

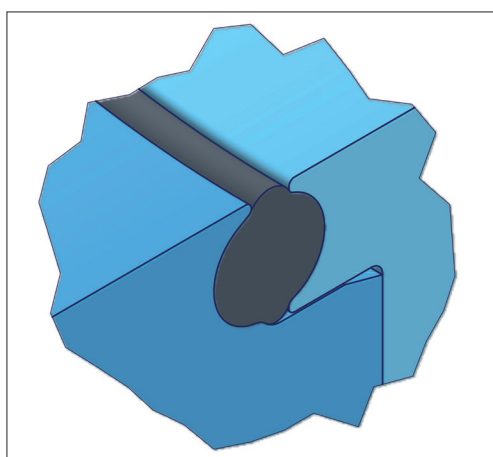
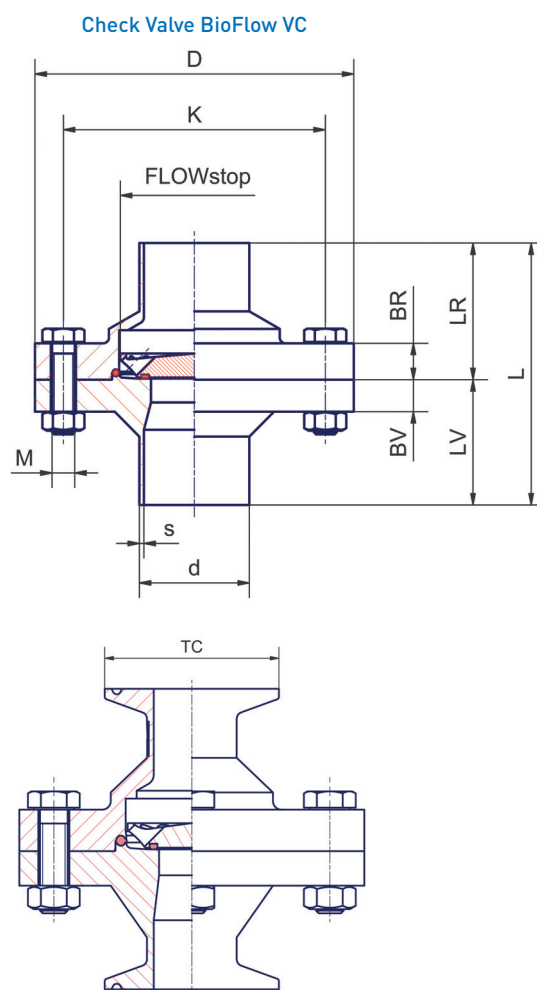


Check Valve BioFlow VC

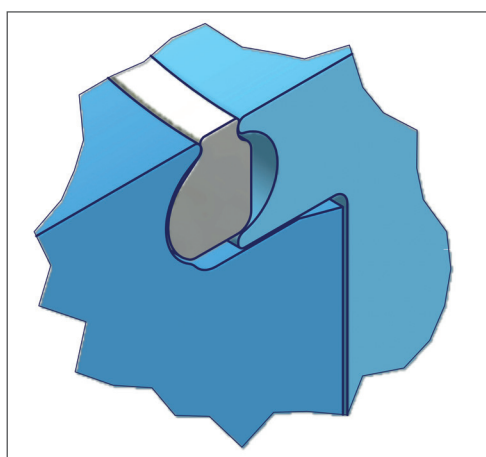


FLOWstop

Technical Data	
Installation	Vertical
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.	



BioConnect®



BioConnect® CleanLip

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

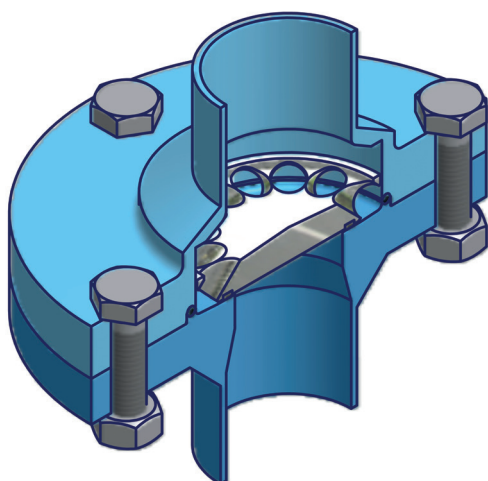
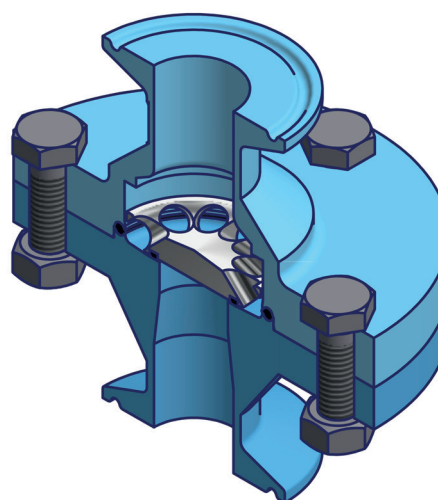
DN	d	s	D	K	L	LV	BV	LR	BR	M	FLOWstop	KV [m³/h] max.
8	10	1	100	80	100	45	10	55	12	4x M8x30	37	-
10	13	1,5	100	80	100	45	10	55	12	4x M8x30	37	-
15	19	1,5	100	80	102	50	10	52	12	4x M8x30	37	6,50
20	23	1,5	100	80	102	50	10	52	12	4x M8x30	37	-
25	29	1,5	100	80	112	55	10	57	12	4x M8x30	37	9,50
32	35	1,5	110	90	115	55	12	60	14	4x M8x35	55	-
40	41	1,5	110	90	112	55	12	57	14	4x M8x35	55	23,30
50	53	1,5	140	115	114	55	14	59	16	4x M10x40	65	34,40
65	70	2	175	150	155	70	16	85	18	8x M10x45	99	86,00
80	85	2	175	150	155	70	16	85	18	8x M10x45	99	86,00
100	104	2	215	190	188	88	16	100	18	8x M12x50	146,5	-

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

DN	d	s	D	K	L	LV	BV	LR	BR	M	FLOWstop	KV [m³/h] max.
8	13,5	1,6	100	80	100	45	10	55	12	4x M8x30	37	-
10	17,2	1,6	100	80	102	50	10	52	12	4x M8x30	37	5,20
15	21,3	1,6	100	80	102	50	10	52	12	4x M8x30	37	-
20	26,9	1,6	100	80	112	55	10	57	12	4x M8x30	37	9,70
25	33,7	2	110	90	115	55	12	60	14	4x M8x40	55	20,70
32	42,4	2	110	90	115	55	12	60	14	4x M8x40	55	-
40	48,3	2	140	115	115	55	14	60	16	4x M10x55	65	34,40
50	60,3	2	175	150	160	70	16	90	18	4x M10x55	99	74,80
65	76,1	2	175	150	155	70	16	85	18	4x M10x55	99	86,0
80	88,9	2,3	175	150	155	70	16	85	18	6x M12x80	99	86,0
100	114,3	2,3	215	190	188	88	16	100	18	6x M12x80	146,5	-

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

DN	d	s	D	K	L	LV	BV	LR	BR	TC	M	FLOWstop	KV [m³/h] max.
1/2"	12,7	1,65	100	80	100	45	10	55	12	25	4x M 8x30	37	3,10
3/4"	19,05	1,65	100	80	100	45	10	55	12	25	4x M 8x30	37	7,50
1"	25,4	1,65	100	80	112	55	10	57	12	50,5	4x M 8x30	37	8,40
1 1/2"	38,1	1,65	110	90	115	55	12	60	14	50,5	4x M 8x35	55	20,1
2"	50,8	1,65	110	90	115	55	12	60	14	64	4x M 8x35	55	18,3
2 1/2"	63,5	1,65	175	150	155	70	16	85	18	77,5	8x M 10x45	99	-
3"	76,2	1,65	175	150	155	70	16	85	18	91	8x M 10x45	99	-
4"	101,6	2,11	215	190	188	88	16	100	18	119	8x M 12x50	146,5	-


Check Valve BioFlow VC
BioConnect®


KV value subject to technical changes