

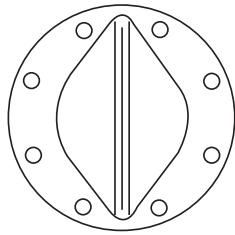
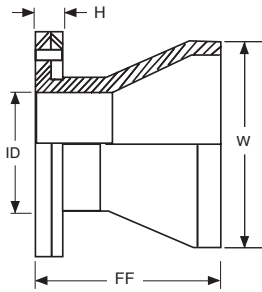


Series RF-DBF

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.

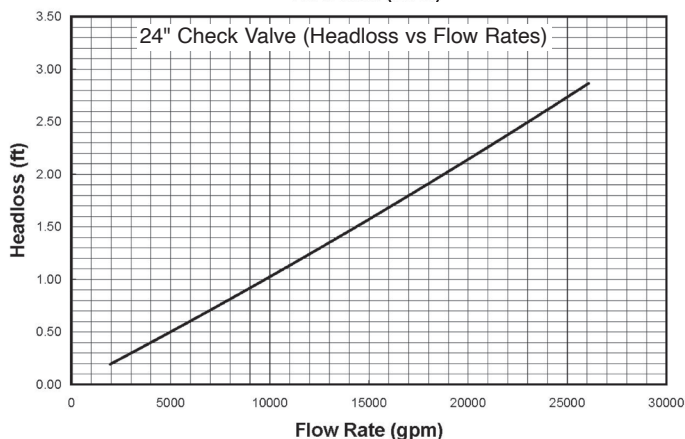
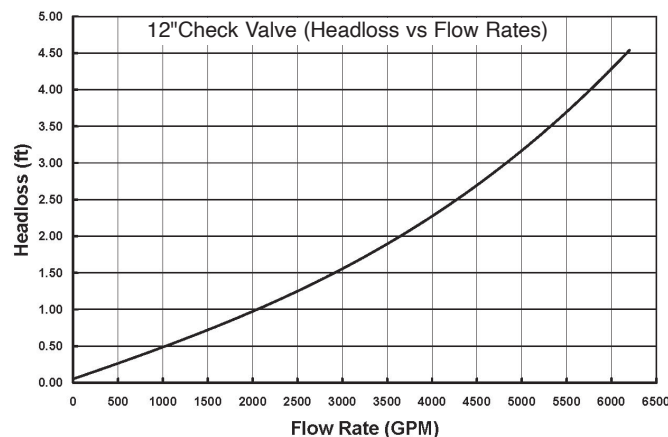
Note 2:

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	32	36	40	42	44	48	54	60	72
FF	5.10	6.00	6.60	7.40	8.50	10.50	11.50	12.80	15.00	17.90	20.30	22.80	24.20	28.40	30.40	38.70	42.30	45.50	46.50	56.70	56.70	58.50	61.80	67.10	73.00	79.70	93.20
H	0.88	0.88	0.88	0.88	1.13	1.13	1.13	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.88	1.88	1.88	1.88	1.36	1.36	1.36	1.48	1.48	1.48	1.64	1.64	1.80
W	2.40	3.20	3.80	4.80	5.60	6.90	9.00	10.60	13.70	16.90	20.60	23.70	27.30	30.60	32.60	38.00	45.30	49.40	51.00	59.50	65.80	67.90	73.60	76.20	84.30	85.40	112.90
Wt. Lbs	3.3	3.4	3.8	5.3	6	8.6	14.3	14.8	23.5	31.3	51	75.3	92.6	104	128	203	243	301	368	559	697	744	836	1019	1349	1598	2811



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			

