



Series | Bellows vacuum cups SB

Varioflex® bellows cups, 2.5 folds – SP-BX2

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POLYURETHANE COMPOSITE MATERIAL 60°/30°



Product notes

Bellows vacuum cups with 2.5 bellows made of an extremely wear-resistant polymer.
Soft, flexible sealing lip in 30° Shore A (red).
Stable body in 60° Shore A (black).

Advantage

- > Long life cycle reduces machine downtimes
- > Perfect sealing performance on rough or uneven surface
- > High stability and fast reset
- > Oil and ozone-resistant
- > Excellent height and angle compensation
- > Optional: filter disc from Ø 26 mm installed between the bellows

Ordering notes

- > For versions with a filter disc, please add "-FI" to the material code (e.g. 20.026.148.16-FI)*
- > The filter disc is delivered assembled for diameters of 26 - 53 mm
- > The filter disc is included for diameters ≥ 77 mm

Notes:

Explanation of the type description:

- > SP-BX2 = Series name of the bellows vacuum cup with 2.5 folds
- > -xx = nominal diameter
- > -PUxx = Material / Hardness
- > Example: SP-BX2-15-PU60/30
bellows vacuum cup with 2.5 folds and a nominal diameter of 15 mm, material Varioflex® (Polyurethan 60°/30° ShoreA)

Technical data

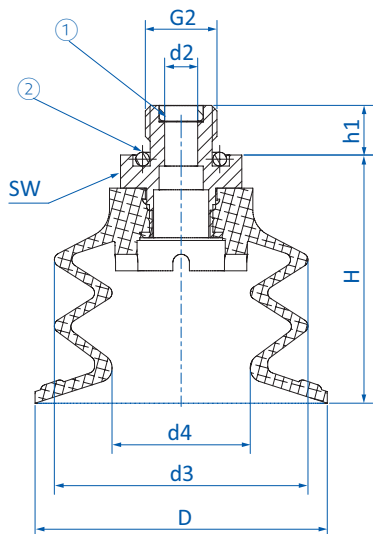
Model / Lip dimensions	Connection thread					Spare cup
	M5-male	M6-male	G1/8-male	G1/8-female		
SP-BX2-10-PU60/30	20.011.200.16	20.011.201.16	--	--	4,5	21.011.187.16
SP-BX2-15-PU60/30	20.016.145.16	20.016.146.16	--	--	5,5	21.016.175.16
SP-BX2-20-PU60/30	--	--	20.021.147.16	--	6,5	21.021.176.16
SP-BX2-25-PU60/30	--	--	20.026.148.16 (*-FI)	--	8	21.026.177.16 (*-FI)
SP-BX2-35-PU60/30	--	--	--	20.037.149.16 (*-FI)	14	21.037.177.16 (*-FI)
SP-BX2-50-PU60/30	--	--	--	20.053.151.16 (*-FI)	19	21.053.178.16 (*-FI)

Model / Lip dimensions	Connection thread				Spare cup
	G1/4-male	G3/8-male	G3/8-female		
SP-BX2-35-PU60/30	20.037.150.16 (*-FI)	--	--	14	21.037.177.16 (*-FI)
SP-BX2-50-PU60/30	20.053.152.16 (*-FI)	20.053.153.16 (*-FI)	--	19	21.053.178.16 (*-FI)
SP-BX2-75-PU60/30	--	20.077.154.16 (*-FI)	20.077.155.16 (*-FI)	25	--

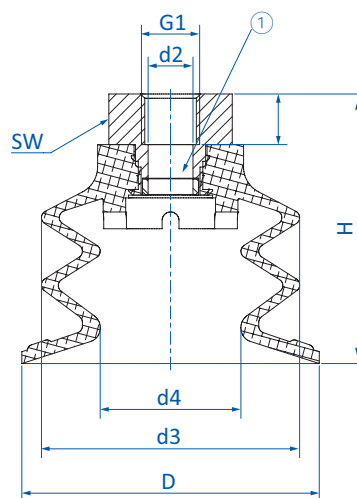
* -FI: inclusive nylon filter in first fold



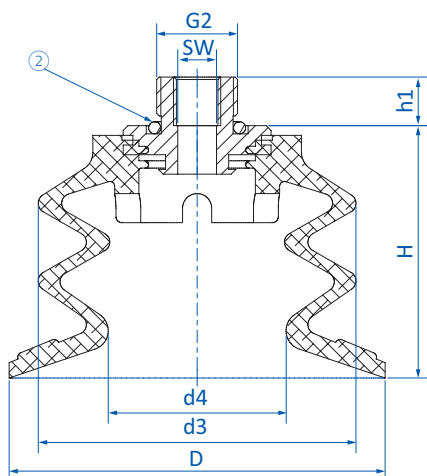
Dimensions



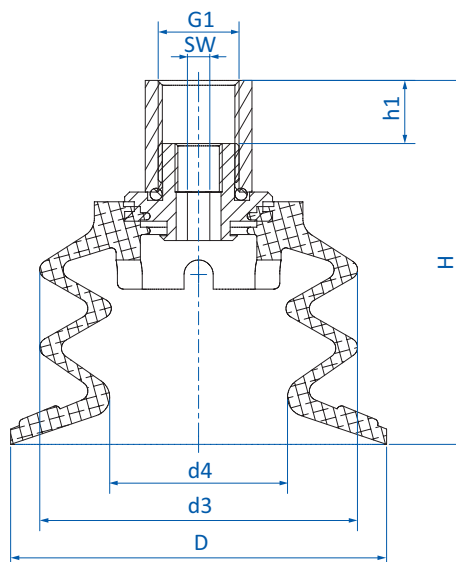
Drawing A



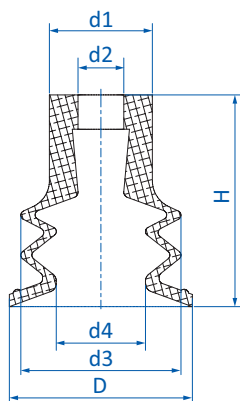
Drawing B



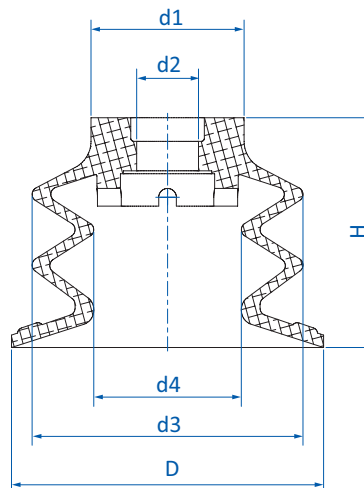
Drawing C



Drawing D



Drawing E



Drawing F

① = Filter-screen ② = O-ring



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Item no.	Drawing	Ø D [mm]	Ø d1 [mm]	Ø d2 [mm]	Ø d3 [mm]	Ø d4 [mm]	G1 (female)	G2 (male)	H	h1 [mm]	SW
Bellows vacuum cups 2.5 folds – SP-BX2 fully assembled with fitting											
20.011.200.16	A	11	--	2.8	11	6.6	M5	--	20.5	5	8
20.011.201.16	A	11	--	2.5	11	6.6	M6	--	21	6	13
20.016.145.16	A	16	--	2.8	14	9	--	M5	24	4	8
20.016.146.16	A	16	--	2.5	14	9	--	M6	23	6	13
20.021.147.16	A	21	--	4	20	12	--	G1/8	20.2	7	13
20.026.148.16	A	26	--	4	23	12	--	G1/8	24	7	13
20.037.149.16	B	37	--	5	31	18	G1/8	--	34.8	6.3	19
20.037.150.16	A	37	--	5	31	18	--	G1/4	32.8	9	19
20.053.151.16	B	53	--	8	46	25	G1/8	--	48	9	22
20.053.152.16	A	53	--	6	46	25	--	G1/4	45	9	22
20.053.153.16	A	53	--	6	46	25	--	G3/8	45	10	22
20.077.154.16	C	77.5	--	--	65.5	37	--	G3/8	52	10	8
20.077.155.16	D	77.5	--	--	65.5	37	G3/8	--	75	13	8
Spare cups											
21.011.187.16	E	11	9.5	3.8	11	6.6	--	--	16.5	--	--
21.016.175.16	E	16	9	4	14	9	--	--	18.5	--	--
21.021.176.16	F	21	11	5	20	12	--	--	15.2	--	--
21.026.177.16	F	26	15	5	23	12	--	--	19	--	--
21.037.177.16	F	37	20	7	31	18	--	--	27	--	--
21.053.178.16	F	53	26	10.5	46	25	--	--	39	--	--