



Varioflex® bellows cups, 1.5 folds – SP-BX1



POLYURETHANE COMPOSITE MATERIAL 60°/30°



Product notes

Bellows vacuum cups with 1.5 folds made of an extremely wear-resistant polymer.
Soft, flexible sealing lip in 30° Shore A (red).
Stable body in 60° Shore A (black).
Cleats stabilize the product.

Advantage

- > Long life cycle reduces machine downtimes
- > Perfect sealing performance on rough or uneven surface
- > High stability and fast reset
- > Oil and ozone-resistant
- > Bellows compensate for height differences
- > Cleats allow for fast acceleration

Notes:

Explanation of the type description:

- > SP-BX1 = Series name of the bellows vacuum cup with 1.5 folds
- > -xx = nominal diameter
- > -PUxx = Material / Hardness
- > Example: SP-BX1-15-PU60/30
bellows vacuum cup with 1.5 folds and a nominal diameter of 15 mm, material Varioflex® (Polyurethan 60°/30° Shore A)

Technical data

Model / Lip dimensions	Connection thread				Spare cup	
	M5-male	M6-male	G1/8-male	G1/8-female		
SP-BX1-10-PU60/30	22.011.332.16	22.011.333.16	--	--	3	23.011.294.16
SP-BX1-15-PU60/30	22.016.253.16	22.016.254.16	--	--	4,5	23.016.263.16
SP-BX1-20-PU60/30	--	--	22.021.255.16	--	5	23.021.264.16
SP-BX1-25-PU60/30	--	--	22.026.256.16	--	5	23.026.265.16
SP-BX1-35-PU60/30	--	--	--	22.037.257.16	9	23.037.266.16
SP-BX1-50-PU60/30	--	--	--	22.053.259.16	10	23.053.267.16

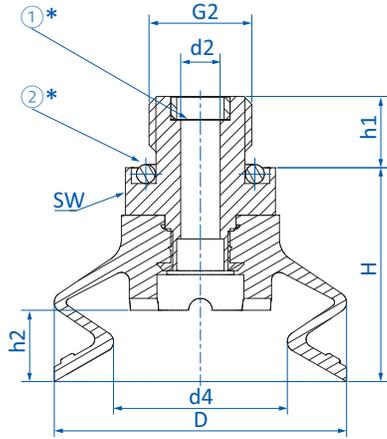
Model / Lip dimensions	Connection thread				Spare cup	
	G1/4-male	G3/8-male	G3/8-female	G1/2-female		
SP-BX1-35-PU60/30	22.037.258.16	--	--	--	9	23.037.266.16
SP-BX1-50-PU60/30	22.053.260.16	22.053.261.16	--	--	10	23.053.267.16
SP-BX1-75-PU60/30	--	22.075.262.16	22.075.263.16	--	18	--
SP-BX1-115-PU60/30	--	--	22.115.266.16	22.115.267.16	28	23.115.274.16
SP-BX1-160-PU60/30	--	--	22.160.264.16	22.160.265.16	40	23.160.273.16



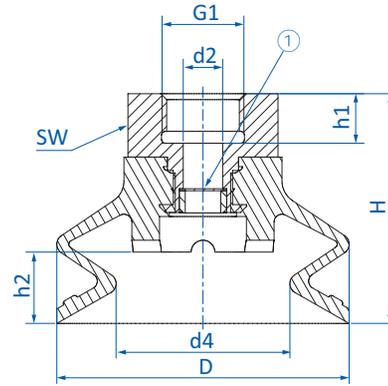
Series | Bellows vacuum cups SB

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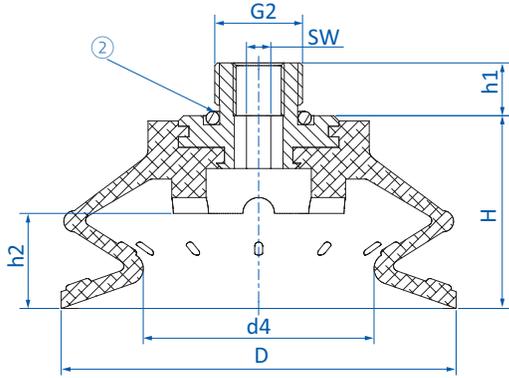
Dimensions



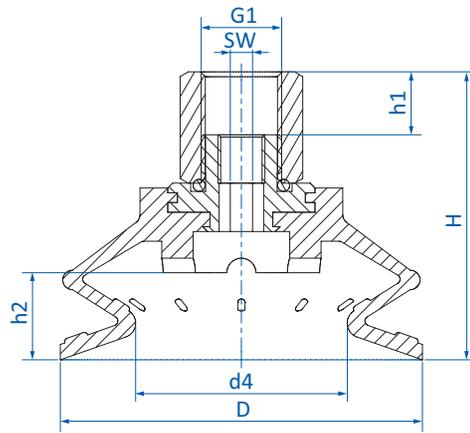
Drawing A



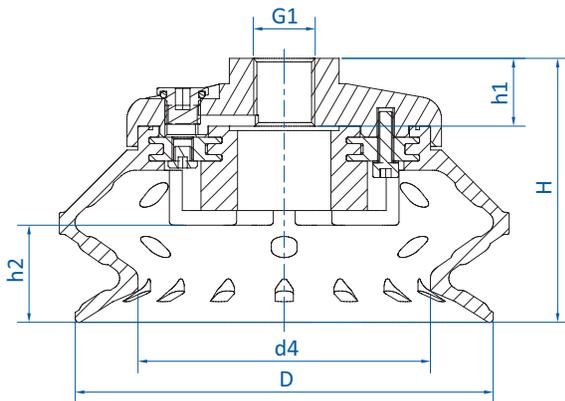
Drawing B



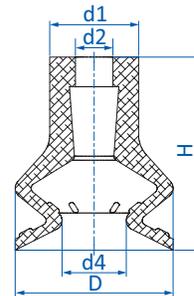
Drawing C



Drawing D



Drawing E

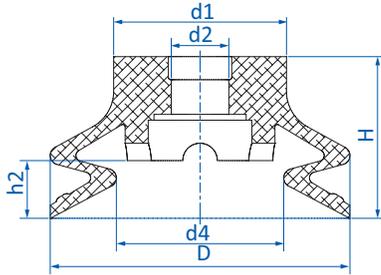


Drawing F

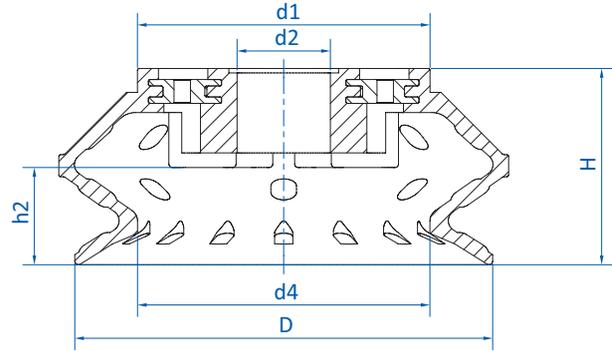
① = Filter screen ② = O-ring * = Size 11 and 16 mm without filter screen and O-ring



Dimensions



Drawing G



Drawing H

① = Filter screen ② = O-ring

Item no.	Drawing	Ø D [mm]	Ø d1 [mm]	Ø d2 [mm]	Ø d4 [mm]	G1 (female)	G2 (male)	H	h1 [mm]	h2 [mm]	SW
Bellows vacuum cups 1.5 folds – SP-BX1 fully assembled with fitting											
22.011.332.16	A	11	--	2.8	5.6	--	M5	17.5	5	--	8
22.011.333.16	A	11	--	2.5	5.6	--	M6	18	6	--	13
22.016.253.16	A	16	--	2.5	6.5	--	M5	25	3.6	--	8
22.016.254.16	A	16	--	2.5	6.5	--	M6	24	6	--	13
22.021.255.16	A	21	--	4	12	--	G1/8	19	7	5	13
22.026.256.16	A	26	--	4	14.5	--	G1/8	19	7	5	13
22.037.257.16	B	37	--	5	22	G1/8	--	29	6.3	9	19
22.037.258.16	A	37	--	5	22	--	G1/4	27	9	9	19
22.053.259.16	B	53	--	8	32.5	G1/8	--	35	9	10	22
22.053.260.16	A	53	--	6	32.5	--	G1/4	32	9	10	22
22.053.261.16	A	53	--	6	32.5	--	G3/8	32	10	10	22
22.075.262.16	C	75	--	--	44	--	G3/8	36.5	10	18	8
22.075.263.16	D	75	--	--	44	G3/8	--	59.5	13	18	8
22.115.266.16	E	115	--	--	79.9	G3/8	--	72	18.5	26.5	--
22.115.267.16	E	115	--	--	79.9	G1/2	--	72	18.5	26.5	--
22.160.264.16	E	160	--	--	112.7	G3/8	--	89	21	40.5	--
22.160.265.16	E	160	--	--	112.7	G1/2	--	89	21	40.5	--

Spare cups

23.011.294.16	F	11	9	3.8	5.6	--	--	14	--	--	--
23.016.263.16	F	16	9	4	6.5	--	--	19.5	--	--	--
23.021.264.16	G	21	11	5	12	--	--	14	--	5	--
23.026.265.16	G	26	15	5	14.5	--	--	14	--	5	--
23.037.266.16	G	37	20	7	22	--	--	21	--	9	--
23.053.267.16	G	53	26	10.5	32.5	--	--	26	--	10	--
23.115.274.16	H	115	80	25.5	79.9	--	--	53.5	--	26.5	--
23.160.273.16	H	160	110	25.5	112.7	--	--	68	--	40.5	--