



Check Valve BioFlow VC

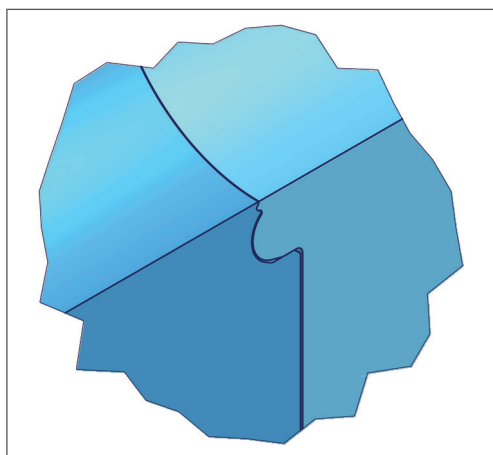
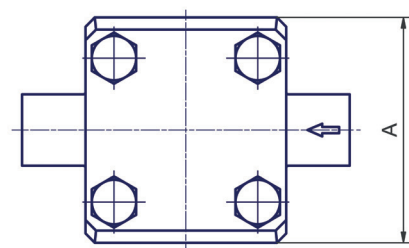
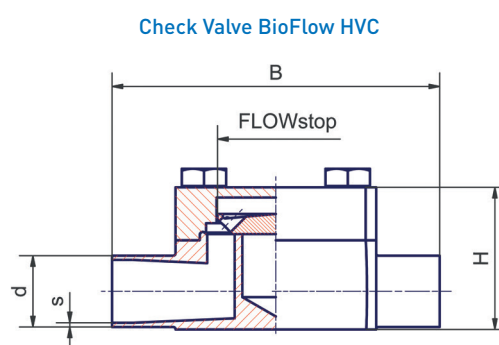
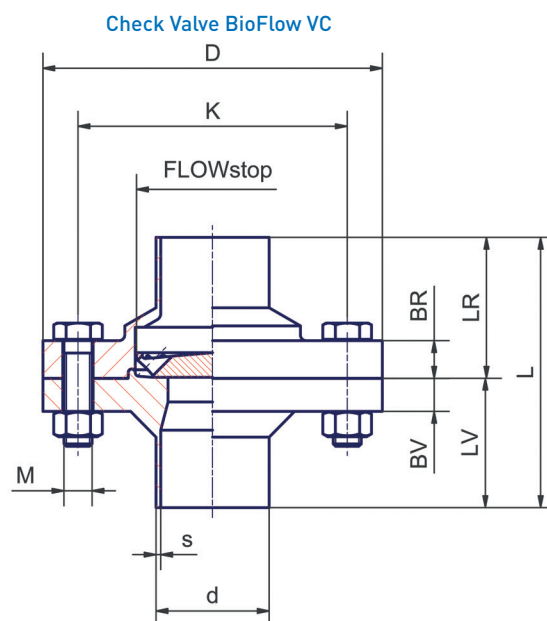


Check Valve BioFlow HVC



FLOWstop

Technical Data	
Installation	BioFlow VC: vertical BioFlow HVC: horizontal
Housing material*	1.4435 / 316L
FLOWstop material*	1.4435 / 316L with vulcanised seal EPDM (FDA + USP Class VI) PTFE (FDA + USP Class VI) 1.4435/316L elastomer-free
Delta ferrite content (raw material)*	< 1%
Surface finish (product contacted area)*	Ra < 0,8 µm electropolished
Body seal*	Elastomer-free, NEUMO ConnectS®
Max. permissible pressure	with FLOWstop Ø 37 + 55 PN16 (20°C) with FLOWstop Ø 65 + 99 PN10 (20°C)
Opening pressure	0,02 bar
Max. operating temperature	-10°C / +200°C
Connections*	Orbital welding ends in accordance with DIN11866 line A (DIN), line B (ISO), line C (ASME-BPE)
Approvals	TÜV-component testing (housing) EHEDG (housing) TA-air (housing)
* Alternative material grades (such as 1.4539, 6Mo / UNS N08367, etc.), larger dimensions, different connections, surface qualities and delta ferrite values are available on request.	

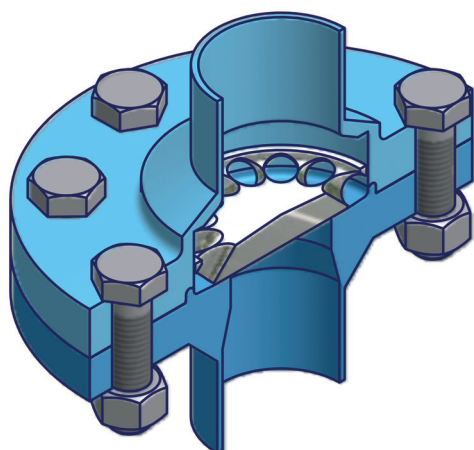
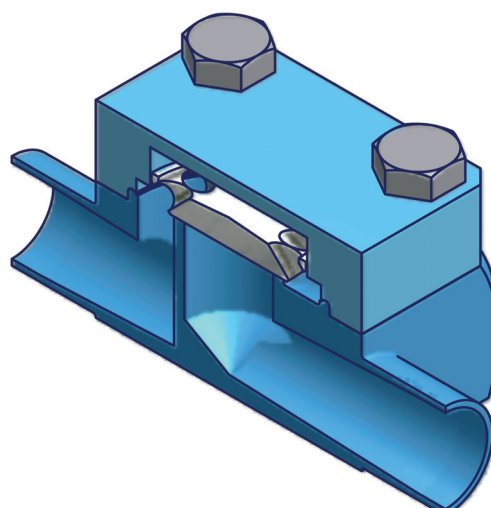


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DN	d	s	D	K	L	LV	BV	LR	BR	M	A	B	H	FLOWstop VC	FLOWstop HVC
8	10	1	115	85	106	52	12	54	14	4x M 14x40	73,5	122	35	37	37
10	13	1,5	115	85	106	52	12	54	14	4x M 14x40	74,5	122	38,5	37	37
15	19	1,5	115	85	106	52	12	54	14	4x M 14x40	76	122	44	37	37
20	23	1,5	115	85	112	55	12	57	14	4x M 14x40	77	132	47,5	37	37
25	29	1,5	115	85	112	55	12	57	14	4x M 14x40	79,5	132	53,5	37	37
32	35	1,5	125	95	115	55	12	60	14	4x M 14x40	103	155	64,5	55	55
40	41	1,5	125	95	115	55	12	60	14	4x M 14x40	105,5	155	70,5	55	55
50	53	1,5	145	115	125	60	14	65	16	8x M 12x45	118	165	85,5	65	65

DN	d	s	D	K	L	LV	BV	LR	BR	M	A	B	H	FLOWstop VC	FLOWstop HVC
8	13,5	1,6	115	85	106	52	12	54	14	4x M 14x40	74,5	122	38,5	37	37
10	17,2	1,6	115	85	106	52	12	54	14	4x M 14x40	75,5	130	42	37	37
15	21,3	1,6	115	85	106	52	12	54	14	4x M 14x40	76,5	140	45,5	37	37
20	26,9	1,6	115	85	106	52	12	54	14	4x M 14x40	78,5	140	51	37	37
25	33,7	2	125	95	115	55	12	60	14	4x M 14x40	102,5	155	63	55	55
32	42,4	2	125	95	115	55	12	60	14	4x M 14x40	106	155	72	55	55
40	48,3	2	145	115	115	55	14	60	16	8x M 12x45	115,5	165	81	65	65
50	60,3	2	180	150	160	70	16	90	18	8x M 12x50	122	165	93	99	65

DN	d	s	D	K	L	LV	BV	LR	BR	M	A	B	H	FLOWstop VC	FLOWstop HVC
1/2"	12,7	1,65	115	85	106	52	12	54	14	4x M 14x40	74	122	37	37	37
3/4"	19,05	1,65	115	85	106	52	12	54	14	4x M 14x40	75,5	132	43	37	37
1"	25,4	1,65	115	85	112	55	12	57	14	4x M 14x40	78	132	50	37	37
1 1/2"	38,1	1,65	125	95	115	55	12	60	14	4x M 14x40	104	155	67,5	55	55
2"	50,8	1,65	145	115	125	60	14	65	16	8x M 12x45	117	165	83,5	65	65


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