Bellows suction cups (round)

FSGA 53 NK-45 G1/4-AG

Part no..:10.01.06.00326

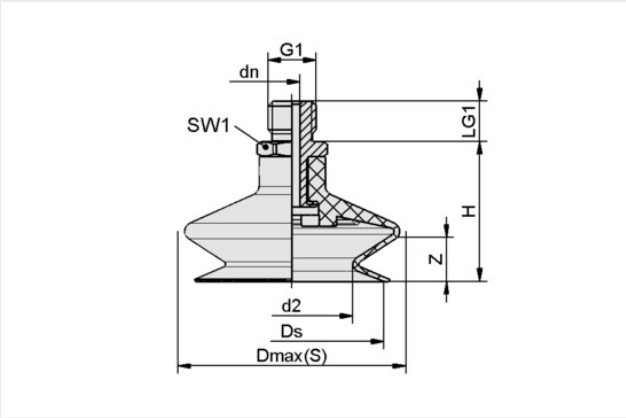
https://www.schmalz.com/10.01.06.00326

Bellows suction cup (round) with optimal adaptation to uneven surfaces



Size: 53
Suction cup material: Natural Rubber NK
Material hardness [Shore A]: 45 Shore A
Nipple material: Aluminum
Connection: G1/4"-M
Number of folds: 1.5
Vacuum connection: G1/4"-M

Design Data



Attribute	Value
d2	33 mm
Dmax(S)	60 mm
dn	4.40 mm
Ds	50 mm
G1	G1/4"-M
H	38 mm
LG1	11 mm
SW1	17 mm
Z (Stroke)	15 mm

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

Technical Data

Attribute	Value
Suction cup material	Natural Rubber NK
Material hardness [Shore A]	45 Shore A
Size	53
Number of folds	1.50
Connection	G1/4-AG
Curve radius (min) (convex)	100 mm
Volume	26.49 cm³

Contact Schmalz

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Bellows suction cups (round)

FSGA 53 NK-45 G1/4-AG

Part no..:10.01.06.00326

https://www.schmalz.com/10.01.06.00326

Suction force (-600mbar)	51.30 N
Pull-off force	95 N
Hose diameter (rec.) d	6 mm
Weight	27 g
Product family	FSGA

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 Pull-off force: The pull-off force of the versions made of natural rubber is reduced by about 40% Hose diameter: The recommended hose diameter refers to a hose length of approx. 2 m

Spare parts



SA-NIP N018 G1/4-AG DN440

Part no..:10.01.06.01065

Nipple family: N 018
Thread G1: G1/4"-M
Length L1: 28.8 mm
Fitting length: 4 mm
Nominal diameter dn: 4.4 mm
Spanner size SW2: 5 mm
Material: Aluminum



FGA 53 NK-45 N018

Part no..:10.01.06.00428

Size: 53
Suction cup material: Natural Rubber NK
Material hardness [Shore A]: 45 Shore A
Number of folds: 1.5

Contact Schmalz

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