

Bellows suction cup (round)

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FSGA 63 HT1-60 G1/4-IG

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Bellows suction cup (round) with optimal adaptation to uneven surfaces



Size: 63
Number of folds: 1.5
Suction cup material:
High temp material HT1
Material hardness: 60 °Sh
Material property: imprint-free
Nipple material: Aluminium
Vacuum connection: G1/4-F

Design Data



Attribute	Value
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d2	44.5 mm
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Dmax(S)	68 mm
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dn	4.4 mm
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Ds	60 mm
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G1	G1/4"-F
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H	49 mm
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LG1	12 mm
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SW1	17 mm
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Z	14 mm
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Contact to Schmalz

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Technical Data

Attribute	Value
Number of folds	1.5
Pull-off force	135 N
Size	63
Weight	34 g
Nipple	N 018
Suction cup material	High temp material HT1
Suction force	85 N
Internal hose diameter (recom.)	6 mm
Volume	43.829 cm ³
Material hardness	60 °Sh
Curve radius (min) (convex)	75 mm
Product family	FSGA

Note:

- Suction force: The specified suction forces are theoretical values at a vacuum of -0.6 bar and with a smooth, dry workpiece surface - they do not include a safety factor
- Pull-off force: The pull-off force of the versions made of natural rubber is reduced by about 40%
- Hose diameter: The recommended hose diameter refers to a hose length of approx. 2 m