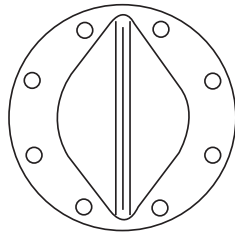
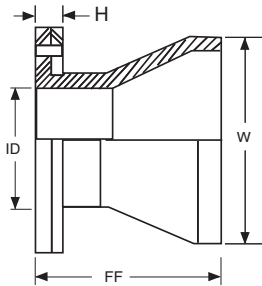




# Series RF-DBF

## Rubber Flex Duckbill Check Valves Flanged Style

Cla-Val Series RF-DBF Duckbill Flanged Style Check Valves feature an integral, metal-backed, rubber flange for attaching directly to flanged-end connections from tank or head wall. A variety of elastomers allow RF-DBF valves to be used with many different fluids. When ordering, specify Model RF-DBF, valve ID size, flange drilling, and add first letter of elastomer material IE: 4"-DB-N (N for Neoprene).



**Note 1:**

Dimensions are for clearance purposes only. Actual product dimensions may vary based upon specific application requirements.

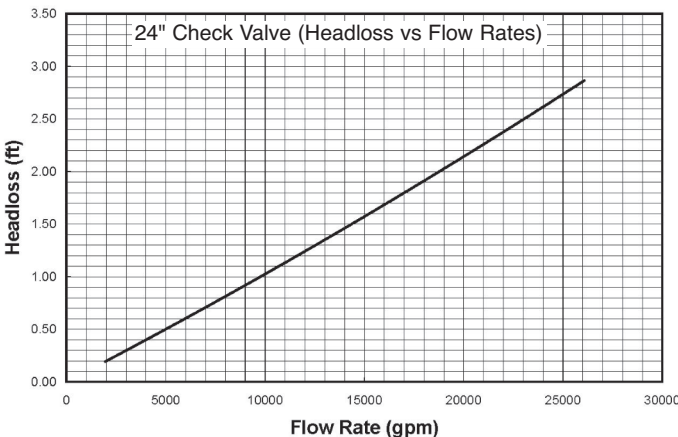
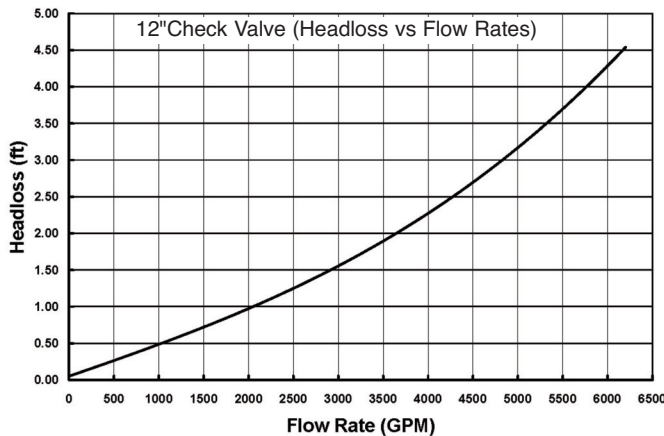
**Note 2:**

Larger sizes are available, contact local office for pricing.



Model RF-DBF

Size ID	1	1 1/2	2	2 1/2	3	4	5	6	8	10	12	14	16	18	20	24	28	30
F/F	3	3 7/8	5 1/4	6 1/4	7 1/2	9	11	12	14	16	18	20	23	25	32	41	44	46
H	7/8	7/8	7/8	7/8	1 1/8	1 1/8	1 1/8	1 3/8	1 3/8	1 3/8	1 3/8	1 3/8	1 3/8	1 3/8	1 7/8	1 7/8	1 7/8	1 7/8
W	2 1/8	2 5/8	3 7/8	4 5/8	5 1/2	7 3/8	8 3/4	10 1/2	13 3/4	17	19 5/8	24 3/4	26 1/2	29 3/4	31 1/2	43	46	49
Wt. Lbs	2.5	4	5	8	11	15	17	21	25	37	59	75	124	205	315	400	475	551



Sample Flow Rate vs Headloss Graphs. Other size charts available upon request. Based on flow testing at Utah State University.

### Elastomer Selection Guide

**Ethylene Propylene Rubber**

Most effective for applications involving waste or diluted acids.

**Viton™**

Resists solvents, halogenated hydrocarbons, oxygen, weather, ozone, oils and chemicals.

**Buna N®**

Resistant to kerosene, moderate chemicals, fats, oils, grease and many hydrocarbons.

**Natural Rubber**

Good abrasion resistance, tensile strength and resiliency. Also suitable for applications with organic acids, alcohols, ketones and most moderate chemicals.

**Hypalon™**

Resists strong acids and bases, ozone, weathering, heat and oxidizing chemicals.

**Butyl**

Good resistance to animal, vegetable fats, strong oxidizing chemicals, oils, heat and greases.

**Neoprene**

General resistant to oil, grease, moderate chemicals, fats, hydrocarbons, ozone. and barnacle growth.

Order Information	Flow Rate (gpm)	Line Pressure	Back Pressure
Minimum			
Maximum			