

Bellows suction cup (round)

FGA 6 HT1-60 N004

Art.-Nr.: 10.01.06.02603



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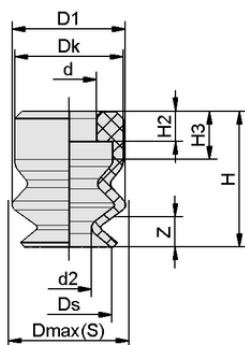
Technical data

Attribute	Value
Suction cup material	High temperature material HT1
Material hardness [Shore A]	60.0 Shore A
Size	6.00
Number of folds	1.5

Design data

Attribute	Value
Height H2	2.00 mm
Height H	9.00 mm
Outside diameter D1	7.5 mm
Head diameter Dk	7.2 mm
Internal diameter d1	5.8 mm
d2	3.0 mm
Internal diameter d	3.70 mm
Spring stroke Z	2.0 mm
Diameter Ds	5.7 mm
Height H3	3.20 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	High temperature material HT1
Workpiece radius min. (convex)	2.0 mm
Suction force (-600mbar)	0.40 N
Weight	0.2 g
Size	6.00
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/10.01.06.02603

**Ordering Data Accessories 10.01.06.02603**

Typ		Item number
Suction cup connection nipple	SA-NIP N004 G1/8-AG DN200	10.01.01.03528
Suction cup connection nipple	SA-NIP N004 G1/8-IG DN200	10.01.01.03520
Suction cup connection nipple	SA-NIP N004 M5-AG DN200	10.01.01.03526
Suction cup connection nipple	SA-NIP N004 M5-IG DN200	10.01.01.03518
Schmalz Pad Insert PEEK	SPI 6 PEEK	10.01.06.03279

