



Technical data

Attribute	Value
Suction cup material	EPDM
Material hardness [Shore A]	45.0 Shore A
Size	40.00

SFB1 40 EPDM-45 G1/4-IG

The suction cup SFF / SFB1 (elastomer part + connection nipple) is supplied assembled.

Available spare parts: suction cup SFF / SFB1, connection nipple SC



Design data

Attribute	Value
Height H	46.90 mm
Nominal diameter dn	4.10 mm
d2	13.7 mm
Thread length LG1	12.0 mm
Key width SW1	17.0 mm
Spring stroke Z	10.0 mm
Diameter Ds	40.0 mm
Diameter Dmax(S)	42.0 mm
Thread G1	G1/4-IG

Design data SFB1 40 EPDM-45 G1/4-IG

Art.-Nr.: 10.01.06.04425

**Technical data**

Attribute	Value
Suction cup material	EPDM
Material hardness [Shore A]	45.0 Shore A
Pull-off force	39.90 N
Suction force (-600mbar)	8.80 N
Volume	7.500 cm ³
Size	40.00
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/10.01.06.04425

**Ordering Data Spare Parts 10.01.06.04425**

Typ		Item number
Bellows suction cup (round)	SFB1 40 EPDM-45 SC050	10.01.06.04378
Schmalz-Connector	SC 050 G1/4-IG SW410	10.01.06.04348

