

Flat suction cup (round)

## SUF 8 NBR-55 M5-IG



Art.-Nr.: 10.01.01.14223



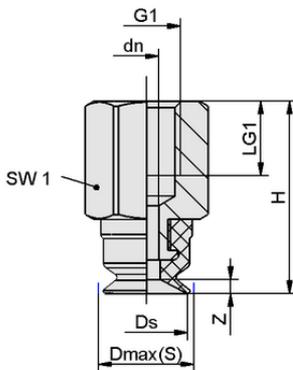
### Technical data

|                             |                    |
|-----------------------------|--------------------|
| Suction cup material        | Nitrile rubber NBR |
| Material hardness [Shore A] | 55.0 Shore A       |
| Size                        | 8.00               |
| Vacuum connection           | M5-F               |

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Suction cup SUF (elastomer part + connector) is delivered assembled.

Available spare parts: suction cup SUF, connector SC



### Design data

|                     |          |
|---------------------|----------|
| Height H            | 14.20 mm |
| Nominal diameter dn | 1.80 mm  |
| Thread G1           | M5-F     |
| Thread length LG1   | 5.5 mm   |
| Key width SW1       | 8.0 mm   |
| Spring stroke Z     | 0.8 mm   |
| Diameter Ds         | 8.0 mm   |
| Diameter Dmax(S)    | 8.4 mm   |

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### 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) | 8.0 mm                |
| Pull-off force                 | 2.40 N                |
| Suction force (-600mbar)       | 2.40 N                |
| Weight                         | 1.20 g                |
| Volume                         | 0.044 cm <sup>3</sup> |
| Size                           | 8.00                  |
| Number of folds                | 0.0                   |
| Product family                 | SUF                   |

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 10.01.01.14223

| Typ                      |                    | Item number    |
|--------------------------|--------------------|----------------|
| Schmalz-Connector        | SC 020 M5-IG       | 10.01.06.04306 |
| Flat suction cup (round) | SUF 8 NBR-55 SC020 | 10.01.01.13942 |



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