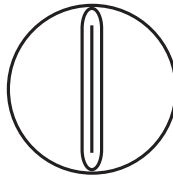
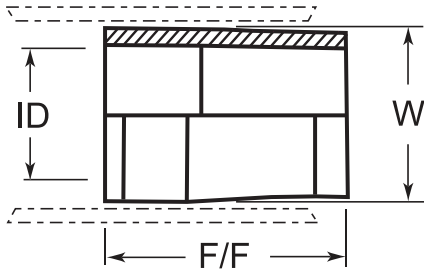




# Series RF-DBI-IN

## Rubber Flex In-Line Style Duckbill

The Cla-Val Series RF-DBI-IN Duckbill In-Line Style Check Valve is designed to be efficient, quiet and tough. It requires no external power sources, thereby reducing operation costs. The valve's simple design means there are no moving mechanical parts to break down or jam, reducing maintenance costs. RF-DBI-IN Valves easily handle corrosive or abrasive materials such as raw sewage, sludges or slurries. Their flexible design allows solids to pass through unhindered and can even seal around solids trapped in the valve. Cla-Val Series RF-DBI-IN Duckbill In-Line Style Check Valves are versatile and can be installed either horizontally or vertically. When ordering, specify Model RF-DBI-IN, pipe ID size, and add first letter of elastomer material. IE: 4"-DBI-IN-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.

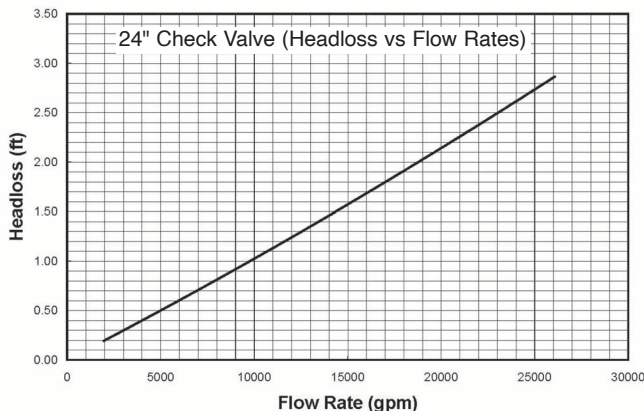
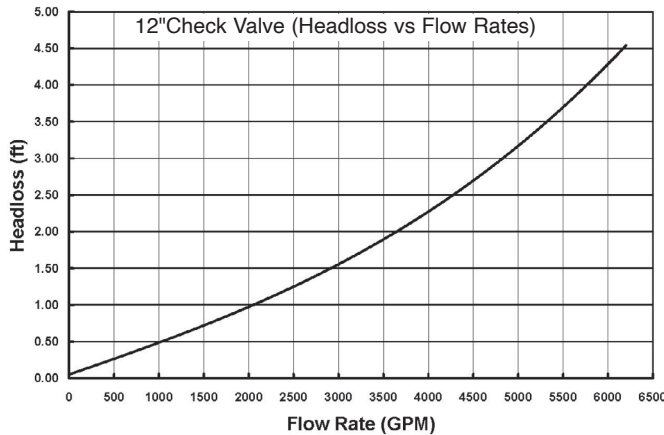
**Note 3:**

Includes Stainless Steel expansion Ring to secure valve in place



Model RF-DBI-IN

Size ID	2	4	6	8	10	12	14	16	18	20	24	30	36	42
ID	1-1/2	3	4	4	4	6	6	6	6	8	8	10	10	12
F/F	7	11	14	18	22	24	26	27	33	34	38	60	62	63
W	1-7/8	3-9/16	5-1/2	7	9-7/8	11-7/8	12-1/4	15	16-9/16	18-7/8	22	29	35-13/16	40-9/16
Wt. Lbs	2	4	12	14	17	27	39	44	72	110	125	415	770	800



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			