

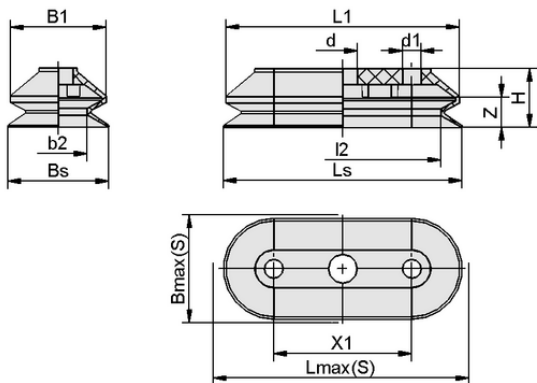
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FGAO 140x65 VU1-72 N039

Technical data

Attribute	Value
Suction cup material	Vulkollan VU1
Material hardness [Shore A]	72.0 Shore A
Dimension (LxW)	140 x 65
Number of folds	1.5



Design data FGAO 140x65 VU1-72 N039

Design data

Attribute	Value
Length L1	140.00 mm
Width B1	65.00 mm
Height H	30.00 mm
Internal diameter d1	9.5 mm
Internal diameter d	15.50 mm
Spring stroke Z	16.0 mm
Hole spacing X1	75.0 mm
Suction cup width Bs	65.00 mm
Ls	140.00 mm
Lmax.(S)	142.00 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	Vulkollan VU1
Material hardness [Shore A]	72.0 Shore A
Workpiece radius min. (convex)	30.0 mm
Pull-off force	255.00 N
Suction force (-600mbar)	225.00 N
Weight	71.5 g
Dimension (LxW)	140 x 65
Number of folds	1.5
Product family	FGAO

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/10.01.06.00468

