



SPF 50 ED-65 SC050

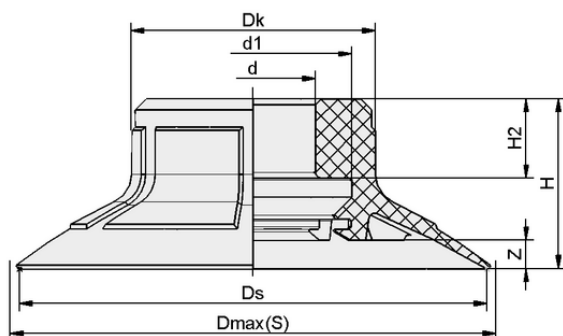
Technical data

Attribute	Value
Suction cup material	Elastodur ED
Material hardness [Shore A]	65.0 Shore A
Size	50.00
Height H	16.00 mm

Suction cup SPF (elastomer part + connection element) is delivered assembled. As an alternative the individual parts can also be ordered separately. To do this, the following ordering steps are required:

- Suction cup of type SPF (step 1) – elastomer part, available in various diameters
- Connection element of type SC (step 2) – available with various threads

Available accessories: filter screen



Design data SPF 50 ED-65 SC050

Design data

Attribute	Value
Height H2	7.00 mm
Height H	16.00 mm
Head diameter Dk	21.6 mm
Internal diameter d1	17.5 mm
Internal diameter d	11.00 mm
Spring stroke Z	3.5 mm
Diameter Ds	51.4 mm
Diameter Dmax(S)	53.9 mm

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

Art.-Nr.: 10.01.01.12374

**Technical data**

Attribute	Value
Nipple family	SC 050
Suction cup material	Elastodur ED
Material hardness [Shore A]	65.0 Shore A
Hose inner diameter (recom.) d	6.0 mm
Workpiece radius min. (convex)	70.0 mm
Pull-off force	87.40 N
Suction force (-600mbar)	74.20 N
Weight	5.7 g
Lateral force	44.0 N
Volume	7.955 cm ³
Size	50.00
Number of folds	0.0
Product family	SPF

Note: Suction force: The suction force values are theoretical values at -0.6 bar vacuum and a dry, smooth and even workpiece surface – they are specified without safety factors. Hose inner diameter: The recommended hose diameter refers to a hose length of approx. 2 m

**Further documentation**

CAD data and other documents relating to the article can be found at: www.schmalz.com/10.01.01.12374

**Ordering Data Accessories 10.01.01.12374**

Typ		Item number
Schmalz-Connector	SC 050-AR NPT1/4-AG MOD	10.01.06.02543
Schmalz-Connector	SC 050-AR NPT1/4-IG MOD	10.01.06.02546
Sieve, round	SIEB 17.5x0.8 MS-A2 280 0.28/0.16	10.07.01.00308

