Bellows suction cup (round)

SPB1 20 ED-65 SC040

Part no..:10.01.06.02452

https://www.schmalz.com/10.01.06.02452

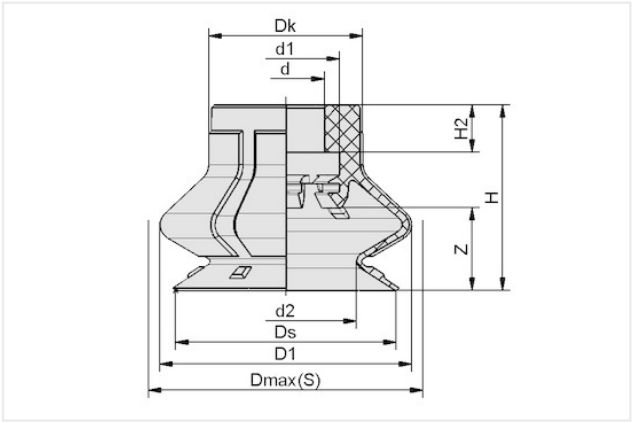
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Bellows suction cup (round) with 1.5 corr. for dynamic handling of cardboard and rigid packaging



- Size: 20
- Suction cup material: Elastodur ED
- Material hardness [Shore A]: 65 Shore A
- Number of folds: 1.5

Design Data



Attribute	Value
d	7.50 mm
d1	10.50 mm
d2	13.80 mm
D1	24.60 mm
Dk	15.10 mm
Dmax(S)	26.30 mm
Ds	21.40 mm
H	18 mm
H2	4.60 mm
Z (Stroke)	8 mm

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

Technical Data

Attribute	Value
Suction force (-600mbar)	9.90 N
Pull-off force	16.20 N
Lateral force	9.80 N
Volume	3.11 cm^3
Curve radius (min) (convex)	15 mm
Hose diameter (rec.) d	4 mm
Size	20

Contact Schmalz
Schmalz Australia Pty Ltd | 25 Turbo Drive, Bayswater North, VIC, 3153 Melbourne, Australia | +61 3 9215 8800 | schmalz@schmalz.com.au

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Nipple family	SC 040
Number of folds	1.50
Suction cup material	Elastodur ED
Material hardness [Shore A]	65 Shore A
Weight	2.20 g
Product family	SPB1

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

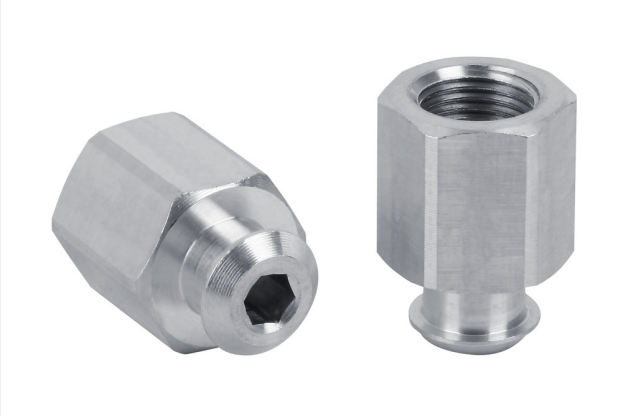
Accessories



SC 040 G1/8-AG

Part no..:10.01.06.02490

Connection geometry: 040
Connection: G1/8"-M
Length L1: 20.2 mm
Fitting length: 6 mm
Nominal diameter dn: 4.1 mm



SC 040 G1/8-IG

Part no..:10.01.06.02482

Connection geometry: 040
Connection: G1/8"-F
Length L1: 20.7 mm
Fitting length: 14 mm
Nominal diameter dn: 4.1 mm

Bellows suction cup (round)

SPB1 20 ED-65 SC040

Part no..:10.01.06.02452

https://www.schmalz.com/10.01.06.02452



SIEB 11x1 MS-A2 280 0.28/0.16

Part no..:10.07.01.00309

External diameter D: 11 mm
Length L: 1 mm
Material: Brass / Stainless steel
Filter pore size: 280 µm



SPI 18 PA SPB1-20

Part no..:10.01.06.03385

Size: 18
Material: Polyamide
Use: SPB1-20



SC 040 NPT1/8-AG

Part no..:10.01.06.02541

Connection geometry: 040
Connection: NPT1/8-M
Length L1: 20.9 mm
Fitting length: 6 mm
Nominal diameter dn: 4.1 mm

Bellows suction cup (round)

SPB1 20 ED-65 SC040

Part no..:10.01.06.02452

https://www.schmalz.com/10.01.06.02452



SC 040 NPT1/8-IG

Part no..:10.01.06.02542

Connection geometry: 040
Connection: NPT1/8-F
Length L1: 20.7 mm
Fitting length: 14 mm
Nominal diameter dn: 4.1 mm