

Flat suction cup (round)

## PFG 30 PU-55 N007

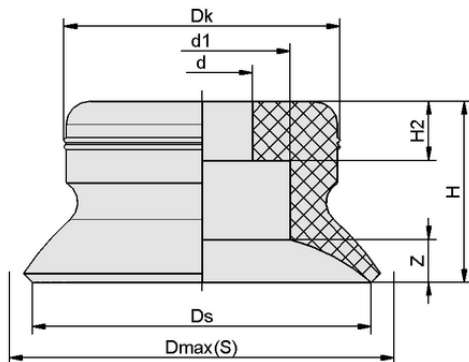
Art.-Nr.: 10.01.01.00054



PFG 30 PU-55 N007

### Technical data

| Attribute                   | Value           |
|-----------------------------|-----------------|
| Suction cup material        | Polyurethane PU |
| Material hardness [Shore A] | 55.0 Shore A    |
| Size                        | 30.00           |



Design data PFG 30 PU-55 N007

### Design data

| Attribute            | Value    |
|----------------------|----------|
| Height H2            | 7.00 mm  |
| Height H             | 12.00 mm |
| Head diameter Dk     | 15.1 mm  |
| Internal diameter d1 | 11.0 mm  |
| Internal diameter d  | 6.00 mm  |
| Spring stroke Z      | 2.0 mm   |
| Diameter Ds          | 28.8 mm  |
| Diameter Dmax(S)     | 31.5 mm  |

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



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### Technical data

| Attribute                      | Value                 |
|--------------------------------|-----------------------|
| Nipple family                  | N 007                 |
| Suction cup material           | Polyurethane PU       |
| Material hardness [Shore A]    | 55.0 Shore A          |
| Workpiece radius min. (convex) | 40.0 mm               |
| Suction force (-600mbar)       | 34.00 N               |
| Weight                         | 3.0 g                 |
| Volume                         | 1.556 cm <sup>3</sup> |
| Size                           | 30.00                 |
| Product family                 | PFG                   |

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



### Further documentation

CAD data and other documents relating to the article can be found at: [www.schmalz.com/10.01.01.00054](http://www.schmalz.com/10.01.01.00054)



### Ordering Data Accessories 10.01.01.00054

| Typ                           |                           | Item number    |
|-------------------------------|---------------------------|----------------|
| Suction cup connection nipple | SA-NIP N007 G1/8-AG DN240 | 10.01.01.03531 |
| Suction cup connection nipple | SA-NIP N007 G1/8-IG DN350 | 10.01.01.03523 |
| Suction cup cover             | SU 30                     | 10.01.01.12889 |



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