Bellows suction cups (round)

FSG 4 NBR-55 M5-IG

Art.-Nr.: 10.01.06.02965

FSG 4 NBR-55 M5-IG

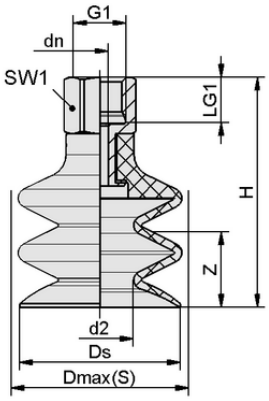
Technical data

Suction cup material	Nitrile rubber NBR
Material hardness [Shore A]	55.0 Shore A
Size	4.00
Number of folds	2.5
Connection	M5-F
Vacuum connection	M5-F
Nipple material	Aluminum

Suction cup FSG (elastomer part + connection nipple) is delivered unassembled (assembled from a diameter of 32 mm). The delivery consists of:

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

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



Design data FSG 4 NBR-55 M5-IG

Design data

Height H	24.00 mm
Nominal diameter dn	2.00 mm
d2	2.4 mm
Thread G1	M5-F
Thread length LG1	5.5 mm
Key width SW1	8.0 mm
Spring stroke Z	1.5 mm
Diameter Ds	3.8 mm
Diameter Dmax(S)	5.5 mm

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

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Bellows suction cups (round)

FSG 4 NBR-55 M5-IG

Art.-Nr.: 10.01.06.02965

Technical data

Suction cup material	Nitrile rubber NBR
Material hardness [Shore A]	55.0 Shore A
Hose inner diameter (recom.) d	2.0 mm
Workpiece radius min. (convex)	4.0 mm
Pull-off force	0.60 N
Suction force (-600mbar)	0.27 N
Weight	1.80 g
Volume	0.053 cm^3
Size	4.00
Number of folds	2.5
Product family	FSG
Connection	M5-IG

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 Spare Parts 10.01.06.02965

Typ		Item number
Suction cup connection nipple	SA-NIP N017 M5-IG DN200	10.01.06.00313

Ordering Data Wear Parts 10.01.06.02965

Typ		Item number
Bellows suction cup (round)	FG 4 NBR-55 N017	10.01.06.02962

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