

Art.-Nr.: 10.01.06.02996



## Technical data

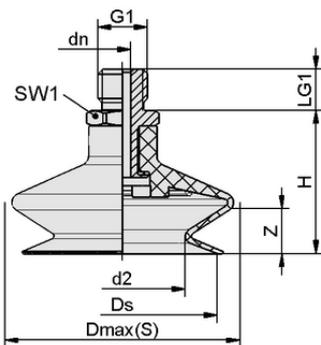
Suction cup material	High temperature material HT1
Material hardness [Shore A]	60.0 Shore A
Size	6.00
Number of folds	1.5
Connection	M5-M
Vacuum connection	M5-M
Nipple material	Aluminum

FSGA 6 HT1-60 M5-AG

Suction cup FSGA (elastomer part + connection nipple) is delivered unassembled (diameters of 33 mm and more are assembled). The delivery consists of:

- Suction cup of type FGA – elastomer part, available in various diameters and materials
- Connection nipple of type SA-NIP – available with various threads

Available spare parts: suction cup FGA, connection nipple SA-NIP



## Design data

Height H	14.00 mm
Nominal diameter dn	2.00 mm
d2	3.0 mm
Thread G1	M5-M
Thread length LG1	4.5 mm
Key width SW1	8.0 mm
Spring stroke Z	2.0 mm
Diameter Ds	5.7 mm
Diameter Dmax(S)	8.0 mm

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

Design data FSGA 6 HT1-60 M5-AG

Bellows suction cups (round)  
**FSGA 6 HT1-60 M5-AG**



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**Technical data**

Suction cup material	High temperature material HT1
Material hardness [Shore A]	60.0 Shore A
Hose inner diameter (recom.) d	4.0 mm
Workpiece radius min. (convex)	4.0 mm
Pull-off force	1.40 N
Suction force (-600mbar)	0.40 N
Weight	1.50 g
Volume	0.111 cm <sup>3</sup>
Size	6.00
Number of folds	1.5
Product family	FSGA
Connection	M5-AG

Note: Suction force: The specified suction forces are theoretical values at a vacuum of -0.6 bar and with a dry, smooth and even workpiece surface - they do not include a safety factor Pull-off force: The pull-off force of the versions made of natural rubber is reduced by about 40% Hose diameter: The recommended hose diameter refers to a hose length of approx. 2 m



**Ordering Data Accessories 10.01.06.02996**

Typ	Item number
Schmalz Pad Insert PEEK   SPI 6 PEEK	10.01.06.03279



**Ordering Data Spare Parts 10.01.06.02996**

Typ	Item number
Suction cup connection nipple   SA-NIP N004 M5-AG DN200	10.01.01.03526



**Ordering Data Wear Parts 10.01.06.02996**

Typ	Item number
Bellows suction cup (round)   FGA 6 HT1-60 N004	10.01.06.02603



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