

Art.-Nr.: 10.01.06.04173



Technical data

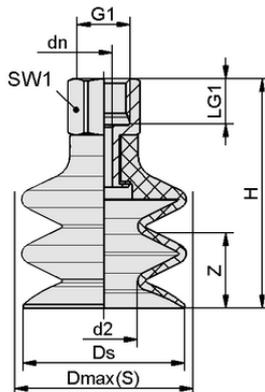
| | |
|-----------------------------|----------------|
| Suction cup material | Silicone SI-HD |
| Material hardness [Shore A] | 65.0 Shore A |
| Size | 25.00 |
| Number of folds | 2.5 |
| Connection | G1/8"-F |
| Vacuum connection | G1/8"-F |
| Nipple material | Aluminum |
| Material characteristics | FDA-compatible |

FSG 25 SI-HD-65 G1/8-IG

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 | 46.00 mm |
| Nominal diameter dn | 3.50 mm |
| d2 | 10.0 mm |
| Thread G1 | G1/8"-F |
| Thread length LG1 | 8.5 mm |
| Key width SW1 | 14.0 mm |
| Spring stroke Z | 18.0 mm |
| Diameter Ds | 23.0 mm |
| Diameter Dmax(S) | 26.0 mm |

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

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**Technical data**

| | |
|--------------------------------|-----------------------|
| Suction cup material | Silicone SI-HD |
| Material hardness [Shore A] | 65.0 Shore A |
| Hose inner diameter (recom.) d | 4.0 mm |
| Workpiece radius min. (convex) | 30.0 mm |
| Pull-off force | 19.00 N |
| Suction force (-600mbar) | 4.71 N |
| Weight | 9.00 g |
| Volume | 5.400 cm ³ |
| Size | 25.00 |
| Number of folds | 2.5 |
| Product family | FSG |
| Connection | G1/8-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 10.01.06.04173**

| Typ | | Item number |
|-------------------------------|---------------------------|----------------|
| Suction cup connection nipple | SA-NIP N016 G1/8-IG DN350 | 10.01.06.05731 |

**Ordering Data Wear Parts 10.01.06.04173**

| Typ | | Item number |
|-----------------------------------|---------------------|----------------|
| Bellows suction cup SI-HD (round) | FG 25 SI-HD-65 N016 | 10.01.06.03246 |

