

Flat suction cup (round)

SPF 20 ED-65 SC040

Part no.: 10.01.01.12370

<https://www.schmalz.com/10.01.01.12370>

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



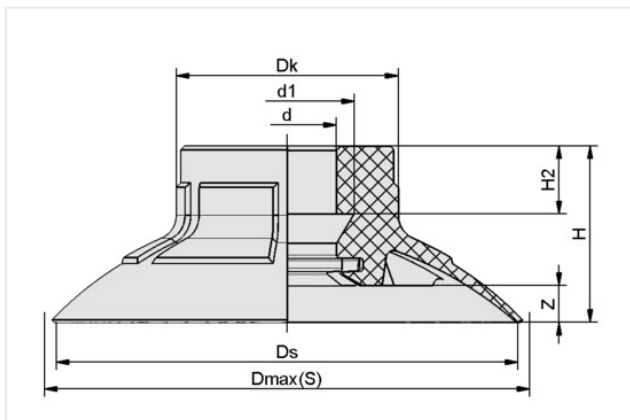
Size: 20

Suction cup material: Elastodur ED

Material hardness [Shore A]: 65 Shore A

Height H: 11 mm

Design Data



Attribute	Value
d	7.50 mm
d1	10.50 mm
Dk	15.10 mm
Dmax(S)	23.30 mm
Ds	21.40 mm
H	11 mm
H2	4.60 mm
Z (Stroke)	2 mm

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

Technical Data

Attribute	Value
Suction force (-600mbar)	16 N
Pull-off force	19.20 N
Lateral force	10.50 N
Volume	1.13 cm ³
Curve radius (min) (convex)	20 mm
Hose diameter (rec.) d	4 mm
Size	20

Contact Schmalz

Schmalz d.o.o. | Velika Ligojna 4, Vrhnika, Slovenia | +386 70 613 796 | info@schmalz.si

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Nipple family	SC 040
Number of folds	0
Suction cup material	Elastodur ED
Material hardness [Shore A]	65 Shore A
Weight	1.40 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 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



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

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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