

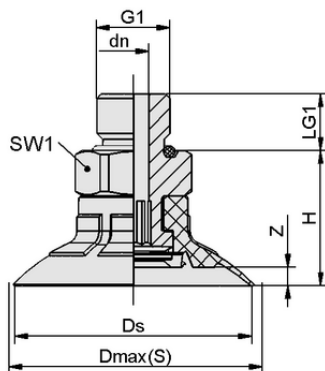
SPF 30 ED-65 NPT1/4-AG

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 30 ED-65 NPT1/4-AG

Technical data

Attribute	Value
Suction cup material	Elastodur ED
Material hardness [Shore A]	65.0 Shore A
Size	30.00
Thread G1	NPT1/4"-M

Design data

Attribute	Value
Height H	18.00 mm
Nominal diameter dn	4.10 mm
Thread G1	NPT1/4"-M
Thread length LG1	10.2 mm
Key width SW1	17.0 mm
Spring stroke Z	2.5 mm
Diameter Ds	31.4 mm
Diameter Dmax(S)	33.6 mm

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

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**Technical data**

Attribute	Value
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)	35.0 mm
Pull-off force	35.30 N
Suction force (-600mbar)	29.50 N
Weight	7.50 g
Lateral force	22.5 N
Volume	2.531 cm ³
Size	30.00
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/10.01.01.14922

**Ordering Data Spare Parts 10.01.01.14922**

Typ		Item number
Schmalz-Connector	SC 040 NPT1/4-AG	10.01.06.04922
Flat suction cup (round)	SPF 30 ED-65 SC040	10.01.01.12372

