



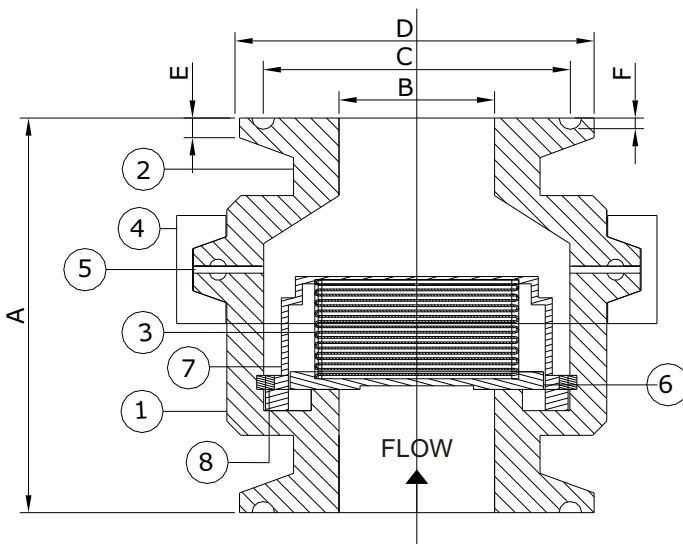
AMBIKA ENGINEERING WORKS

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Sanitary Non-Return Valve (Vertical 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).
- ✦ Metal to metal seat class 4 shut off / Soft seated sealing



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	A.I.S.I 304 / 316
7	CASE	A.I.S.I. 304 / 316
8	CIRCLIP	A.I.S.I. 304 / 316

End Connections : TC

SIZE	DIAMENSIONAL DATA						SURFACE FINISH	EXTERNAL FINISH	OPERATING PARAMETERS	
	A	B	C	D	E	F			CRACKING PRESS.	OPERATING TEMP.
1/2"	49	9.5	20.32	24.99	3.63	2.15	0.8RA	SEMIGLOSSY	0.01-0.02 KG/CM2	140°C
3/4"	52	15.9	20.32	24.99	3.63	2.15	0.8RA	SEMIGLOSSY	0.01-0.02 KG/CM2	140°C
1"	55	22.1	43.63	50.39	2.84	1.6	0.8RA	SEMIGLOSSY	0.01-0.02 KG/CM2	140°C
1 1/2"	72	34.8	43.63	50.39	2.84	1.6	0.8RA	SEMIGLOSSY	0.01-0.02 KG/CM2	140°C
2"	86	47.5	56.33	63.9	3	2	0.8RA	SEMIGLOSSY	0.01-0.02 KG/CM2	140°C

For 2 1/2", 3", 4" contact at : valves@ambikavalves.com