



SPF 20 ED-65 NPT1/8-AG

Technical data

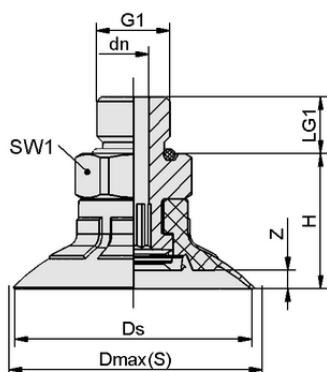
Attribute	Value
Suction cup material	Elastodur ED
Material hardness [Shore A]	65.0 Shore A
Size	20.00
Thread G1	NPT1/8"-M

Suction cup SPF (elastomer part + connection element) is delivered assembled. The assembly consists of:

- Suction cup of type SPF – elastomer part, available in various diameters
- Connection element of type SC – available with various threads

Available spare parts: suction cup SPF, Schmalz-Connector

Available accessories: filter screen (sieve, round)



Design data SPF 20 ED-65 NPT1/8-AG

Design data

Attribute	Value
Height H	17.00 mm
Nominal diameter dn	4.10 mm
Thread G1	NPT1/8"-M
Thread length LG1	6.7 mm
Key width SW1	14.0 mm
Spring stroke Z	2.0 mm
Diameter Ds	21.4 mm
Diameter Dmax(S)	23.3 mm

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

Art.-Nr.: 10.01.01.14906

**Technical data**

Attribute	Value
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)	20.0 mm
Pull-off force	19.20 N
Suction force (-600mbar)	16.00 N
Weight	6.90 g
Lateral force	10.5 N
Volume	1.131 cm ³
Size	20.00
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/10.01.01.14906

**Ordering Data Spare Parts 10.01.01.14906**

Typ		Item number
Schmalz-Connector	SC 040 NPT1/8-AG	10.01.06.02541
Flat suction cup (round)	SPF 20 ED-65 SC040	10.01.01.12370

