



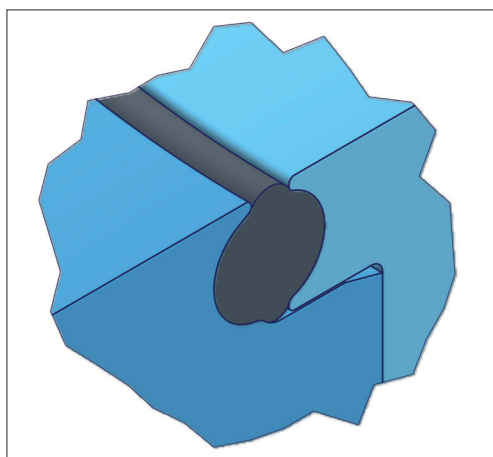
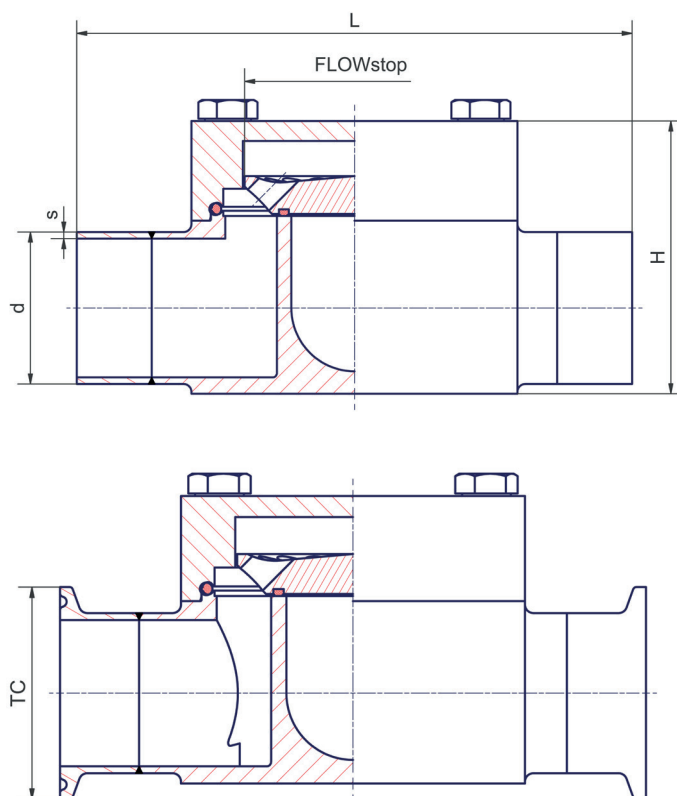
Check Valve BioFlow HVC



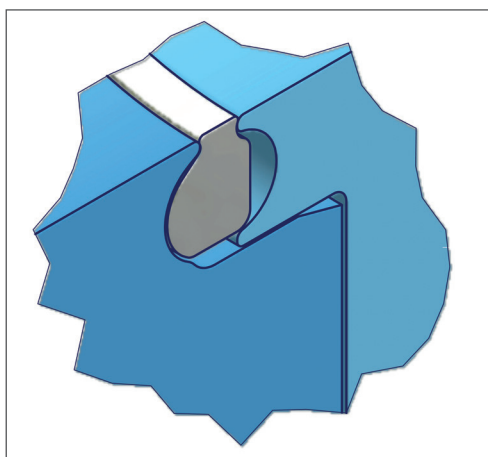
FLOWstop

Technical Data	
Installation	Horizontal
Housing material*	1.4435 / 316L
FLOWstop material*	1.4435 / 316L with vulcanised seal EPDM (FDA + USP Class VI) PTFE (FDA + USP Class VI)
Delta ferrite content (raw material)*	< 1%
Surface finish (product contacted area)*	Ra < 0,8 µm electropolished
Body seal	O-Ring EPDM (FDA + USP Class VI), BioConnect® CleanLip (stainless steel sealing element)
Max. permissible pressure	PN16 (20°C)
Opening pressure	0,02 bar
Max. operating temperature	-10°C / +150°C
Connections*	Orbital welding ends in accordance with DIN11866 line A (DIN), Reihe B (ISO), line C (ASME-BPE)
Approvals	TÜV-component testing (housing) EHEDG (housing)
* Alternative material grades (such as 2.4602, 2.4605, 1.4539, 6Mo / UNS N08367, etc.), alternative sealing materials for body seal (such as Viton, Viton / FEP-encapsulated, PTFE, CleanLip®, etc.) as well as different connections, surface qualities and delta ferrite values are available on request.	

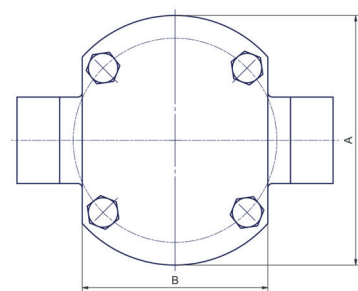
Check Valve BioFlow VC



BioConnect®



BioConnect® CleanLip



Check Valve BioFlow HVC, Body Seal BioConnect®, tube dimensions in accordance with DIN11866 line A

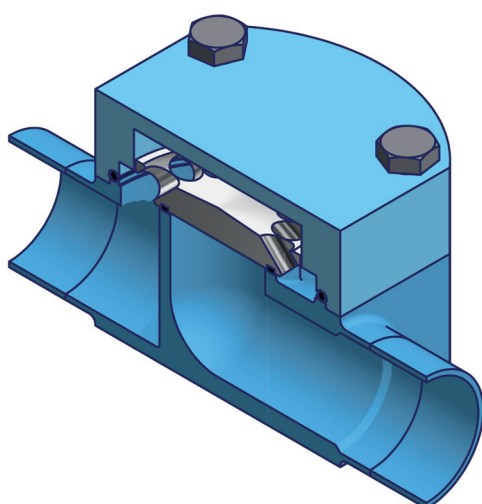
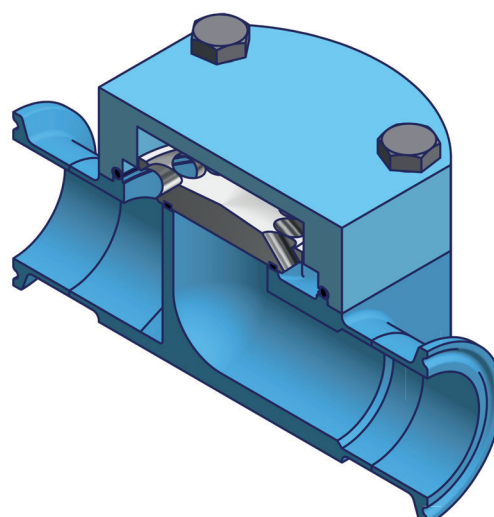
DN	d	s	L	A	H	B	M	FLOWstop	KV [m³/h] max.
10	13	1,5	101,6	80	38,7	61	4x M8x30	37	-
15	19	1,5	101,6	80	43,1	61	4x M8x30	37	5,50
20	23	1,5	101,6	80	47	61	4x M8x30	37	8,00
25	29	1,5	101,6	80	54,5	61	4x M8x30	37	8,00
32	35	1,5	139,7	110	65,5	82	4x M8x40	55	-
40	41	1,5	139,7	110	71,5	82	4x M8x40	55	19,80
50	53	1,5	160,2	120	85,1	93	4x M10x55	65	29,30
65	70	2	185	150	118,9	115	4x M10x55	99	-
80	85	2	244	218	161,3	170	6x M12x80	146,5	-
100	104	2	244	218	183,3	170	6x M12x80	146,5	-

Check Valve BioFlow HVC, Body Seal BioConnect®, tube dimensions in accordance with DIN11866 line B

DN	d	s	L	A	H	B	M	FLOWstop	KV [m³/h] max.
8	13,5	1,6	101,6	80	38,7	61	4x M8x30	37	-
10	17,2	1,6	101,6	80	41,2	61	4x M8x30	37	-
15	21,3	1,6	101,6	80	47,5	61	4x M8x30	37	-
20	26,9	1,6	101,6	80	51,5	61	4x M8x30	37	-
25	33,7	2	139,7	110	64,5	82	4x M8x40	55	-
32	42,4	2	139,7	110	74	82	4x M8x40	55	-
40	48,3	2	160,2	120	80,1	93	4x M10x55	65	-
50	60,3	2	185	150	118,9	115	4x M10x55	99	-
65	76,1	2	185	150	128,3	115	4x M10x55	99	53,2
80	88,9	2,3	244	218	161,3	170	6x M12x80	146,5	98,1
100	114,3	2,3	244	218	183,3	170	6x M12x80	146,5	131

Check Valve BioFlow HVC, Body Seal BioConnect®, tube dimensions in accordance with DIN11866 line C

DN	d	s	L	A	H	B	TC	M	FLOWstop	KV [m³/h] max.
1/2"	12,7	1,65	101,6	80	38,7	61	25	4x M8x30	37	2,60
3/4"	19,05	1,65	101,6	80	41,2	61	25	4x M8x30	37	5,60
1"	25,4	1,65	101,6	80	47,5	61	50,5	4x M8x30	37	7,40
1 1/2"	38,1	1,65	139,7	110	64,5	82	50,5	4x M8x40	55	20,2
2"	50,8	1,65	160,2	120	80,1	93	64	4x M10x55	65	28,7
2 1/2"	63,5	1,65	185	150	118,9	115	77,5	4x M10x55	99	53,2
3"	76,2	1,65	185	150	118,9	115	91	4x M10x55	99	52,9
4"	101,6	2,11	244	218	178,3	170	119	6x M12x80	146,5	-


Check Valve BioFlow HVC
BioConnect®


KV value subject to technical changes