

Bellows suction cup SI-HD (round)

FGA 22 SI-HD-65 N016



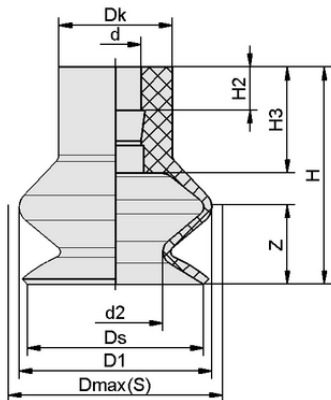
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FGA 22 SI-HD-65 N016

Technical data

Attribute	Value
Suction cup material	Silicone SI-HD
Material hardness [Shore A]	65.0 Shore A
Size	22.00
Number of folds	1.5
Material characteristics	FDA-compatible



Design data FGA 22 SI-HD-65 N016

Design data

Attribute	Value
Height H2	3.80 mm
Height H	19.00 mm
Outside diameter D1	24.2 mm
Head diameter Dk	10.0 mm
d2	11.7 mm
Internal diameter d	4.50 mm
Spring stroke Z	5.3 mm
Diameter Ds	21.5 mm
Height H3	9.10 mm
Diameter Dmax(S)	25.0 mm

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



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Technical data

Attribute	Value
Suction cup material	Silicone SI-HD
Workpiece radius min. (convex)	10.0 mm
Suction force (-600mbar)	5.70 N
Weight	2.10 g
Size	22.00
Number of folds	1.5
Product family	FGA

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/10.01.06.03419



Ordering Data Accessories 10.01.06.03419

Typ		Item number
Suction Cup Connection Nipples	SA-NIP N016 G1/8-AG DN350	10.01.06.05735
Suction Cup Connection Nipples	SA-NIP N016 G1/8-IG DN350	10.01.06.05731
Suction Cup Connection Nipples	SA-NIP N016 M5-AG DN250	10.01.06.00123
Suction Cup Connection Nipples	SA-NIP N016 G1/8-AG DN310	10.01.06.04062
Suction Cup Connection Nipples	SA-NIP N016 M5-AG DN250	10.01.06.04365
Suction Cup Connection Nipples	SA-NIP N016 M5-IG DN310	10.01.06.04689
Suction Cup Connection Nipples	SA-NIP N016 G1/8-IG DN310	10.01.06.04690



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