

Flat suction cup (round)

PFG 35 HT1-60 N007

Part no.: 10.01.01.11166

<https://www.schmalz.com/10.01.01.11166>

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Flat suction cup (round) for smooth or slightly rough surfaces



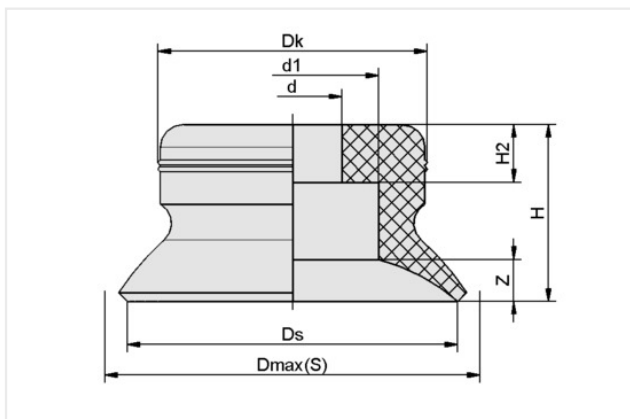
Size: 35

Suction cup material: High temperature material HT1

Material hardness [Shore A]: 60 Shore A

Material property: non-marking

Design Data



Attribute	Value
d	6 mm
d1	11 mm
Dk	20.50 mm
Dmax(S)	38 mm
Ds	35 mm
H	14 mm
H2	7 mm
Z (Stroke)	3 mm

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

Technical Data

Attribute	Value
Suction force (-600mbar)	44 N
Volume	2.81 cm ³
Curve radius (min) (convex)	50 mm
Size	35
Nipple family	N 007
Suction cup material	High temperature material HT1
Material hardness [Shore A]	60 Shore A
Weight	5.90 g

Contact Schmalz

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Product family

PFG

Note: Suction force: The specified suction forces are theoretical values at a vacuum of -0.6 bar and with a dry, smooth and flat workpiece surface - they do not include a safety factor
Hose diameter: The recommended hose diameter refers to a hose length of approx. 2 m

Accessories



SA-NIP N007 G1/8-AG DN240

Part no.: 10.01.01.03531

Nipple family: N 007

Thread G1: G1/8"-M

Length L1: 21 mm

Length L: 5 mm

Fitting length: 5 mm

Nominal diameter dn: 2.4 mm

Material: Aluminum

Spanner size SW2: 4 mm



SA-NIP N007 G1/8-IG DN350

Part no.: 10.01.01.03523

Nipple family: N 007

Thread G1: G1/8"-F

Length L1: 24.5 mm

Length L: 16 mm

Fitting length: 16 mm

Nominal diameter dn: 3.5 mm

Material: Aluminum

Spanner size SW2: 4 mm



SU 30

Part no.: 10.01.01.12889

Size: 30

Clamping range: 27.0 ... 35.0 mm

Temperature resistance: 80 °C

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