

Flat suction cup (round)

PFYN 30 FPM-65 G1/8-IG

Part no.:10.01.01.00130

<https://www.schmalz.com/10.01.01.00130>

Home > Vacuum Technology for Automation > Vacuum Components > Vacuum Suction Cups > Flat Suction Cups (Round) > Flat Suction Cups PFYN > PFYN 30 FPM-65 G1/8-IG

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



Size: 30

Suction cup material: Fluorocautchuc FPM

Material hardness [Shore A]: 65 Shore A

Nipple material: Aluminum

Vacuum connection: G1/8"-F

Design Data



Attribute	Value
dn	3.50 mm
Dmax(S)	31.50 mm
Ds	28.80 mm
G1	G1/8"-F
H	28 mm
LG1	9 mm
SW1	14 mm
Z (Stroke)	2 mm

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

Technical Data

Attribute	Value
Suction force (-600mbar)	34 N
Volume	1.30 cm ³
Curve radius (min) (convex)	40 mm
Hose diameter (rec.) d	4 mm
Size	30
Suction cup material	Fluorocautchuc FPM
Material hardness [Shore A]	65 Shore A

Contact Schmalz

J. Schmalz GmbH | Johannes-Schmalz-Str.1, 72293 Glatten, Germany | +49 7443 2403-102 | customercenter@schmalz.de

Flat suction cup (round)

PFYN 30 FPM-65 G1/8-IG

Part no.:10.01.01.00130

<https://www.schmalz.com/10.01.01.00130>

Weight	11 g
Product family	PFYN
Number of folds	0

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



SU 30

Part no.:10.01.01.12889

Size: 30

Clamping range: 27.0 ... 35.0 mm

Temperature resistance: 80 °C

Spare parts



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

Contact Schmalz

J. Schmalz GmbH | Johannes-Schmalz-Str.1, 72293 Glatten, Germany | +49 7443 2403-102 | customercenter@schmalz.de

Flat suction cup (round)

PFYN 30 FPM-65 G1/8-IG

Part no...:10.01.01.00130

<https://www.schmalz.com/10.01.01.00130>



PFG 30 FPM-65 N007

Part no...:10.01.01.00074

Size: 30

Suction cup material: Fluorocaotchuc FPM

Material hardness [Shore A]: 65 Shore A

Material property: non-marking