

Bellows suction cup (round)

FGA 20 SI-55 N016

Art.-Nr.: 10.01.06.00374



FGA 20 SI-55 N016

Technical data

Attribute	Value
Suction cup material	Silicone SI
Material hardness [Shore A]	55.0 Shore A
Size	20.00
Number of folds	1.5
Material characteristics	FDA-compatible

Design data

Attribute	Value
Height H2	3.80 mm
Height H	15.20 mm
Outside diameter D1	19.9 mm
Head diameter Dk	10.0 mm
d2	11.0 mm
Internal diameter d	4.50 mm
Spring stroke Z	5.0 mm
Diameter Ds	18.1 mm
Height H3	8.70 mm
Diameter Dmax(S)	21.0 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	Silicone SI
Workpiece radius min. (convex)	30.0 mm
Suction force (-600mbar)	4.70 N
Weight	1.50 g
Size	20.00
Number of folds	1.5
Product family	FGA

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/10.01.06.00374

**Ordering Data Accessories 10.01.06.00374**

Typ		Item number
Suction cup connection nipple	SA-NIP N016 G1/8-AG DN350	10.01.06.05735
Suction cup connection nipple	SA-NIP N016 G1/8-IG DN350	10.01.06.05731
Suction cup connection nipple	SA-NIP N016 M5-AG DN250	10.01.06.00123
Suction cup connection nipple	SA-NIP N016 G1/8-AG DN310	10.01.06.04062
Suction cup connection nipple	SA-NIP N016 M5-AG DN250	10.01.06.04365
Suction cup connection nipple	SA-NIP N016 M5-IG DN310	10.01.06.04689
Suction cup connection nipple	SA-NIP N016 G1/8-IG DN310	10.01.06.04690
Schmalz Pad Insert PEEK	SPI 18 PEEK	10.01.06.03284

