

Flat suction cup (oval)

SGO 12x4 NBR-55 N020

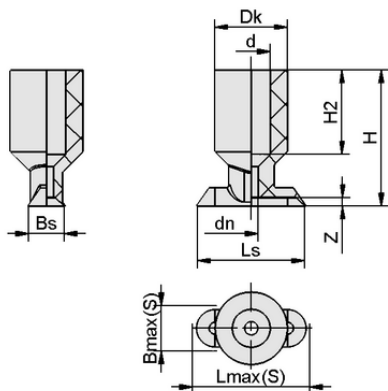
Art.-Nr.: 10.01.05.00235



SGO 12x4 NBR-55 N020

Technical data

Attribute	Value
Suction cup material	Nitrile rubber NBR
Material hardness [Shore A]	55.0 Shore A
Dimension (LxW)	12 x 4



Design data SGO 12x4 NBR-55 N020

Design data

Attribute	Value
Height H2	9.30 mm
Height H	15.00 mm
Head diameter Dk	8.0 mm
Nominal diameter dn	1.50 mm
Internal diameter d	4.20 mm
Spring stroke Z	0.5 mm
Suction cup width Bs	4.00 mm
Ls	12.00 mm
Lmax.(S)	13.00 mm
Bmax(S)	5.00 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	Nitrile rubber NBR
Material hardness [Shore A]	55.0 Shore A
Suction force (-600mbar)	1.80 N
Weight	0.5 g
Dimension (LxW)	12 x 4
Product family	SGO

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/10.01.05.00235



Ordering Data Accessories 10.01.05.00235

Typ		Item number
Suction cup connection nipple	SA-NIP N020 M5-AG DN180	10.01.01.00312



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