

Art.-Nr.: 10.01.06.02476

**Technical data**

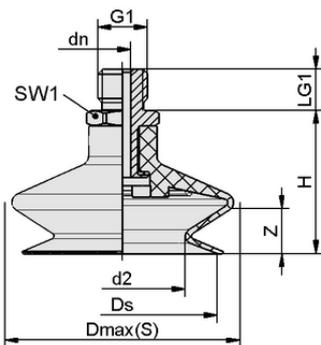
| | |
|-----------------------------|-------------------------------|
| Suction cup material | High temperature material HT1 |
| Material hardness [Shore A] | 60.0 Shore A |
| Size | 63.00 |
| Number of folds | 1.5 |
| Connection | G1/4"-M |
| Vacuum connection | G1/4"-M |
| Nipple material | Aluminum |

FSGA 63 HT1-60 G1/4-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 | 38.00 mm |
| Nominal diameter dn | 4.40 mm |
| d2 | 44.5 mm |
| Thread G1 | G1/4"-M |
| Thread length LG1 | 11.0 mm |
| Key width SW1 | 17.0 mm |
| Spring stroke Z | 15.0 mm |
| Diameter Ds | 60.0 mm |
| Diameter Dmax(S) | 68.0 mm |

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

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**Technical data**

| | |
|--------------------------------|-------------------------------|
| Suction cup material | High temperature material HT1 |
| Material hardness [Shore A] | 60.0 Shore A |
| Hose inner diameter (recom.) d | 6.0 mm |
| Workpiece radius min. (convex) | 100.0 mm |
| Pull-off force | 135.00 N |
| Suction force (-600mbar) | 85.00 N |
| Weight | 34.00 g |
| Volume | 43.829 cm ³ |
| Size | 63.00 |
| Number of folds | 1.5 |
| Product family | FSGA |
| Connection | G1/4-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 Spare Parts 10.01.06.02476**

| Typ | | Item number |
|-------------------------------|---------------------------|----------------|
| Suction cup connection nipple | SA-NIP N018 G1/4-AG DN440 | 10.01.06.01065 |
| Bellows suction cup (round) | FGA 63 HT1-60 N018 | 10.01.06.02473 |

