight	1 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 N003 M3-AG DN100

Part no.:10.01.01.00316

Thread G1: M3-M
Length L1: 7,5 mm
Fitting length: 2 mm
Material: Aluminum



PFG 2 HT1-60 N003

Part no.:10.01.01.12967

Size: 2
Suction cup material: High temperature material HT1
Material hardness [Shore A]: 60 Shore A