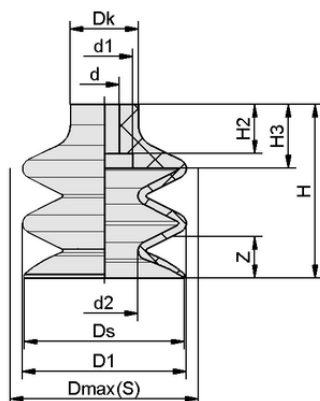




FG 88 NBR-55 N019

Technical data

Attribute	Value
Suction cup material	Nitrile rubber NBR
Material hardness [Shore A]	55.0 Shore A
Size	88.00
Number of folds	2.5



Design data FG 88 NBR-55 N019

Design data

Attribute	Value
Height H2	19.70 mm
Height H	86.50 mm
Outside diameter D1	88.2 mm
Head diameter Dk	24.7 mm
Internal diameter d1	25.0 mm
d2	29.3 mm
Internal diameter d	11.70 mm
Spring stroke Z	34.0 mm
Diameter Ds	89.0 mm
Height H3	26.00 mm

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

Art.-Nr.: 10.01.06.00143

**Technical data**

Attribute	Value
Nipple family	N 019
Suction cup material	Nitrile rubber NBR
Material hardness [Shore A]	55.0 Shore A
Workpiece radius min. (convex)	100.0 mm
Pull-off force	286.00 N
Suction force (-600mbar)	40.46 N
Weight	165.70 g
Volume	143.668 cm ³
Size	88.00
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/10.01.06.00143

**Ordering Data Accessories 10.01.06.00143**

Typ		Item number
Suction cup connection nipple	SA-NIP N019 G1/4-AG DN820	10.01.06.01959
Suction cup connection nipple	SA-NIP N019 G1/4-IG DN820	10.01.06.01960

