



SPF 10 ED-65 SC030

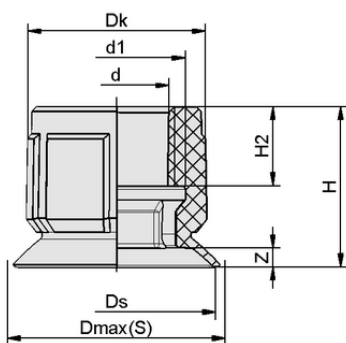
Technical data

Attribute	Value
Suction cup material	Elastodur ED
Material hardness [Shore A]	65.0 Shore A
Size	10.00
Height H	8.50 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**

Attribute	Value
Height H2	4.20 mm
Height H	8.50 mm
Head diameter Dk	9.6 mm
Internal diameter d1	7.2 mm
Internal diameter d	5.50 mm
Spring stroke Z	1.0 mm
Diameter Ds	10.5 mm
Diameter Dmax(S)	12.0 mm

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

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**Technical data**

Attribute	Value
Nipple family	SC 030
Suction cup material	Elastodur ED
Material hardness [Shore A]	65.0 Shore A
Hose inner diameter (recom.) d	4.0 mm
Workpiece radius min. (convex)	8.0 mm
Pull-off force	5.20 N
Suction force (-600mbar)	4.40 N
Weight	0.3 g
Lateral force	3.5 N
Volume	0.297 cm ³
Size	10.00
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/10.01.01.12894

