



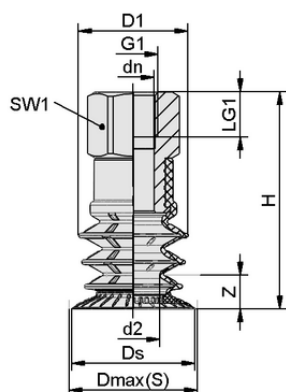
Technical data

Attribute	Value
Suction cup material	Silicone SI
Material hardness [Shore A]	30.0 Shore A
Size	33.00
Number of folds	3.5
Material hardness	55.0 Shore A
Vacuum connection	G1/4"-F

PSPF 33 SI-30/55 G1/4-IG

The bellows suction cup PSPF (elastomer part + connection element) is delivered assembled. The product consists of:

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



Design data

Attribute	Value
Height H	57.50 mm
Nominal diameter dn	11.00 mm
d2	14.0 mm
Thread G1	G1/4-IG
Thread length LG1	12.0 mm
Key width SW1	22.0 mm
Spring stroke Z	14.5 mm
Diameter Ds	33.0 mm
Diameter Dmax(S)	33.5 mm

Design data PSPF 33 SI-30/55 G1/4-IG

Art.-Nr.: 10.01.06.05590

**Technical data**

Attribute	Value
Suction cup material	Silicone SI
Suction force (-600mbar)	24.00 N
Volume	7.500 cm ³
Size	33.00
Number of folds	3.5
Product family	PSPF

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/10.01.06.05590

**Ordering Data Spare Parts 10.01.06.05590**

Typ		Item number
Bellows suction cup (round)	PSPF 33 SI-30/55 SC080	10.01.06.05502
Schmalz-Connector	SC 080 G1/4-IG	10.01.06.03271

