

Bellows suction cups (round)
FSG 9 HT1-60 G1/8-AG



Art.-Nr.: 10.01.06.00962



Technical data

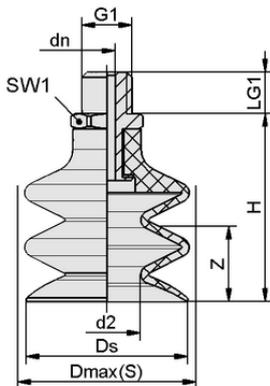
| | |
|-----------------------------|-------------------------------|
| Suction cup material | High temperature material HT1 |
| Material hardness [Shore A] | 60.0 Shore A |
| Size | 9.00 |
| Number of folds | 2.5 |
| Connection | G1/8"-M |
| Vacuum connection | G1/8"-M |
| Nipple material | Aluminum |

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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

| | |
|---------------------|----------|
| Height H | 21.00 mm |
| Nominal diameter dn | 3.50 mm |
| d2 | 4.1 mm |
| Thread G1 | G1/8"-M |
| Thread length LG1 | 7.5 mm |
| Key width SW1 | 14.0 mm |
| Spring stroke Z | 3.0 mm |
| Diameter Ds | 9.0 mm |
| Diameter Dmax(S) | 9.5 mm |

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

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| | |
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| 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) | 10.0 mm |
| Pull-off force | 2.30 N |
| Suction force (-600mbar) | 0.79 N |
| Weight | 4.50 g |
| Volume | 0.150 cm ³ |
| Size | 9.00 |
| Number of folds | 2.5 |
| Product family | FSG |
| Connection | G1/8-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 10.01.06.00962

| Typ | Item number |
|--------------------------------------|----------------|
| Schmalz Pad Insert PEEK SPI 9 PEEK | 10.01.06.03280 |



Ordering Data Spare Parts 10.01.06.00962

| Typ | Item number |
|---|----------------|
| Suction cup connection nipple SA-NIP N016 G1/8-AG DN350 | 10.01.06.05735 |



Ordering Data Wear Parts 10.01.06.00962

| Typ | Item number |
|--|----------------|
| Bellows suction cup (round) FG 9 HT1-60 N016 | 10.01.06.00878 |

