



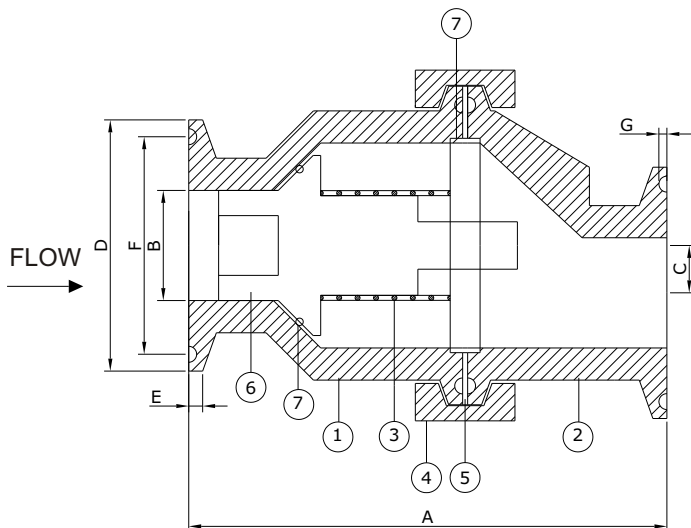
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## Sanitary Non-Return Valve (Horizontal NRV)

### Features and Specialities:

- ✦ Fully drainable in vertical / horizontal installation.
- ✦ TC end connection as per ASME BPE standard.
- ✦ 3a standard.
- ✦ Material traceability certificate for components and elastomers (FDA approved ) used in check valves. (on request ).
- ✦ Capable to withstand CIP at 80deg0 SIP at 123deg°.
- ✦ Internal surface finish o.8ra.
- ✦ Spring assisted silent closing.
- ✦ Cracking pressure from 10 – 20 mbar ( on request ).
- ✦ Softseated sealing.
- ✦ This NRVs are made completely from bar stock, Non- magnetic.



SR.NO.	NAME OF PARTS	MATERIAL
1	BODY	A.I.S.I 304 / 316
2	ADAPTOR	A.I.S.I 304 / 316
3	SPRING	A.I.S.I 304 / 316
4	T.C.CLAMP	A.I.S.I 304
5	T.C.GASKET	SILICON
6	SEAT	P.T.F.E.
7	"O" Ring	E.P.D.M.

End Connections : TC

SIZE	DIMENSIONAL DATA							Surface Finish	External Finish	OPERATING PARAMETERS	
	A (MM)	B (MM)	C (MM)	D (MM)	E (MM)	F (MM)	G (MM) GROOVE DEPTH			CRACKING PRESS	OPERATING TEMP.
1/2"	65	9.5	12.5	24.99	3.63	20.32	2.15	0.8RA	SEMIGLOSSY	0.01 - 0.02	140°C
3/4"	70	15.9	8	24.99	3.63	20.32	2.15	0.8 RA	SEMIGLOSSY	0.01 - 0.02	140°C
1"	95	22.1	9.5	50.39	2.84	43.63	1.6	0.8RA	SEMIGLOSSY	0.01 - 0.02	140°C
1 1/2"	105	34.8	6.5	50.39	2.84	43.63	1.6	0.8RA	SEMIGLOSSY	0.01 - 0.02	140°C
2 1/2"	145	57	18.5	77	3	65	2	0.8RA	SEMIGLOSSY	0.01 - 0.02	140°C
3"	135	74	12	91	3	81.5	2	0.8RA	SEMIGLOSSY	0.01 - 0.02	140°C

For 4" contact at : valves@ambikavalves.com