

Berzico Rubber Duckbill Check Valves are designed to provide a solution to back flow prevention with high performance rubber compounds and manufacturing processes. These valves do not require replacement parts, extensive maintenance, or external energy to be operated which all combined generates higher reliability and reduces long term operational costs. The valve is ideal for applications such as outfalls, manholes, vaults, interceptors, diversion chambers as well as applications where sand and or other type of debris tend to accumulate beneath the valve.

Berzico Concentric Flanged (BCF) check valve will perform in all applications as a reliable back flow preventer and can be operated partially or completely submerged. A curved bill feature is available upon request.

The selection of material of construction and hydraulic performance of the valve is based on the application requirements. The cracking pressure of the valve is approximately two inches of water column above differential pressure, which gives minimal stagnant water within the pipe and great backflow prevention capabilities.

Berzico's manufacturing procedures are unique, innovative and 100% made in the United States of America. All valve configurations feature low pressure drop, low cracking pressure to open and no moving parts that require replacement.

Various sizes and materials of construction are available to different demanding applications.



Materials of Construction

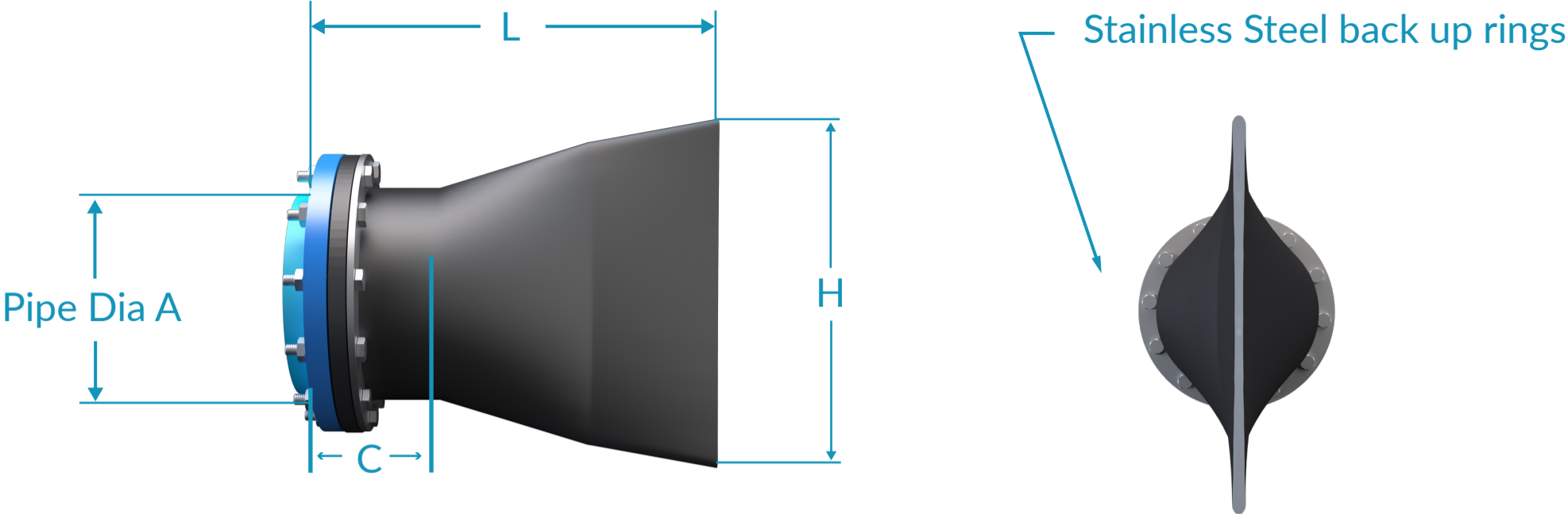
Elastomer

- Neoprene (standard)
- EPDM (optional)
- Other materials on request

Back Up Ring:

- 304 Stainless Steel (standard)
- 316 Stainless Steel (optional)
- Other materials upon request.

Note: Berzico uses NSF-61 certified product elastomer.



Pipe Dia (inch) / (mm)	Dimensions (inch) / (mm)		
	Maximum Length L	Bill Height H	Cuff Length C
4" / 100	12" / 300	7" / 170	1.75" / 44
5" / 127	16" / 400	9" / 228	2" / 50
6" / 150	16" / 400	11" / 279	2" / 50
8" / 200	17" / 430	13" / 330	2" / 50
10" / 250	22" / 550	17" / 430	3" / 76
12" / 300	26" / 650	20" / 500	4" / 100
14" / 350	26" / 650	22" / 550	4" / 100
16" / 400	29" / 736	27" / 685	4.5" / 114
18" / 450	32" / 812	27" / 685	6" / 150
20" / 500	35" / 889	33" / 838	8.5" / 215
22" / 550	39" / 990	33" / 838	8" / 200

Pipe Dia (inch) / (mm)	Dimensions (inch) / (mm)		
	Maximum Length L	Bill Height H	Cuff Length C
24" / 600	43" / 1092	40" / 1016	8" / 200
26" / 650	43" / 1092	40" / 1016	8" / 200
28" / 700	43" / 1092	40" / 1016	8" / 200
30" / 750	46" / 1168	49" / 1244	9" / 228
32" / 800	47" / 1193	54" / 1371	10" / 250
36" / 850	49" / 1244	62" / 1574	10.25" / 260
38" / 900	49" / 1244	62" / 1574	10.25" / 260
40" / 950	49" / 1244	62" / 1574	10.25" / 260
42" / 1000	59" / 1498	74" / 1879	10.50" / 266
44" / 1100	59" / 1498	74" / 1879	10.50" / 266
48" / 1200	65" / 1651	81" / 2057	12" / 300

*Contact factory for larger diameters



Optional
Curved Bill Feature