

Flat suction cup (round)

SPF 40 ED-65 SC050

Part no.:10.01.01.12373

<https://www.schmalz.com/10.01.01.12373>

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



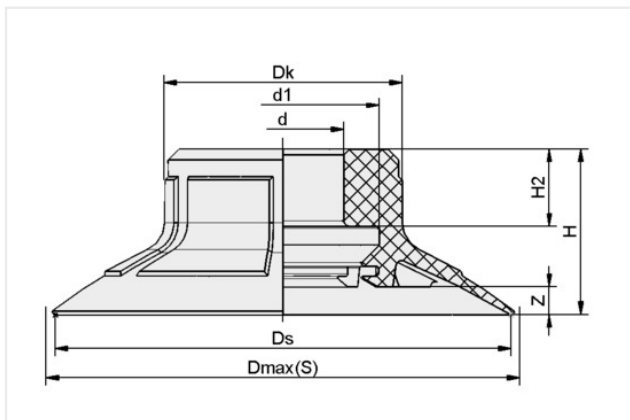
Size: 40

Suction cup material: Elastodur ED

Material hardness [Shore A]: 65 Shore A

Height H: 15 mm

Design Data



Attribute	Value
d	11 mm
d1	17.50 mm
Dk	21.60 mm
Dmax(S)	43.70 mm
Ds	41.40 mm
H	15 mm
H2	7 mm
Z (Stroke)	2.50 mm

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

Technical Data

Attribute	Value
Suction force (-600mbar)	49.50 N
Pull-off force	62.50 N
Lateral force	25 N
Volume	5.09 cm ³
Curve radius (min) (convex)	70 mm
Hose diameter (rec.) d	6 mm
Size	40

Contact Schmalz

Schmalz Vacuum Technology Ltd. | 14-2900 Argentia Rd, L5N 7X9 Mississauga, ON, Canada | +1 905 569 9520 | schmalz@schmalz.ca

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Nipple family	SC 050
Number of folds	0
Suction cup material	Elastodur ED
Material hardness [Shore A]	65 Shore A
Weight	4.40 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



SC 050-AR NPT1/4-AG MOD

Part no.:10.01.06.02543

Connection geometry: 050-AR

Connection: NPT1/4-M

Length L1: 29 mm

Fitting length: 7.5 mm

Nominal diameter dn: 6.1 mm



SC 050-AR NPT1/4-IG MOD

Part no.:10.01.06.02546

Connection geometry: 050-AR

Connection: NPT1/4-F

Length L1: 28.5 mm

Fitting length: 19.2 mm

Nominal diameter dn: 6.1 mm

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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