



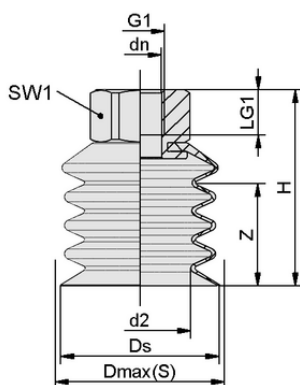
Technical data

Attribute	Value
Suction cup material	Silicone SI metal detectable
Material hardness [Shore A]	55.0 Shore A
Size	40.00
Number of folds	4.5
Material characteristics	FDA
Connection	G1/4-IG
Nipple material	Aluminum

FSDC 40 SI-MD-55 G1/4-IG

Bellows suction cup FSDC (suction cup + connection nipple) is delivered unassembled. The product consists of:

- Suction cup of type FSDC - elastomer part, available in different diameters and materials
- Connection nipple of type SA-NIP - available with different threads



Design data

Attribute	Value
Height H	52.00 mm
Nominal diameter dn	11.40 mm
d2	26.9 mm
Thread G1	G1/4"-F
Thread length LG1	12.0 mm
Key width SW1	24.0 mm
Spring stroke Z	27.0 mm
Diameter Ds	42.0 mm
Diameter Dmax(S)	45.0 mm

Design data FSDC 40 SI-MD-55 G1/4-IG

Art.-Nr.: 10.01.06.05239

**Technical data**

Attribute	Value
Suction cup material	Silicone SI metal detectable
Material hardness [Shore A]	55.0 Shore A
Pull-off force	39.00 N
Suction force (-600mbar)	35.90 N
Volume	30.600 cm ³
Size	40.00
Number of folds	4.5
Material characteristics	FDA
Product family	FSDC
Connection	G1/4-IG
Nipple material	Aluminum

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/10.01.06.05239

**Ordering Data Spare Parts 10.01.06.05239**

Typ		Item number
Bellows suction cup (round)	FSDC 40 SI-MD-55 N059	10.01.06.05187
Suction cup connection nipple	SA-NIP N059 G3/8-AG	10.01.06.05231
Suction cup connection nipple	SA-NIP N059 G1/4-IG	10.01.06.04227

