

Flat suction cup (round)

SGPN 24 HT1-60 G1/8-AG



Art.-Nr.: 10.01.01.12404



Technical data

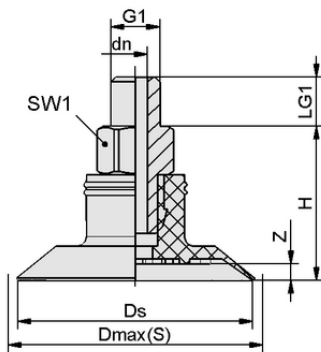
| | |
|-----------------------------|-------------------------------|
| Suction cup material | High temperature material HT1 |
| Material hardness [Shore A] | 60.0 Shore A |
| Size | 24.00 |
| Vacuum connection | G 1/8"-M |
| Nipple material | Aluminum |

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Flat suction cup SGPN (elastomer part + connection nipple) is delivered unassembled. The delivery consists of:

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

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



Design data

| | |
|---------------------|----------|
| Height H | 16.80 mm |
| Nominal diameter dn | 3.50 mm |
| Thread G1 | G 1/8"-M |
| Thread length LG1 | 7.5 mm |
| Key width SW1 | 14.0 mm |
| Spring stroke Z | 1.7 mm |
| Diameter Ds | 24.0 mm |
| Diameter Dmax(S) | 25.5 mm |

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

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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 |
| Suction force (-600mbar) | 11.00 N |
| Weight | 5.20 g |
| Volume | 0.851 cm ³ |
| Size | 24.00 |
| Number of folds | 0.0 |
| Product family | SGPN |

Note: Suction force: The suction force values are theoretical values at -0.6 bar vacuum and a dry, smooth and even workpiece surface – they are specified without safety factors. Hose inner diameter: The recommended hose diameter refers to a hose length of approx. 2 m



Ordering Data Spare Parts 10.01.01.12404

| Typ | Item number |
|--------------------------------|---|
| Suction Cup Connection Nipples | SA-NIP N016 G1/8-AG DN350 10.01.06.05735 |



Ordering Data Wear Parts 10.01.01.12404

| Typ | Item number |
|--------------------------|--------------------------------------|
| Flat suction cup (round) | SGP 24 HT1-60 N016 10.01.01.12402 |



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