



Technical data

Attribute	Value
Suction cup material	EPDM
Material hardness [Shore A]	45.0 Shore A
Size	30.00

SFB1 30 EPDM-45 NPT1/4-IG

The suction cup SFB1 (elastomer part + connection nipple) is delivered assembled.

Available spare parts: suction cup SFB1, connection nipple SC



Design data

Attribute	Value
Height H	37.70 mm
Nominal diameter dn	4.10 mm
d2	9.9 mm
Thread length LG1	12.0 mm
Key width SW1	17.0 mm
Spring stroke Z	8.0 mm
Diameter Ds	30.0 mm
Diameter Dmax(S)	31.5 mm
Thread G1	NPT1/4-IG

Design data SFB1 30 EPDM-45 NPT1/4-IG

Art.-Nr.: 10.01.06.05144

**Technical data**

Attribute	Value
Suction cup material	EPDM
Material hardness [Shore A]	45.0 Shore A
Pull-off force	23.70 N
Suction force (-600mbar)	4.60 N
Volume	2.900 cm ³
Size	30.00
Number of folds	1.5
Product family	SFB1

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/10.01.06.05144

**Ordering Data Spare Parts 10.01.06.05144**

Typ		Item number
Schmalz-Connector	SC 040 NPT1/4-IG	10.01.06.04923
Bellows suction cup (round)	SFB1 30 EPDM-45 SC040	10.01.06.04377

