



FG 18 SI-55 N016

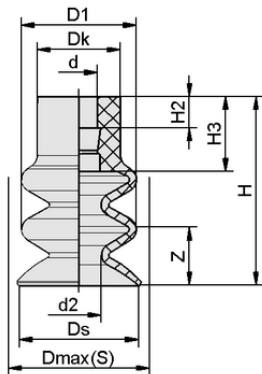
Technical data

Attribute	Value
Suction cup material	Silicone SI
Material hardness [Shore A]	55.0 Shore A
Size	18.00
Number of folds	2.5
Material characteristics	FDA-compatible

Design data

Attribute	Value
Height H2	3.80 mm
Height H	22.60 mm
Outside diameter D1	17.8 mm
Head diameter Dk	10.0 mm
d2	8.0 mm
Internal diameter d	4.50 mm
Spring stroke Z	9.0 mm
Diameter Ds	17.2 mm
Height H3	9.00 mm
Diameter Dmax(S)	19.0 mm

Note: Acceptable dimensional tolerances for elastomer parts concerning to DIN ISO 3302-1 M3



Design data FG 18 SI-55 N016

Art.-Nr.: 10.01.06.00058

**Technical data**

Attribute	Value
Nipple family	N 016
Suction cup material	Silicone SI
Material hardness [Shore A]	55.0 Shore A
Workpiece radius min. (convex)	20.0 mm
Pull-off force	8.50 N
Suction force (-600mbar)	3.02 N
Weight	1.9 g
Volume	1.648 cm ³
Size	18.00
Number of folds	2.5
Product family	FG

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/10.01.06.00058

**Ordering Data Accessories 10.01.06.00058**

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

