Flat suction cup (round)

SPF 50 ED-65 G1/4-IG

Part no..:10.01.01.13249

https://www.schmalz.com/10.01.01.13249

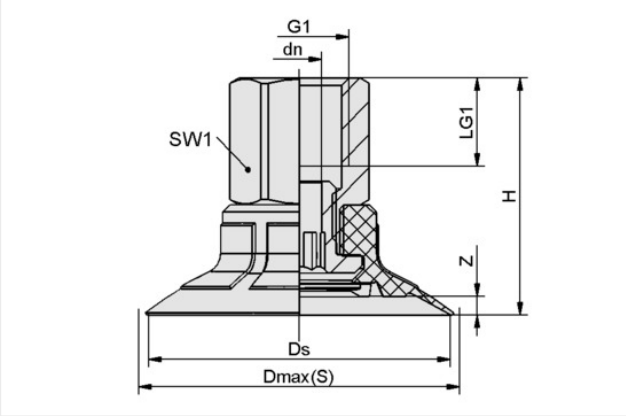
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Flat suction cup (round) for dynamic handling of cardboard and rigid packaging



- Size: 50
- Suction cup material: Elastodur ED
- Material hardness [Shore A]: 65 Shore A
- Thread G1: G1/4"-F

Design Data



Attribute	Value
dn	6.10 mm
Dmax(S)	53.90 mm
Ds	51.40 mm
G1	G1/4"-F
H	33.20 mm
LG1	12 mm
SW1	17 mm
Z (Stroke)	3.50 mm

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

Technical Data

Attribute	Value
Suction force (-600mbar)	74.20 N
Pull-off force	87.40 N
Lateral force	44 N
Volume	7.96 cm^3
Curve radius (min) (convex)	75 mm
Hose diameter (rec.) d	6 mm
Size	50

Contact Schmalz
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Number of folds	0
Suction cup material	Elastodur ED
Material hardness [Shore A]	65 Shore A
Weight	20.40 g
Product family	SPF

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



SIEB 17.5x0.8 MS-A2 280 0.28/0.16

Part no..:10.07.01.00308

External diameter D: 17.5 mm
Length L: 0.8 mm
Material: Brass / Stainless steel
Filter pore size: 280 µm



SU 50

Part no..:10.01.01.12837

Size: 50
Clamping range: 45.0 ... 60.0 mm
Temperature resistance: 80 °C

Spare parts

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SC 050 G1/4-IG MOD

Part no..:10.01.06.02488

Connection geometry: 050
Connection: G1/4"-F
Length L1: 26.5 mm
Fitting length: 17.2 mm
Nominal diameter dn: 6.1 mm



SPF 50 ED-65 SC050

Part no..:10.01.01.12374

Size: 50
Suction cup material: Elastodur ED
Material hardness [Shore A]: 65 Shore A
Height H: 16 mm