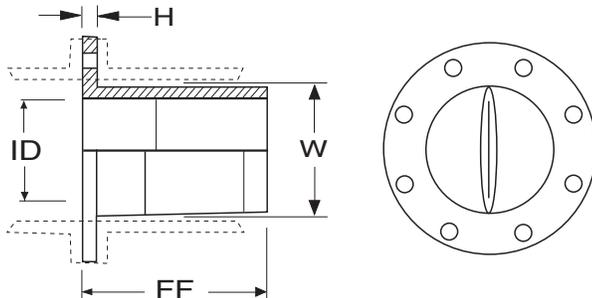




# Series DBI

## In-Line Flanged Style Duckbill

Cla-Val Series DBI Duckbill In-Line Flanged Style Check Valves are for pressurized pipeline applications where it is inserted between pipe flanges. Cla-Val Series DBI Duckbill In-Line Flanged Style Check Valves have an integral, metal-backed, rubber flange for attaching directly to flanged-end pipe connections. A variety of elastomers allow DBI valves to be used with many fluids. When ordering, specify Model DBI, pipe ID size, flange drilling, and add first letter of elastomer material. IE: 4"-DBI-N (N for Neoprene)

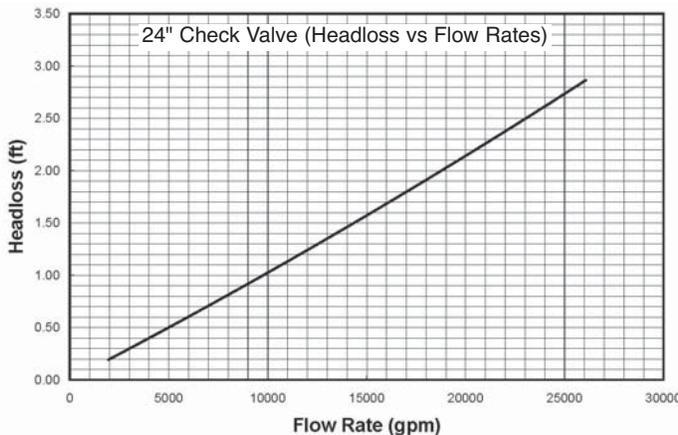
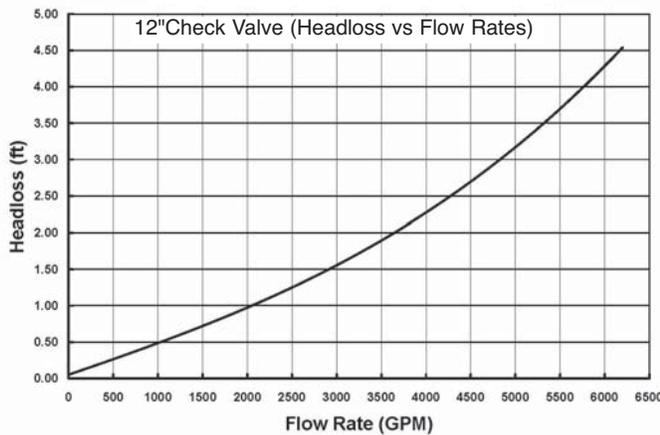


**Note 1:**  
Dimensions are for clearance purposes only. Actual product dimensions may vary based upon specific application requirements.

**Note 2:**  
Larger sizes are available, contact local office for pricing.



Size ID	2	3	4	5	6	8	10	12	14	16	18	20	24
ID	1 1/4	2 1/4	3	4	5	6 5/8	8 5/8	10	11 1/2	13 1/2	15 1/4	17	20 1/2
F/F	6	7 1/2	13	14 1/2	16	18	20	21	22	24	27	30	33
H	1/2	1/2	3/4	3/4	3/4	3/4	3/4	1	1	1	1	1 3/16	1 3/8
W	1 7/8	2 7/8	3 7/8	4 7/8	5 7/8	7 5/8	9 5/8	11 7/8	12 3/4	14 3/4	16 3/4	18 3/4	22 3/4
Wt. Lbs	5	11	15	17	21	25	37	59	75	124	205	315	400



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			